Release Notes

AudioCodes Room Experience (RX) Suite

RXV81 | RXV200 MTRs on Android | RX-PAD Meeting Room Controller | RX-PANEL Meeting Room Scheduler

Version 3.0.573

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Notice

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This document is subject to change without notice.

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All security vulnerabilities should be reported to vulnerability@audiocodes.com.

WEEE EU Directive

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Stay in the Loop with AudioCodes

Abbreviations and Terminology

Each abbreviation, unless widely used, is spelled out in full when first used.

Related Documentation

Document Name
RXV200 MTRA Compute User's and Administrator's Manual
RX-PAD Room Controller User's and Administrator's Manual
RXV81 MTRA Video Collaboration Bar User's and Administrator's Manual
RXV81 BYOD User's and Administrator's Manual
RX-PANEL Meeting Room Scheduler User's and Administrator's Manual
RXV81 MTR on Android Video Collaboration Bar with RX-PAD or RCU Quick Guide
RXV200 MTR on Android Compute Unit Quick Installation Guide

Document Name
Pairing RX-PAD with Microsoft Teams Room on Android
RX-PANEL Meeting Room Scheduler Quick Guide
One Voice Operations Center (OVOC) User's Manual
Device Manager Administrator's Manual
RXVCam70 Quick Guide
RXVCam360 Quick Guide
Teams Sign-in Implementation for AudioCodes MTRA Devices

Documentation Feedback

AudioCodes continually strives to produce high quality documentation. If you have any comments (suggestions or errors) regarding this document, please fill out the Documentation Feedback form on our website at https://online.audiocodes.com/documentation-feedback.

1 Introduction

1.1 RXV81

AudioCodes' RXV81 is a standalone Microsoft Teams Rooms (MTR) on Android™ video bar that takes advantage of plug-and-play simplicity to deliver a familiar and exceptionally productive Microsoft Teams meeting experience.

Outstanding image clarity and enhanced voice quality ensure remote participants can see and hear everyone in the room and can also participate in full Teams video and content sharing sessions.

The RXV81 stands out with its video and audio capabilities, embedded speaker and a 6-element microphone array, as well as Full HD and ePTZ with 5x zoom. These combine seamlessly to make every meeting interactive and personable.

Stylishly designed and quick to set up, the RXV81 is by default a standalone MTR specifically designed for huddle rooms and small shared rooms, as well as for managers' and executives' personal offices in today's busy hybrid workplaces. When used as a standalone MTR, video and sharing are displayed on the TV screen and meetings are controlled via AudioCodes' RX-PAD Meeting Room Controller or the remote control (RC).

In addition to standalone mode, the RXV81 can be used in ad hoc peripheral mode. In this mode, customers connect RXV81 to a BYOD (Bring Your Own Device) PC/laptop running a UC client; the BYOD displays meeting video and content and meetings are controlled via the BYOD (join, accept, manage participants). Audio/video (camera ePTZ, mic mute) can be controlled via the UC client or the RC (camera on / off, mute, volume).

Deployment is straightforward with a robust bracket mount and minimal cable connections.

RXV81 is supported by AudioCodes' Device Manager, a plugin of the AudioCodes One Voice Operations Center (OVOC), allowing IT managers to remotely oversee and upgrade all deployed devices with ease from anywhere.

1.1.1 Highlights

RXV81 feature highlights:

- **Plug-and-Play Simplicity for Fast Setup**.

  An easy-to-use mounting element and minimal cable connections enable quick and simple deployment.
- **[Optional] RX-PAD Meeting Room Controller**
- **[Optional] Unique Bluetooth Remote Control (RC)**.

  Leverages Bluetooth for full control and bi-directional communication. Intuitive. Illuminated 'Mute' and 'Teams' buttons.
- **Intuitive Meeting Experience**.

  Fast access to meetings with one click to join using Microsoft Teams Room Android.
- **High Quality Video and Audio**.

  Outstanding Full HD image clarity and superb surround sound ensures that everyone in the meeting room is seen and heard.
- **Wide-angle 4K Camera (12M Storage)**

  Covers a 110° viewing angle capturing every seat in the room even in tight spaces with challenging lighting conditions. D: 120º/ H: 110º/ V: 75º

- **Easy to Manage from Anywhere**.

  Enhance the meeting experience with centralized device management and monitoring from any location.

- **Peripheral Mode**.

  RXV81 can be used on an ad hoc basis as a USB A/V peripheral for any UC client.

1.1.2 Benefits

- Intuitive meeting experiences with one click to join using the Microsoft Teams Rooms on Android application.
- An easy-to-use mounting element and minimal cable connections enable quick and simple deployment.
- Superior audio via a full-room pickup with no need for an additional external USB microphone or speaker.
- Effortlessly manage meetings using the dedicated Bluetooth remote control or RX-PAD Meeting Room Controller.
- Managed using AudioCodes' One Voice Operations Center (OVOC) Device Manager or Microsoft's Teams admin center (TAC).

1.1.3 Bundles

The RXV81 is available in two bundles.

Table 1-1: RXV81 Bundles

Name of Bundle	Details
TEAMS-RXV81	■ Managers offices ■ RXV81 main unit ■ Smart BT Remote Controller
TEAMS-RXV81-B10	■ Shared rooms ■ 5-6 participants ■ RX-PAD Meeting Room Controller

1.1.4 Specifications

For RXV81 specifications, see the RXV81 Standalone MTRA Datasheet.

1.2 RXV200

The enterprise workspace and meeting space have changed dramatically over the past decade. Virtually all our communication today is hybrid, involving both on-site participants gathered in one or more meeting rooms and online participants located in their home offices or on the go. Modern meeting devices must be adaptable enough to accommodate any room size or shape, while minimizing the number of table-mounted accessories and devices apart from a microphone and a meeting room controller like the AudioCodes RX-PAD.

To meet this specific need, AudioCodes has created a range of RXV200 bundles which function as Microsoft Teams Rooms on Android devices.

The AudioCodes RXV200 Android compute MTR is a robust, dependable and adaptable solution that enables an easy upgrade of any component within the meeting room, thereby facilitating the adoption of new and advanced devices to keep up with latest technological trends without excessive expenditure. Together with the RX-PAD meeting controller, it provides easy meeting room experience that significantly boosts productivity.

This Android compute MTR unit serves as the meeting room's nerve center and sits at the heart of the RXV200 bundles. It can be connected to a variety of cameras, audio sources and advanced AI applications.

Controlled by AudioCodes' RX-PAD Meeting Room Controller, the RXV200 offers innovative features such as one-click-to-join with an integrated calendar for easy collaboration initiation, smooth content sharing and simple camera adjustments for a complete hybrid experience.

See also the AudioCodes website for additional information.

1.2.1 Highlights

RXV200 feature highlights are:

- Multiple device support for mix-and-match adaptability
- Reliable Android compute unit for every room configuration
- Simple deployment and management
- Cost-effective and value for money
- Allows future addition and upgrade of peripherals (mix-and-match of video and audio devices)
- Comprehensive support for Microsoft Teams features for a complete hybrid collaboration
- Intuitive meeting experience with calendar integration and click-to-join or proximity-join experience

1.2.2 Benefits

- Superb video quality provided by AudioCodes's cameras for any size of meeting room:
  - RXVCam50 AI camera with HD 4K resolution, EPTZ, and auto framing capabilities
  - RXVCam360 video conferencing camera providing a 360° Field of View, ultra-high image and video quality, and powerful speakers
  - RXVCam70 PTZ camera for medium and large meeting rooms, with both close-up and panoramic high-quality lenses, and advanced AI features for optimal audio and video
- Hear and be heard with crystal-clear sound through the RXVCam360 camera's built-in audio, the RX40 sound bar or the RX15 speakerphone
- Human sensor for activating the system and welcoming the user upon proximity
- An optimal solution for small to large meeting spaces

- Optional centralized management with AudioCodes' OVOC
- Fully controllable by the RX-PAD Meeting Room Controller center-of-room intelligent touch controller

1.2.3 Bundles

The RXV200 supports multiple devices for mix-and-match adaptability and simplified deployment and management.

RXV200 bundles provide a reliable solution for every room layout and allow easy meeting room component upgrades.

The RXV200 is available in six main bundles.

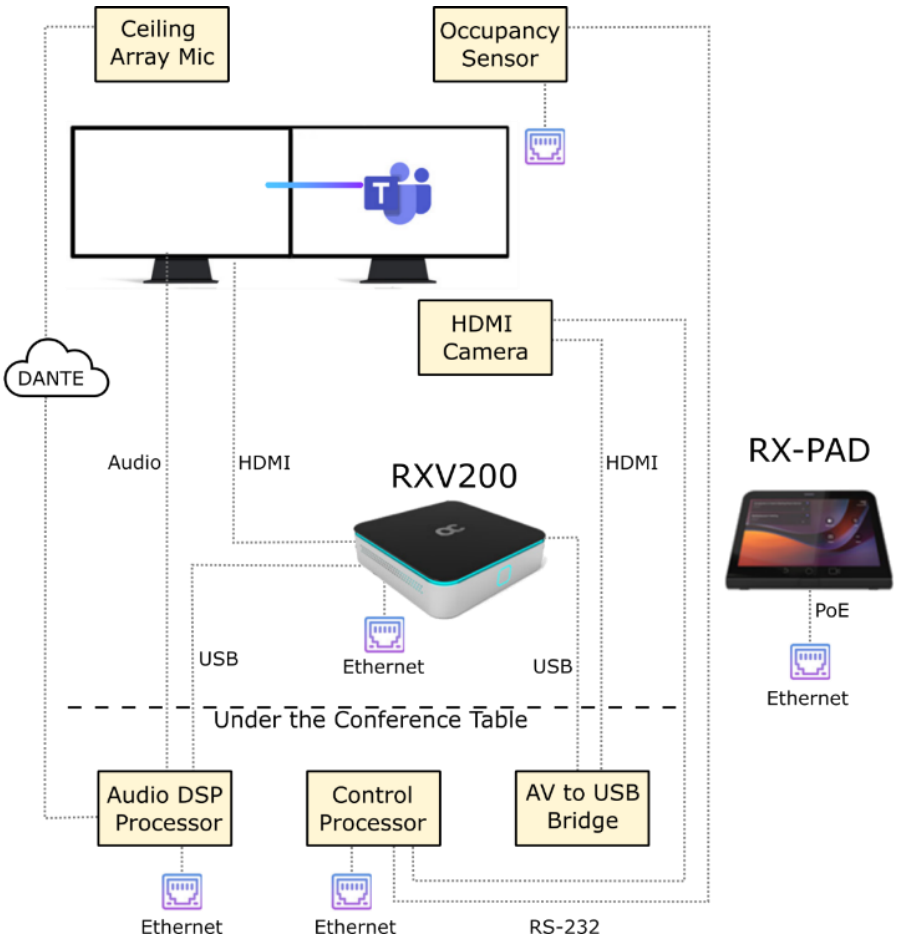
Table 1-2: RXV200 Bundles

Name of Bundle	Description
RXV200-B05	■ Leverages RX-PAD to enable integration of an existing conference room AV system with Microsoft Teams. Connects to an existing audio-video conference system. ■ Any room size ■ Any number of participants See schematic diagram below
RXV200-B09	■ RXV200 ■ Touch screen See below
RXV200-B20	■ RX-PAD ■ RXVCam50 ■ RX15 (audio) ■ Small rooms for up to 10 participants See schematic diagram below
RXV200-B360	■ RX-PAD ■ RXVCam360 (video | audio) ■ Small-medium size rooms of 2-8 participants ■ Productivity: Meeting Insights See schematic diagram below
RXV200-B40	■ RX-PAD ■ RXVCam50 ■ RX40 (audio) ■ Medium size rooms of 6-12 participants ■ Productivity: Meeting Insights See schematic diagram below
RXC200-B50	■ RX-PAD ■ RXVCam50 ■ RX-HDL200 sound bar (audio) ■ Medium size rooms of 6-12 participants ■ Productivity: Meeting Insights See schematic diagram below

Name of Bundle	Description
RXV200-B70	■ RX-PAD ■ RXVCam70 ■ RX40 (audio) ■ Large rooms of 10-18 participants ■ Productivity: Meeting Insights See schematic diagram below

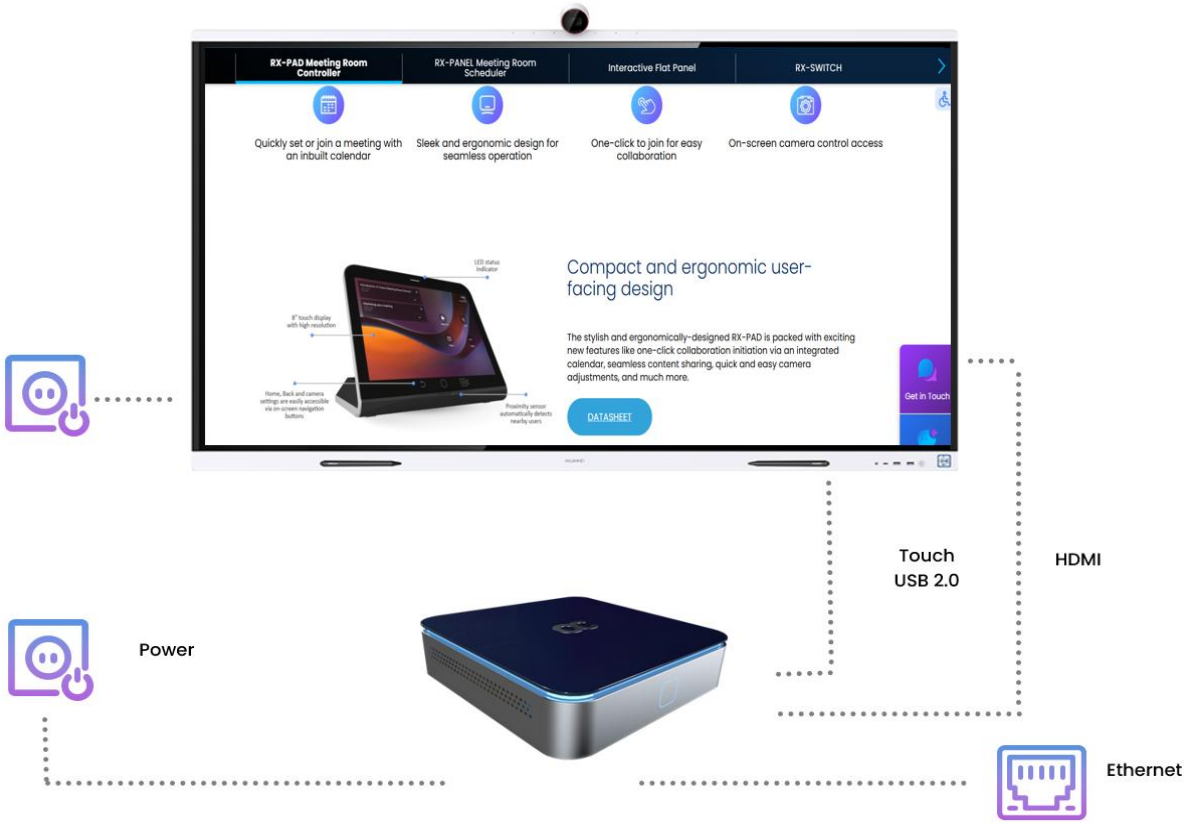
1.2.3.1 RXV200-BO5 Bundle

The figure below illustrates the RXV200-B05 bundle.



1.2.3.2 RXV200-B09 Bundle

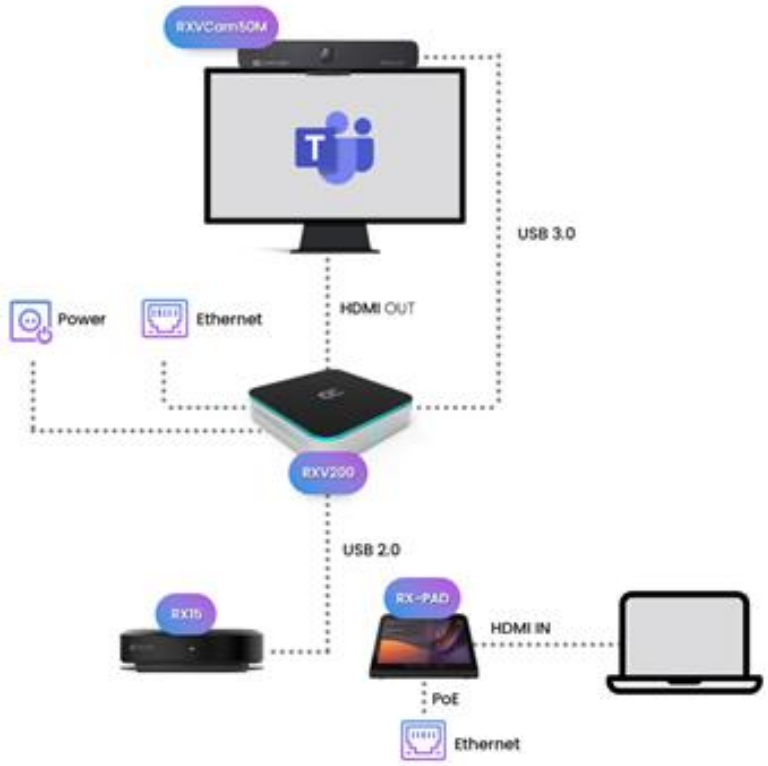
The RXV200 AV compute unit integrates with the client's touch screens without the need for an RX-PAD.



1.2.3.3 RXV200-B20 Bundle

The figure below illustrates the RXV200-B20 bundle.

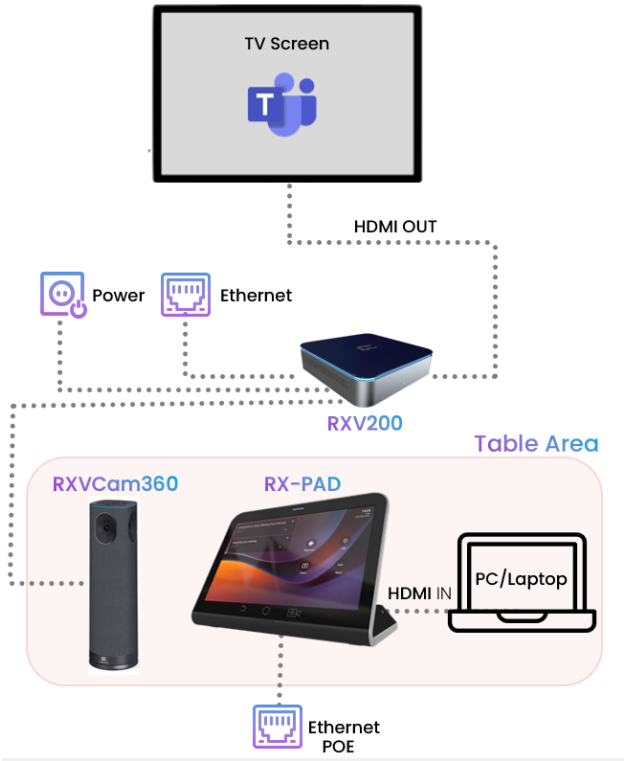
Figure 1-1: RXV200-B20



1.2.3.4 RXV200-B360 Bundle

The figure below illustrates the RXV200-B360 bundle.

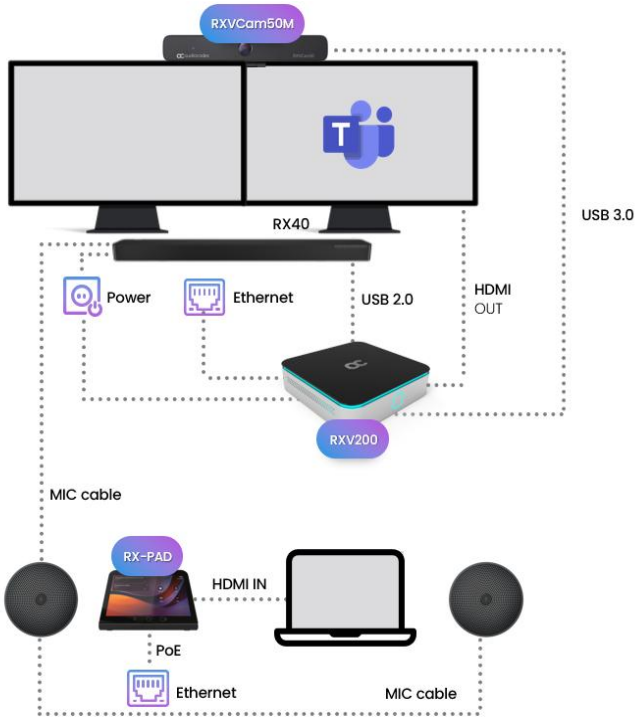
Figure 1-2: RXV200-B360



1.2.3.5 RXV200-B40 Bundle

The figure below illustrates the RXV200-B40 bundle.

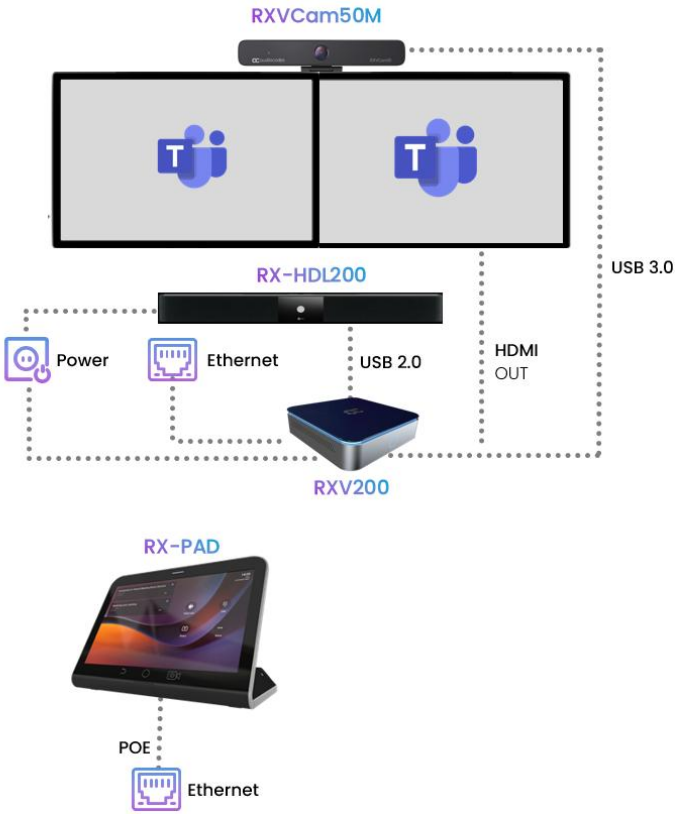
Figure 1-3: RXV200-B40



1.2.3.6 RXV200-B50 Bundle

The figure below illustrates the RXV200-B50 bundle.

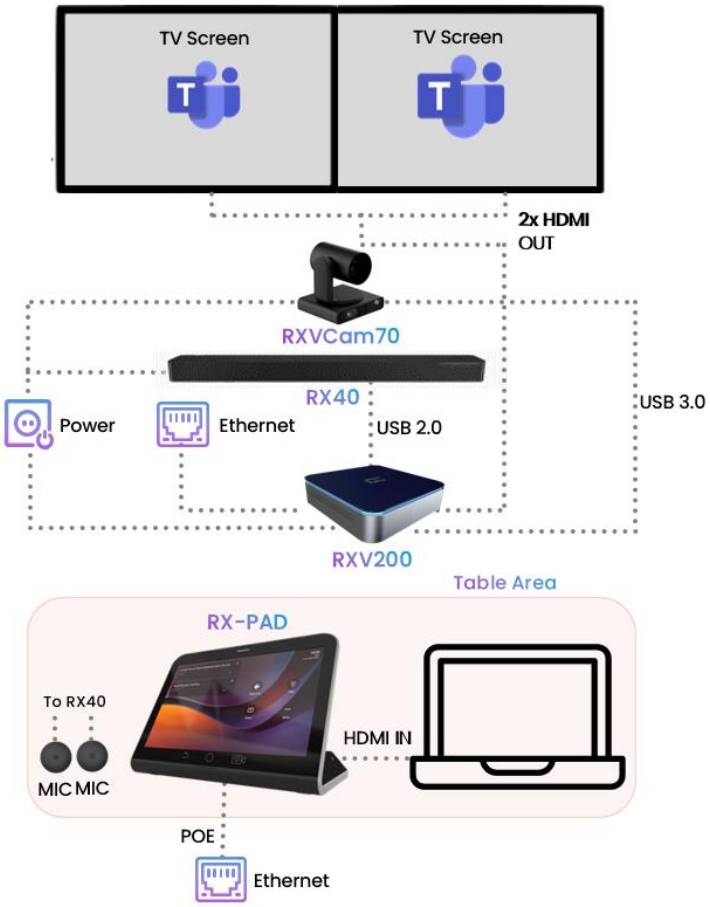
Figure 1-4: RXV200-B50



1.2.3.7 RXV200-B70 Bundle

The figure below illustrates the RXV200-B70 bundle.

Figure 1-5: RXV200-B70



1.2.4 Management

RXV200 bundles are managed using AudioCodes' One Voice Operations Center (OVOC) Device Manager or Microsoft's Teams admin center (TAC), enabling IT admins to monitor and upgrade the devices from anywhere. Using OVOC, IT admins can easily monitor and manage all bundled devices from a centralized location. Management includes:

- Firmware management / upgrade
- Alarm management
- Upgrade the MTR APK

1.2.5 Specifications

For RXV200 specifications, click here.

1.3 RX-PAD

AudioCodes' RX-PAD Meeting Room Controller is a center-of-room intelligent touch controller that provides quick and complete access to AudioCodes meeting room solutions. It enables capabilities such as one-click collaboration initiation with an integrated calendar, simple content sharing and camera adjustments, and much more, all while retaining a modest footprint on the conference room table.

RX-PAD leverages plug-and-play simplicity to provide productive and familiar Microsoft Teams meeting experience, requiring only a PoE cable for quick installation. This cable is inserted into a cleverly designed compartment that prevents it from being accidentally disconnected by a meeting participant.

RX-PAD available as a bundle with:

- RXV81 MTR on Android Video Collaboration Bar
- RXV200 MTR on Android Compute
- See also the AudioCodes website for additional information.

For RX-PAD specifications, click here.

1.4 RXVCam360

AudioCodes RXVCam360 elevates hybrid meetings and collaboration in small rooms and huddle spaces with a sleekly designed 360° conference camera with 4 built-in microphones and speaker system. Designed to optimize the meeting experience in compact settings, the RXVCam360 brings unparalleled clarity and immersion to every interaction.

For the RXVCam360 specifications, click here.

1.5 RXVCam70

The AudioCodes RXVCam70 is a 4K dual-lens PTZ video camera designed for medium and large meeting rooms. The RXCAm70 has a 12x optical zoom close-up lens, a 119º DFOV panoramic lens and built-in mic array, the RXVCam70 delivers an optimal audio and video meeting experience for all participants. Advanced built-in AI features, including auto-framing, speaker tracking and smart gallery, ensure that every moment of every meeting is captured automatically.

The RXVCam70 complements AudioCodes solution bundles for medium-large Android and Windows Microsoft Teams Rooms, enabling an optimized environment for hybrid Teams meetings.

For the RXVCam70 specifications, click here.

1.6 RXVCam50

For RXVCam50 specifications, click here.

1.7 RX15

For the RX15 specifications, click here.

1.8 RX40

For the RX40 specifications, click here.

1.9 RX-HDL200

For the RX-HDL200 specifications, click here.

1.10 RX-PANEL

AudioCodes' RX-PANEL Meeting Room Scheduler is a purpose-built Microsoft Teams Panel with an intuitive touchscreen display. Neatly installed right at the entrance to the meeting room, the RX-PANEL's brightly colored status LED enables users to quickly see the meeting room's availability from a distance. Users can also view the meeting details on its sleek and clear LCD screen and reserve a meeting room on the spot.

RX-PANEL supports the following features:

- Utilizes plug-and-play simplicity to boost the meeting room experience with a dedicated panel showing the meeting details and room availability.
- Easily reserve the room for ad-hoc meetings.
- Unique, clearly visible status LED indicating meeting space availability.
- Glass and wall mountable for a professional and spotless appearance.
- Dedicated special touch buttons (Home and Back).
- High-resolution 8-inch touchscreen.
- Runs Android 12 for improved security.
- Can be managed by AudioCodes Device Manager.

For RX-PANEL specifications, click here.

2 Version 3.0.573

2.1 What's New

> To update **RXV200** or **RX-PAD** to **version 3.0.573**, the devices must first be upgraded to the **transition version 2.8.950**.

The Android WebView app has been updated.

2.1.1 New Microsoft Teams Apps

The following are the new Microsoft Teams app versions:

Table 3: New Microsoft Teams App Versions

MTRA App	Version
Microsoft Teams App MTRA	1449/1.0.96.2025421910 (AKA 2.8.0)
Microsoft IPPhone Admin Agent	803
Authenticator app	6.2509.6046
Microsoft Intune	25.02.1

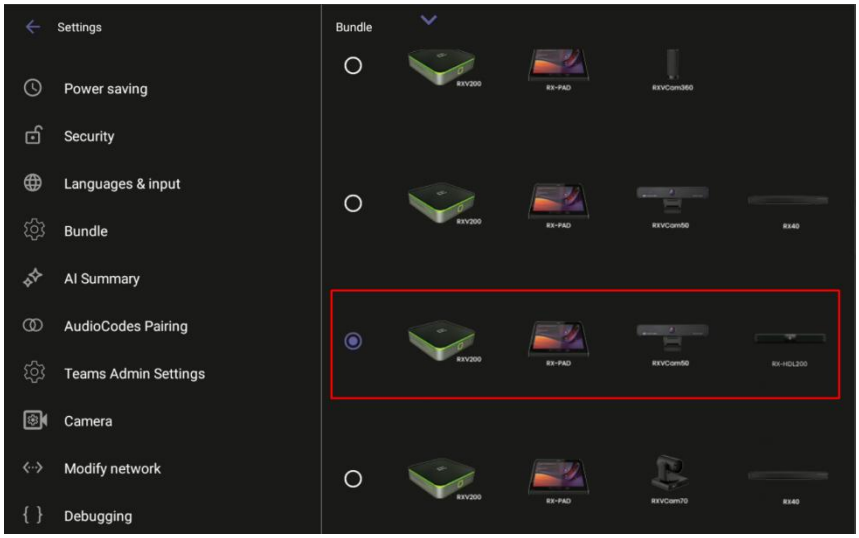
2.1.2 Android OS Update

- **RXV200** and **RX-PAD** have been upgraded to **Android OS 13**.
- **RXV81** is also included in this release and continues to run on **Android OS 12**.
- **RX-PANEL** (running **Android OS 13**) is currently in the **certification cycle** and is expected to be released later this quarter.

2.1.3 New Bundle Supported: RXV200-B50

The new RXV200-B50 bundle has been introduced. This bundle contains an RXV200 AV intelligent hub (MTRA), an RX-PAD meeting controller, an RXVCam50M camera and an RX-HDL200 audio bar. The audio bar is displayed in the following picture:

In the RX UI, the bundle has been added to the Bundles page:

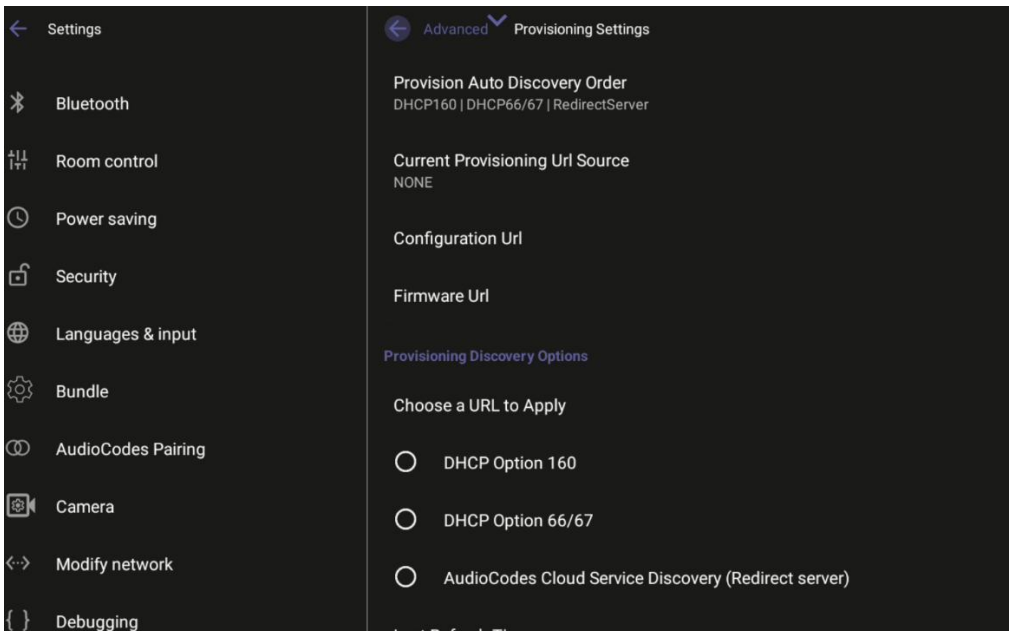


2.1.4 Provisioning Source Auto Discovery Implemented in UI

The provisioning source discovery UI has been changed to allow admins to select the preferred discovery option for a specific device, without affecting other devices. The new discovery option is applied without requiring the device to be restored to factory default.

The new Provisioning Settings page (Device Settings > Debugging > Advanced > Provisioning Settings) replaces the previous Rediscover Provisioning Server page. It allows administrators to:

- View the current provisioning discovery order and source locations.
- Select and apply the requested provisioning source option for the device.
- Refresh the page to update the display with the last changes.



2.1.5 New Boot Animation Screen

The logo on the boot animation screen has been modified to be uniform across all AudioCodes device models.

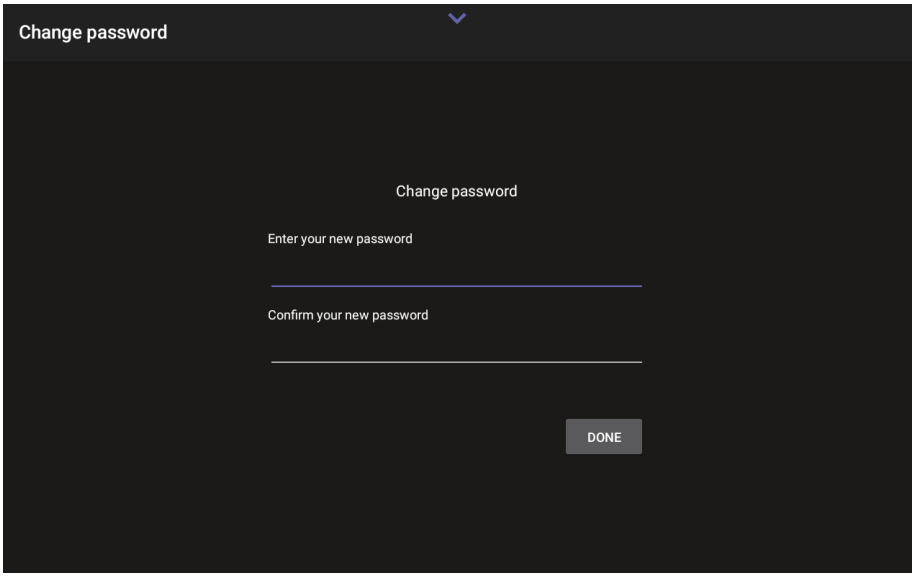
2.1.6 New Pages in the MTRA Setup Wizard

The following pages have been added to the setup wizard:

- **Network Configuration page**. This page provides LAN and WiFi network configuration options. It appears in the wizard after regional settings (language, timezone, region) have been configured, only if no LAN or WiFi connection is detected.

If a network is detected, the page is skipped automatically.

- New Password page. At the end of the setup wizard, this page prompts to change the default admin password:



2.1.7 https://acjira/browse/IPPAN-16573Brute Force Protection for Admin Password

Brute force protection has been applied to the admin login password. After 5 consecutive wrong login attempts, retry is blocked during a period of 1 minute. This period increases with the number of failed attempts to 5, 10, and 15 minutes.

Failed logins are shared for the UI and SSH and are added up together for both. For example, 2 wrong passwords at the UI level and 1 wrong password for SSH access are counted as 3 attempts.

2.1.8 Addition of DigiCert TLS G5 Root Certificates

AudioCodes has added the following DigiCert G5 Root CAs to the well-known trusted root folders:

- DigiCert TLS ECC P384 Root G5
- DigiCert TLS RSA4096 Root G5

For details of these certificates, see https://knowledge.digicert.com/general-information/digicert-trusted-root-authority-certificates#g5roots.

This feature is necessary to grant connectivity of RX devices to the OVOC DM, as certificates were replaced in the DM.

2.1.9 DHCP Option 60 Model Name Configuration

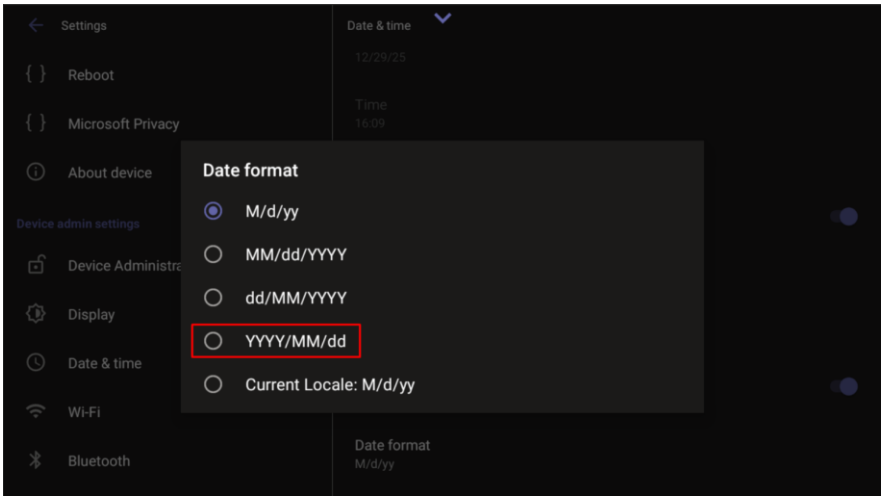
This feature adds support for configuring the Model Name in DHCP Option 60 (Vendor Class Identifier).

For this purpose, a new parameter, **`network/model_name_as_venid`**, has been introduced. This parameter can receive either of the following values:

- **1** (default) – uses the device's Model Name in DHCP Option 60.
- **2** – uses the fixed string "CPE-OCPHONE" in DHCP Option 60.

2.1.10 New Supported Date Format YYYY/MM/DD

The date format YYYY/MM/DD is now supported for all MTRA devices. The admin can set it during the setup wizard or from the Date & Time setting.



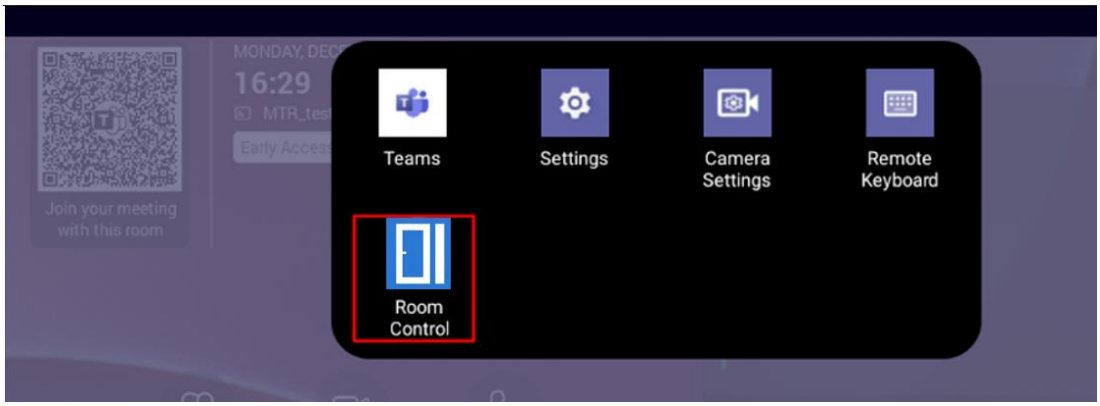
2.1.11 Security Updates

This release introduces several security improvements and hardening measures to enhance the overall system integrity and protection of the platform.

2.1.12 RX-PAD – Customizable Room Control Icon

The RX-PAD can run a web page of a Room Control system that is being placed in the same location as the RX-PAD and resides on the local network.

If the Room Control function is enabled on the device, this release allows for customizing the Room Control icon on the notification bar:



For further information refer to the *RX-PAD Room Controller User's and Administrator's Manual*.

2.2 Resolved Limitations in Version 3.0.573

2.2.1 Device

Table 2-4: Resolved Device Limitations

Incident	Description
IPPAN-17460	In rare occasions, AudioCodes Device Manager requested bugreport collection, but the bugreport did not appear in DM.
IPPAN-17462	[RXV200] A crash could happen on the RXV200 due to ESD when touching the rear metal surface with a USB connector.
IPPAN-17244	[RXV200] RXVCam360 LED did not flash during firmware update to indicate that the device was in the update process.
IPPAN-17172	When setting a static IP on RX-PAD or the RXV200 lead to connection failure, the device did not show a no “No internet” warning indication.
https://acjira/browse/IPPAN-17468IPPAN-17468	[RXV200] In rare occasions, the RXV200 which is set to Composite AI with RXVCam70 + RXVCam360 could display a black screen.
IPPAN-16938	[RXV200] After power reconnect during Wizard setup, camera preview icons could disappear.
IPPAN-16950	[RXV200, RXV81] The device bundle was missing after factory reset via the device power button.
IPPAN-16553	[RXV81] Decoder resolution occasionally dropped display resolution to 1280×720 and not a higher one, 1920*1080.
IPPAN-16503	The MTR device occasionally failed to detect Wi-Fi SSIDs operating on channel 12.
IPPAN-17613	[RXV200] Connecting RX15 speaker with low battery to RXV200 USB could disable the USB port without an overload prompt.

2.2.2 Teams Application

Table 2-5: Resolved Teams Limitations

Incident	Description
-	-

2.3 Known Limitations in Version 3.0.573

2.3.1 Device

Table 2-6: Known Device Limitations

Incident	Description
IPPAN-15349	[RXV81] Abnormal Video in Webex Meetings - During third-party Webex meetings, the RXV81 may present abnormal behavior in both local and remote video streams. This issue is under investigation and a fix is planned for the next release.
IPPAN-15327	[RXV81 as Ad-hoc Peripheral/BYOD] Control Sync Issues - In some cases, control buttons such as 'Mute' and 'Volume +/-' do not function properly on the PC client side, although they work correctly via the RX-PAD or RCU. Rebooting the RXV81 temporarily resolves the issue.
IPPAN-15084	[RXV200] When using the RXVCam360 in Bluetooth mode, audio is only functional during Microsoft Teams meetings. Audio is not available in idle mode (e.g., face-to-face meetings).
IPPAN-16687	[RXV200] When a Huawei IHB3-65SU display is connected to the RXV200 via USB-C for display output, the screen may remain blank after reboot. For deployments using this display, remain on version 2.8.950 and wait for the next 3.0 release.
IPPAN-15499	After ending a meeting, shared content may not reappear when using HDMI IN via the RX-PAD. As a workaround, press **Share** again.
IPPAN-16654	When selecting **Select Presenter Manually**, the presenter mode may remain stuck on **Auto Framing** and fail to switch to **Presenter Tracking**.
IPPAN-14985	[RXV200] In some occasions, the camera shown in Device camera settings menu could differ from the camera used in the meeting.
IPPAN-17792	[RXV200] After upgrading from 2.8.950 to 3.0.573, a "**Sign in required… account change**" pop-up message may appear; dismiss/hide the pop-up as a workaround. A fix is planned for the next release.
IPPAN-17572	[RXV200] On some occasions, depending on the TV display type, the boot animation may intermittently not appear during the reboot of the RXV200.
IPPAN-17671	[Brute Force Protection for Admin Password] Admin password brute force protection may show an incorrect "remaining attempts" count.
IPPAN-17612	[RXV81 with RCU] In rare occasions, the RXV81 remote controller (RCU) may disconnect after reboot or sign-out. A fix is planned for the next release.
IPPAN-17584	[RX-PAD HDMI-IN] In some cases, if the cable is connected slowly, the HDMI input may not be detected and content sharing may fail.
IPPAN-17582	[RX-PAD HDMI-IN] In rare cases, the Share status in the Teams app may not be synchronized with the actual sharing state, although sharing itself works properly.

2.3.2 Teams Application

Table 2-7: Known Teams Application Limitations

Incident	Description
-	-

3 Previous Releases

3.1 Version 2.8.950

Important Note on Firmware Upgrade Path

Due to enhanced security hardening implemented in the devices, direct upgrades from firmware versions **earlier than 2.2.808** to **version 2.8.M4 (2.8.** 947**) or newer** are **not supported**.

To successfully update devices running older firmware, an intermediate upgrade step is required. We recommend upgrading first to **version 2.8.M2 (2.8.855)**, and then proceeding to the latest release.

If you encounter such a case, please reach out to the **AudioCodes support team** for assistance.

3.1.1 What's New

This is a transition release to allow a smooth firmware upgrade of the following devices:

- **RXV200 – from Version 2.8 (OS10) to Version 3.x (OS13)**
- **RX-PAD – from Version 2.8 (OS12) to Version 3.x (OS13)**
- **RX-PANEL – from Version 2.8 (OS12) to Version 3.x (OS13)**

3.1.1.1 New Microsoft Teams Apps

The following are the new Microsoft Teams app versions:

Table 8: New Microsoft Teams App Versions

MTRA App	Version
Microsoft Teams App MTRA	1449/1.0.96.2025325609 (AKA – 2.7.0) For Microsoft's Release Notes for Microsoft Teams Rooms, click here.
Microsoft IPPhone Admin Agent	794

3.1.2 Resolved Limitations in Version 2.8.950

3.1.2.1 Device

Table 3-9: Resolved Device Limitations

Incident	Description
IPPAN-16747	The AI Summary will not join meetings when the device language is set to a non-English language.
IPPAN-16297	In some cases, the RX-PAD camera list may appear empty or show disconnected cameras.
IPPAN-16771	[RXV200 with dual screen] If one of the screens is a touch screen, the device may get stuck on *"Teams device is starting"* after restoring to default settings.

Incident	Description
IPPAN-16408	[RXV200] When using HDMI-In to share a laptop screen from an AMD-based laptop, the shared screen may flicker.
IPPAN-16910	A *"Thumbprint has failed verification"* warning message may appear after a firmware upgrade, requiring an additional upgrade to recover.
IPPAN-16694	After pairing with a touch screen, the Touch Wizard may remain on the Settings page.
IPPAN-16747	When the device language is not English, the AI Summary service will not be able to start and join the meeting.

3.1.2.2 Teams Application

Table 3-10: Resolved Teams Limitations

Incident	Description
-	-

3.1.3 Known Limitations in Version 2.8.950

3.1.3.1 Device

Table 3-11: Known Device Limitations

Incident	Description
IPPAN-15349	[RXV81] Abnormal Video in Webex Meetings - During third-party Webex meetings, the RXV81 may present abnormal behavior in both local and remote video streams. This issue is under investigation and a fix is planned for the next release.
IPPAN-15327	[RXV81 as Ad-hoc Peripheral/BYOD] Control Sync Issues - In some cases, control buttons such as 'Mute' and 'Volume +/-' do not function properly on the PC client side, although they work correctly via the RX-PAD or RCU. Rebooting the RXV81 temporarily resolves the issue.
IPPAN-15084	[RXV200] When using the RXVCam360 in Bluetooth mode, audio is only functional during Microsoft Teams meetings. Audio is not available in idle mode (e.g., face-to-face meetings).
IPPAN-17126	[RXV200 with RXVCam360] On some occasions, upgrading the RXVCam360 firmware via the RXV200 might fail in the first attempt. Rebooting the RXVCam360 helps to resolve the issue.
IPPAN-16687	Occasionally, when re-plugging the USB-C cable to display content on the MTR, no signal appears on the screen. Reconnecting the cable again resolves the issue.
IPPAN-15499	After ending a meeting, shared content may not reappear when using HDMI IN via the RX-PAD. As a workaround, press **Share** again.
IPPAN-16503	The MTR device may occasionally fail to detect Wi-Fi SSIDs operating on channel 12.
IPPAN-16654	When selecting **Select Presenter Manually**, the presenter mode may remain stuck on **Auto Framing** and fail to switch to **Presenter Tracking**.

3.1.3.2 Teams Application

Table 3-12: Known Teams Application Limitations

Incident	Description
-	-

3.2 Version 2.8.917

> **Important Note on Firmware Upgrade Path**
>
> Due to enhanced security hardening implemented in the devices, direct upgrades from firmware versions **earlier than 2.2.808** to **version 2.8.M3 (2.8.917) or newer** are **not supported**.
>
> To successfully update devices running older firmware, an intermediate upgrade step is required. We recommend upgrading first to **version 2.8.M2 (2.8.855)**, and then proceeding to the latest release.
>
> If you encounter such a case, please reach out to the **AudioCodes support team** for assistance.

3.2.1 What's New

> - For a list of new MTRA Teams app features and resolved limitations in the Teams app, click here.
> - For a list of new Panel's Teams app features and resolved limitations in the Teams app, click here.
> - For a list of known issues with Teams on Android devices, click here.

3.2.1.1 Updated MTRA Microsoft Teams Apps

The following are the updated MTRA app versions:

Table 13: Updated MTRA App Versions

MTRA App	Version
MTRA Microsoft Teams App MTRA	Version 2.6.3 [1449/1.0.96.2025223801] For Microsoft's Release Notes for Microsoft Teams Rooms, click here.
RX-PANEL Teams App	Version 3.4.2 App [1449/1.0.97.2025120101] For more information, click here.
Admin Agent	Version 784
Authenticator App	Version 6.2505. 3166
Microsoft Intune	Version 25.02.1

MTRA App Updates

The following have been added to the MTRA app:

- Panels 3.4.2 App [1449/1.0.97.2025120101]

- Fixes for AOSP and calendar.

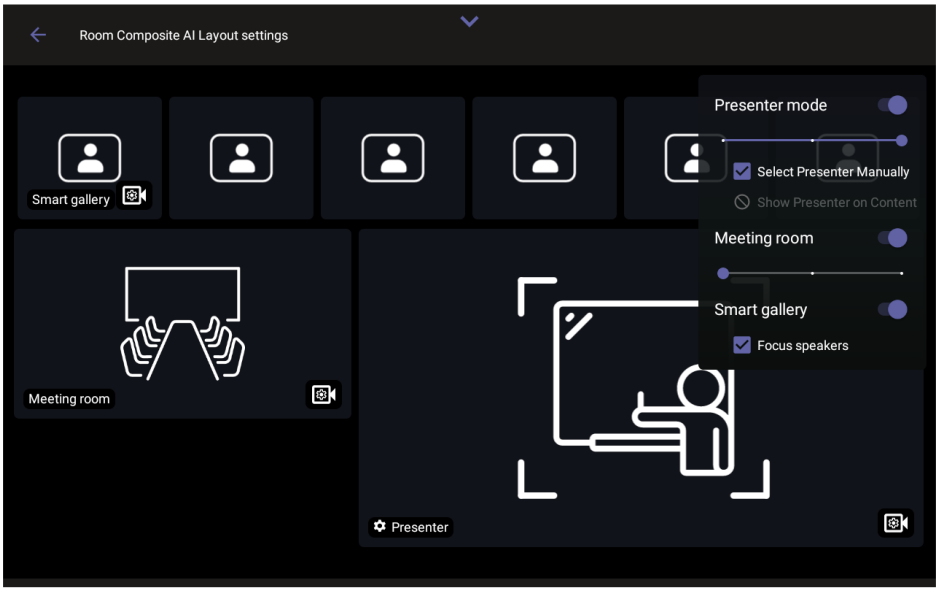
- MTRA 2.6.3 [1449/1.0.96.2025223801]
  - Resolved an issue where the automatic pairing between the console and room device malfunctioned on some devices.
  - Resolved an issue where Government cloud customers were asked to sign in again on device after a remote sign in to the device.
  - Fixed an issue where the calendar on the device sometimes failed to refresh.
  - General improvements to address unexpected sign outs.

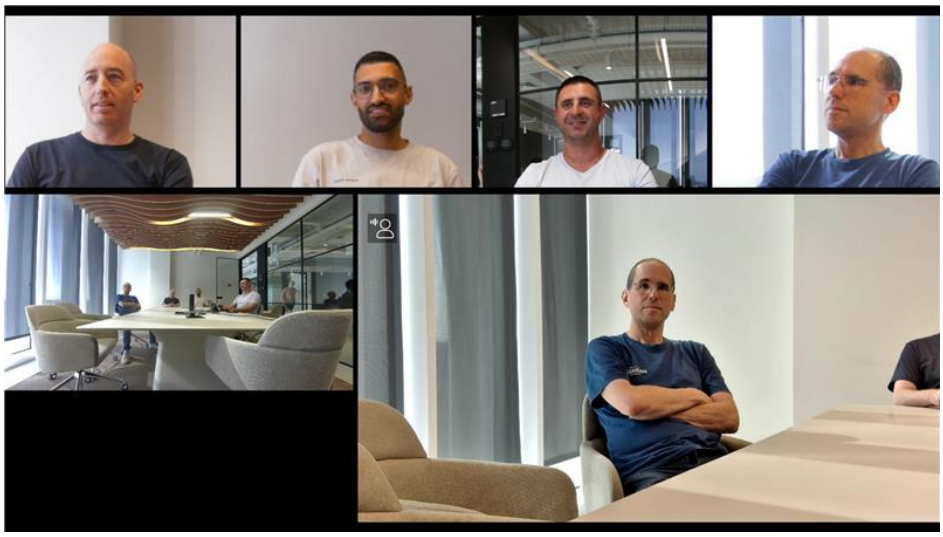
3.2.1.2 Composite AI: Support for Three Cameras in a Single Layout

This feature delivers an optimized room experience by combining a **full-room view**, **Smart Gallery**, and **Speaker Tracking** into a single, unified layout, all displayed simultaneously.

To achieve this, Composite AI now supports input from **three cameras**:

- **RXVCam360**
- **RXVCam70 wide-angle camera**
- **RXVCam70 PTZ camera**



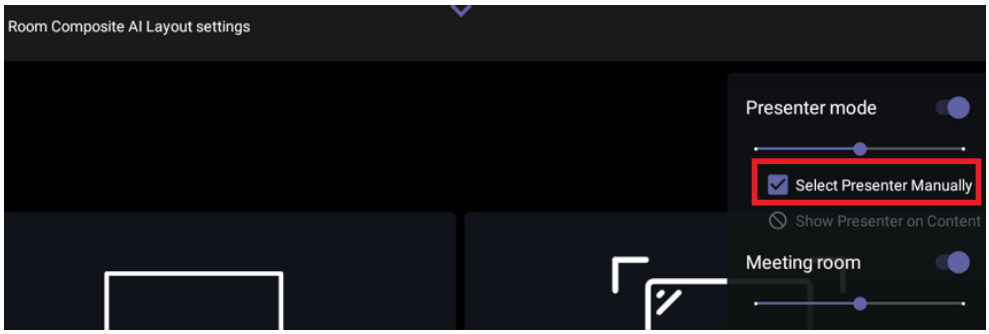


3.2.1.3 New Option for Composite AI Presenter Tracking

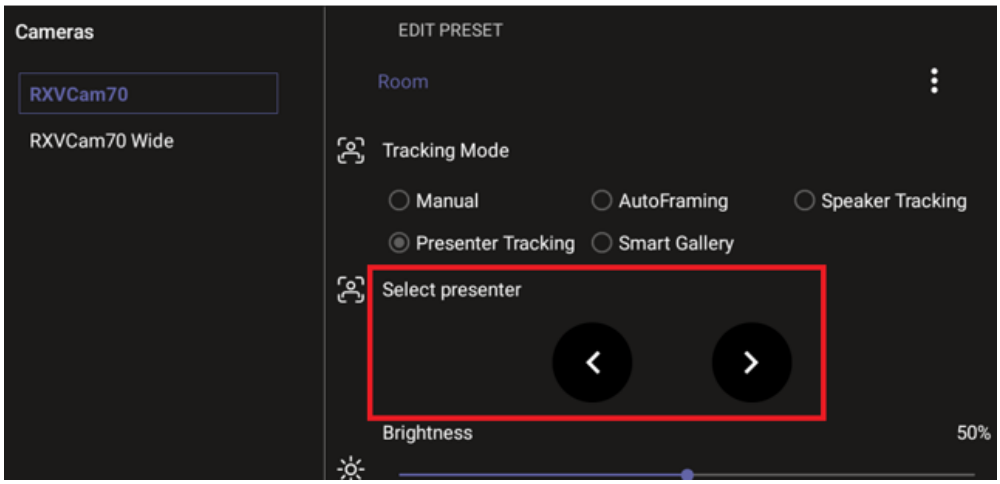
In addition to the existing **Speaker Tracking** option, you can now manually select a specific person to be tracked as the presenter, giving you more flexibility in managing the presentation flow.
This feature is available in **Composite AI** mode and can be set via the RX-PAD.

To use the feature:

1. Go to **Camera Settings > Room Composite AI Layout Settings**.
2. Enable **Presenter Mode**, and check **Select Presenter Manually**.



3. Using the **<** **>** arrows under 'Select presenter', move from person to person recognized in the display until you reach the presenter.



3.2.1.4 Composite AI Show Presenter on Content – Now Also Available via RX-PAD HDMI-IN

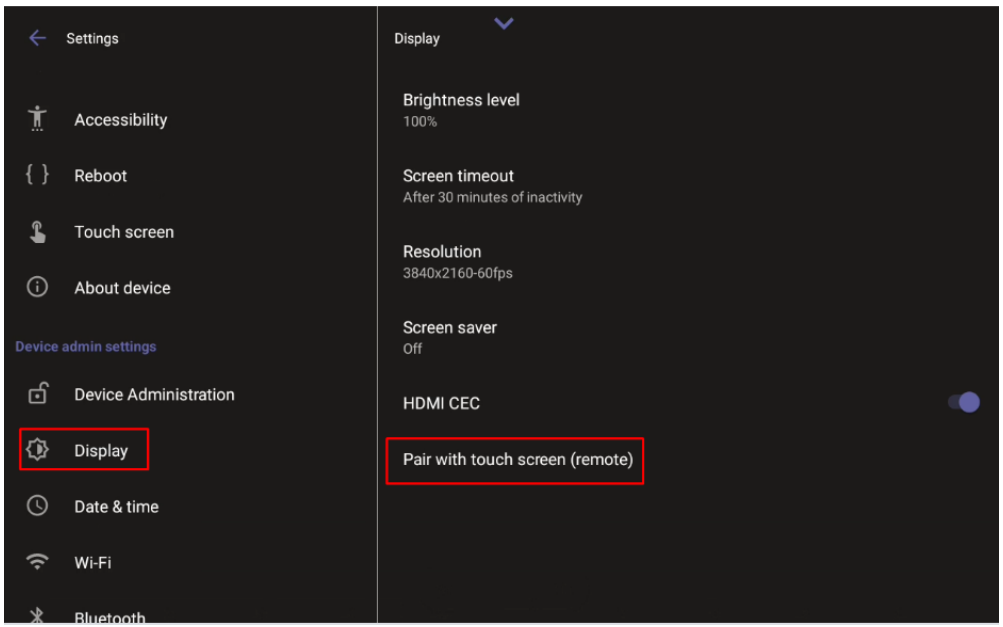
The *Show on Content* feature, previously available through the RXV200 HDMI-IN port, is now also supported via the RX-PAD HDMI-IN. For more details, click here.

3.2.1.5 RXV200 Supporting Display and Touch via USB-C Connection

RXV200 now supports using the Type C port on the device to be connected to a touch screen display via a single Type C cable, instead of the existing combination of HDMI and USB-B connections. Through this cable, both display and touch functionalities are fully delivered to the TV.

When switching to connecting with USB-C, you may need to pair the touch screen again before it can work. To do this on the RX-PAD:

1. Go to **Settings** and log in to **Device Administration**.
2. Tap **Display**, then **tap Pair with touch screen (remote)**.

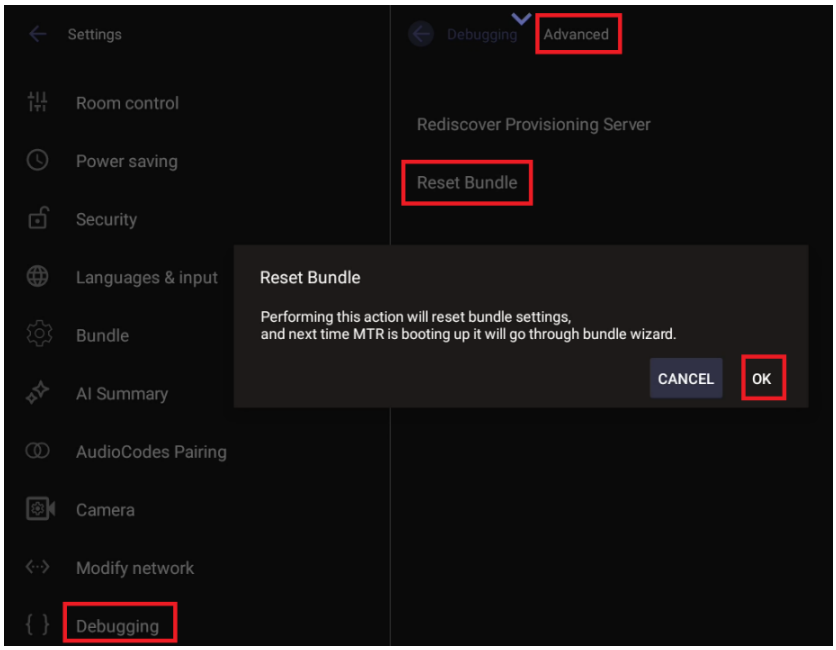


3.2.1.6 New Option to Reset Bundle from Device UI

The MTRA bundle can be reset from the Admin UI of the RX-PAD. This reset removes the current bundle settings. Subsequently, upon reboot, the (already existing) bundle wizard will be displayed, where the new bundle type can be selected.

To reset the bundle:

1. In the UI, go to **Settings** and log in to **Device Administration**.
2. Scroll down and navigate to **Debugging** > **Advanced** > **Reset Bundle**, then tap **OK**.



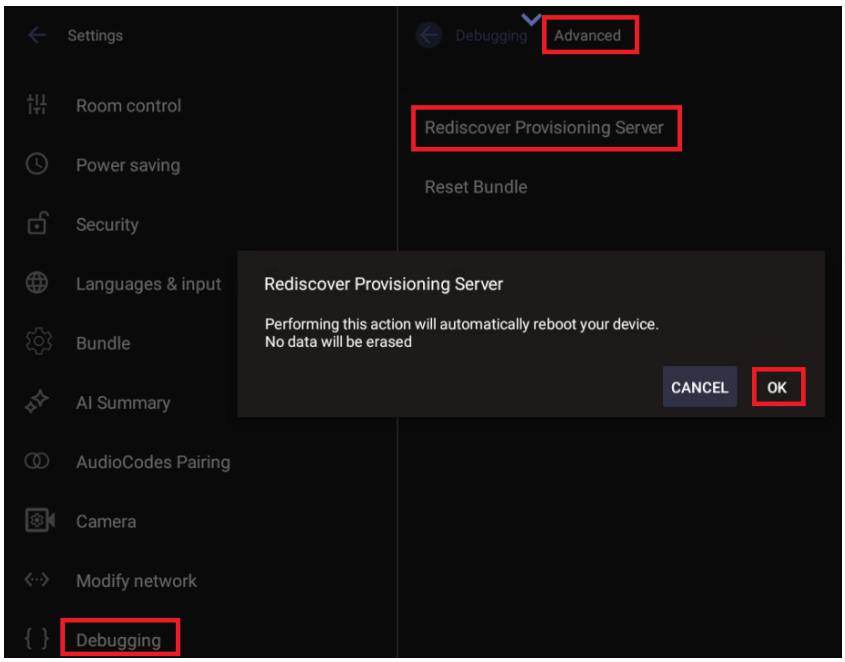
3.2.1.7 Provisioning Source Auto Discovery Enhancement

The Provisioning Source Auto Discovery mechanism has been enhanced to allow admins to specify, for each individual device, the DHCP option to be used as the default provisioning source (DHCP 160, DHCP 66/67) or Redirect.

If the default DHCP option is blank, the system automatically tries the next option until it finds an option with a value or no option is left. The default order of these options is *DHCP 160 – DHCP 66/67 – Redirect*, but now admins can set the first option for each device upon provisioning configuration.

3.2.1.8 Provisioning Reset - Changed Command Name

The Reset Provisioning command has been renamed to Rediscover Provisioning Server, to better reflect its function. This command resets the device's provisioning settings, allowing it to connect another provisioning server (if one is configured).



3.2.1.9 RXVCam360 Stability Improvements

The camera bundled firmware has been updated to improve the stability of the RXVCam360 camera.

3.2.2 Resolved Limitations in Version 2.8.917

3.2.2.1 Device

Table 3-14: Resolved Device Limitations

Incident	Description
IPPAN-16077	In RX-PAD and RXV200/RXV81 systems, an unnecessary rectangle border appears on the MTRA screen after exiting the Device Settings UI.
IPPAN-15602	Static Network Settings is not reflecting when using it from the Microsoft TAC edit settings pane.
IPPAN-16002	Clicking the UI 'Back' option in Device Settings page does not work on some of the screens. The Administrator can always use the circle key to go back to 'Home'.
IPPAN-16627	The Teams app is not being recovered automatically from a crash without requiring user action (but recovers if the user presses on the 'Back' UI key).
IPPAN-15244	The 'Teams Admin Settings' option is available even after signing out from Teams.
IPPAN-16366	Camera settings for the Wide camera of RXVCam70 should be greyed out (since there are no settings for this particular camera).
IPPAN-16348	The debugging option 'TCP dump' is not working.
IPPAN-15617	On some occasions, when disconnecting and reconnecting the RXVCam50, the camera isn't shown in the RX-PAD Camera settings -> Camera list, during a meeting.
IPPAN-15420	[RXPad-RXV200 - HDMI IN Wireless] When starting casting while the HDMI IN cable is unplugged, sometimes the previous casted screen is displayed.
IPPAN-14998	[RXV200] RXVCam360 Preview Freezes When Changing Tracking Mode - In certain scenarios, the camera preview from the RXVCam360 may freeze when switching tracking modes. To recover, the user can disconnect and re-join the meeting.

3.2.2.2 Teams Application

Table 3-15: Resolved Teams Limitations

Incident	Description
IPPAN-16254	The RXV200 physical HDMI-IN works abnormally (treated as one of the MTRA cameras).

3.2.3 Known Limitations in Version 2.8.917

3.2.3.1 Device

Table 3-16: Known Device Limitations

Incident	Description
IPPAN-15349	[RXV81] Abnormal Video in Webex Meetings - During third-party Webex meetings, the RXV81 may present abnormal behavior in both local and remote video streams. This issue is under investigation and a fix is planned for the next release.
IPPAN-15327	[RXV81 as Ad-hoc Peripheral/BYOD] Control Sync Issues - In some cases, control buttons such as 'Mute' and 'Volume +/-' do not function properly on the PC client side, although they work correctly via the RX-PAD or RCU. Rebooting the RXV81 temporarily resolves the issue.
IPPAN-15084	[RXV200] When using the RXVCam360 in Bluetooth mode, audio is only functional during Microsoft Teams meetings. Audio is not available in idle mode (e.g., face-to-face meetings).
IPPAN-16747	The AI Summary will not join meetings when the device language is set to a non-English language. *Fixed in the next release.*
IPPAN-16407	The TV screen may flicker when the RXV200 HDMI IN is connected to an AMD-based PC. *Fixed in the next release.*
IPPAN-16694	After pairing with a touch screen, the Touch Wizard may remain on the Settings page. *Fixed in the next release.*
IPPAN-16687	Occasionally, when re-plugging the USB-C cable to display content on the MTR, no signal appears on the screen. Reconnecting the cable again resolves the issue.
IPPAN-15499	After ending a meeting, shared content may not reappear when using HDMI IN via the RX-PAD. As a workaround, press **Share** again.
IPPAN-16297	In some cases, the RX-PAD camera list may appear empty or show disconnected cameras.
IPPAN-16503	The MTR device may occasionally fail to detect Wi-Fi SSIDs operating on channel 12.
IPPAN-16654	When selecting **Select Presenter Manually**, the presenter mode may remain stuck on **Auto Framing** and fail to switch to **Presenter Tracking**.

3.2.3.2 Teams Application

Table 3-17: Known Teams Application Limitations

Incident	Description
-	-

3.3 Version 2.8.855

3.3.1 What's New

- For a list of new MTRA Teams app features and resolved limitations in the Teams app, click here.
- For a list of new Panel's Teams app features and resolved limitations in the Teams app, click here.

3.3.1.1 Updated MTRA Microsoft Teams Apps

The following are the updated MTRA app versions:

Table 18: Updated MTRA App Versions

MTRA App	Version
MTRA Microsoft Teams App MTRA	Version 2.6.0 [1449/1.0.96.2025203502] For Microsoft's 'Release Notes for Microsoft Teams Rooms', click here.
RX-PANEL Teams App	Version 3.4.0 App [1449/1.0.97.2025086303] For more information, click here.
Admin Agent	Version 784
Authenticator App	Version 6.2505.3166
Microsoft Intune	Version 25.02.1

MTRA App Updates

The following have been added to the MTRA app:

- Panels 3.4.0 App [1449/1.0.97.2025086303]

  Occupancy state: Teams panels can now intelligently detect room usage by leveraging signals from Teams Rooms devices or connected occupancy sensors. For example, the panel's LED glow can reflect real-time occupancy, helping users avoid entering a room that appears available but is actually in use. Requires a Teams Rooms Pro or Shared Devices license (for more information, see Occupancy state on Teams panels).

  This feature has not yet started rolling out to GCC environments. Stay tuned for updates.

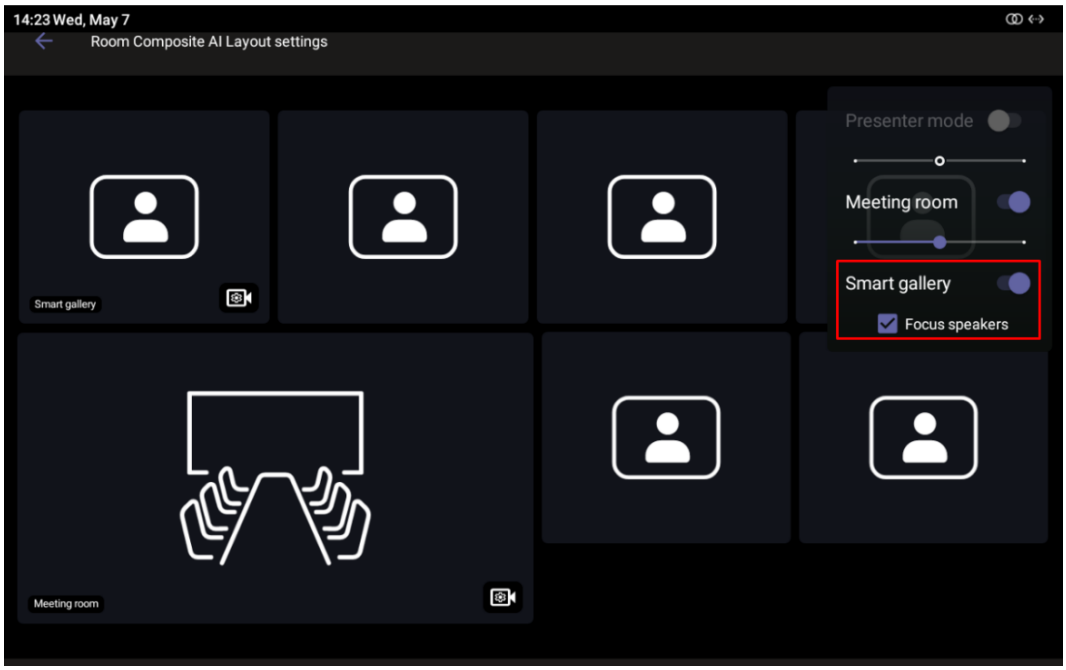
- Teams MTRA 2.6.0
  - **Real time text (RTT) support:** Users can view real time text (RTT) messages on the front of room display. If users wish to send RTT messages, they will need to join the meeting with their laptop/mobile as a companion device. This feature is currently in TAP/Beta ring on Teams desktop and mobile.
  - Resolved Issues:
    - Fixed an issue where explicit consent for Microsoft Copilot was not being displayed on Teams Rooms Android
    - Fixed an issue where layout options were not being shown when content was shared
    - Resolved an issue where dual display mode was being set automatically.
    - Fixed crashes leading to meeting drops in some situations.

3.3.1.2 Composite AI Discussion Mode - Focus Speakers (Supported with RXVCam360)

This feature enhances the Smart Gallery view in Composite AI rooms by prioritizing active speakers, allocating them in larger tiles instead of displaying all participants in equal-sized frames, when up to 3 speakers are supported.

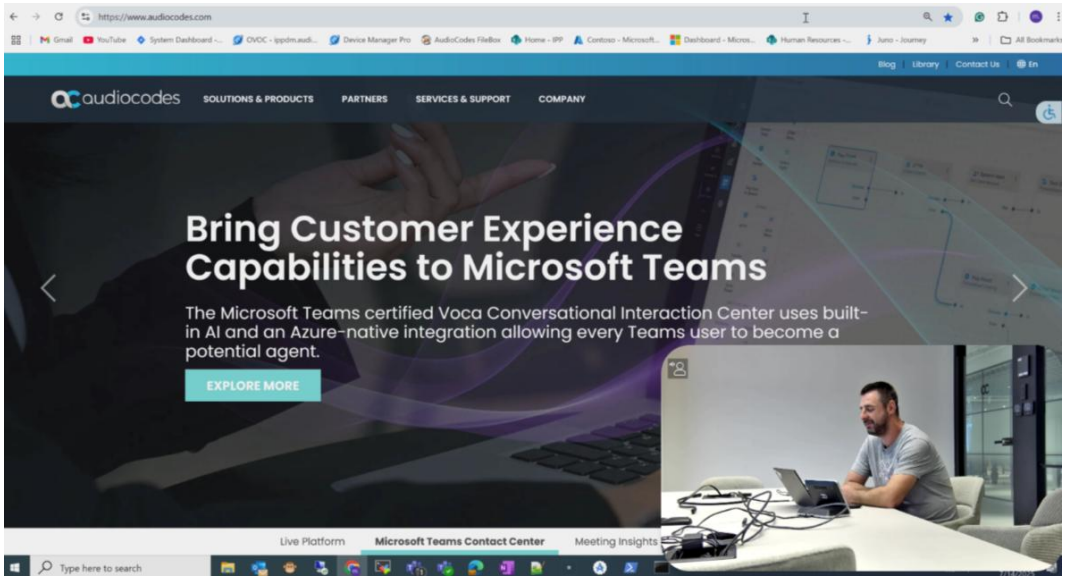
Users can focus on speakers in the room by selecting the new **Focus Speakers** icon under **Camera Settings > Room Composite AI Layout Settings** on the RX-PAD.

For non-supported cameras (such as RXVCam70) the Focus speaker option is grayed out.



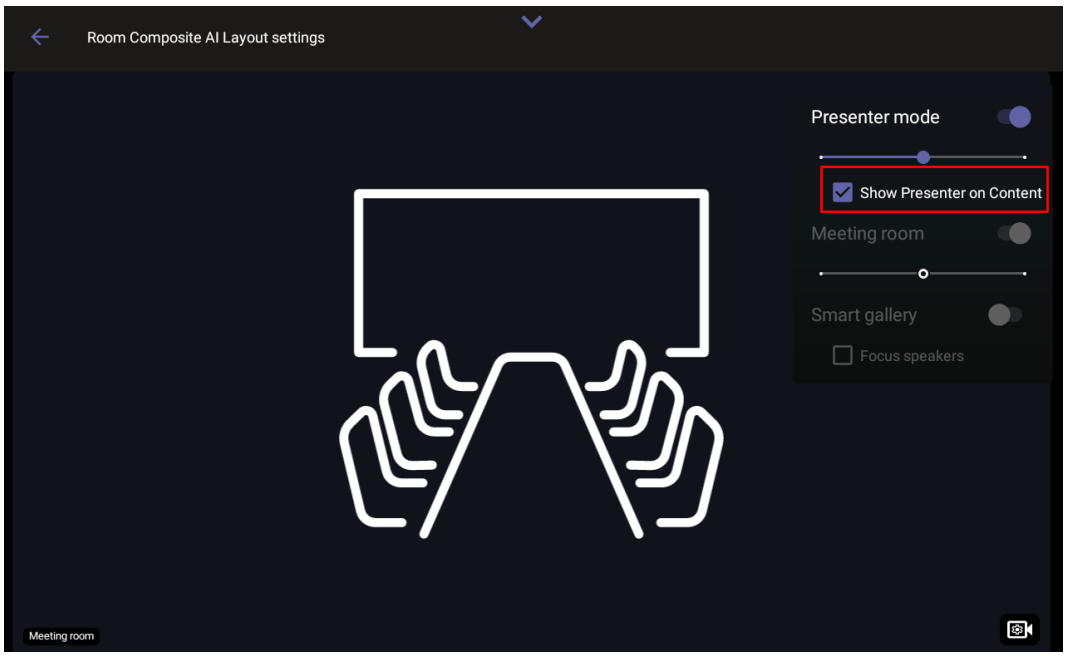
3.3.1.3 Composite AI Place Presenter - Show on Content (Supported with RXVCam70)

Presenters can now keep themselves in focus during meetings by appearing **on top of shared content**. This new feature uses the RXVCam70 **PTZ camera** Speaker Tracking to focus on the speaker and places their video feed in the **bottom-right corner** of the screen, overlaid on the shared content.



Currently supported when presenting the content via the RXV200 HDMI-In port.

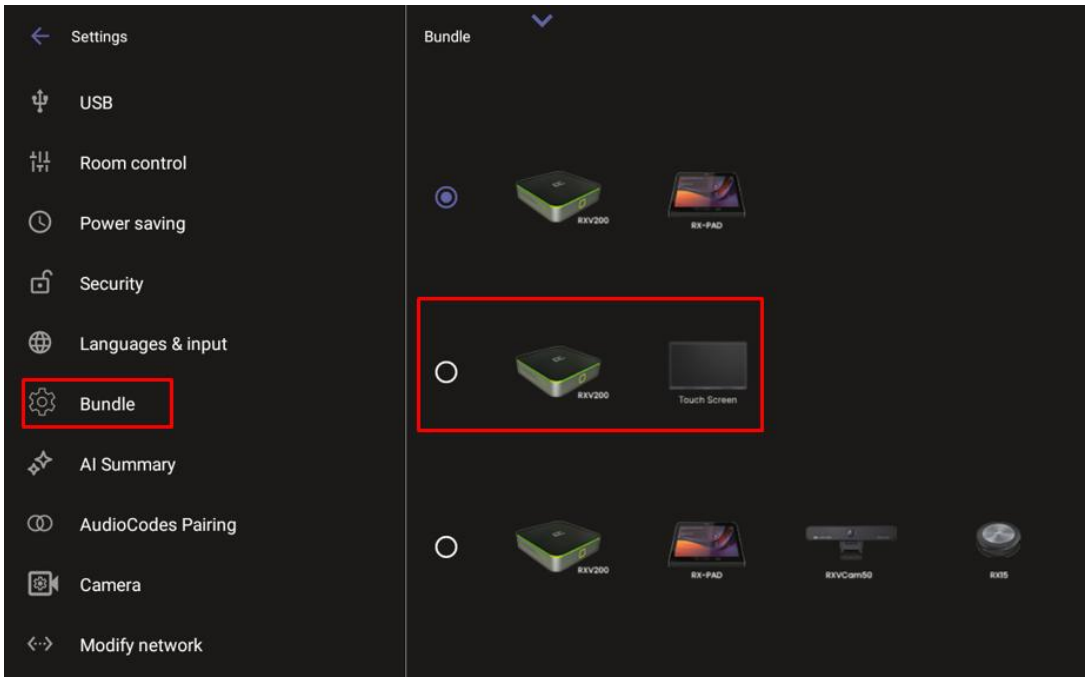
- Can be enabled or disabled via the **RX-PAD** using the **Show Presenter on Content** option (available in **Composite AI mode**).



3.3.1.4 New Bundle – RXV200 with Touch Screen Display

RXV200 AV compute unit can now integrate with the client's touch screens without the need for an RX-PAD.

The new bundle (RXV200-B09) exists under the bundle menu:

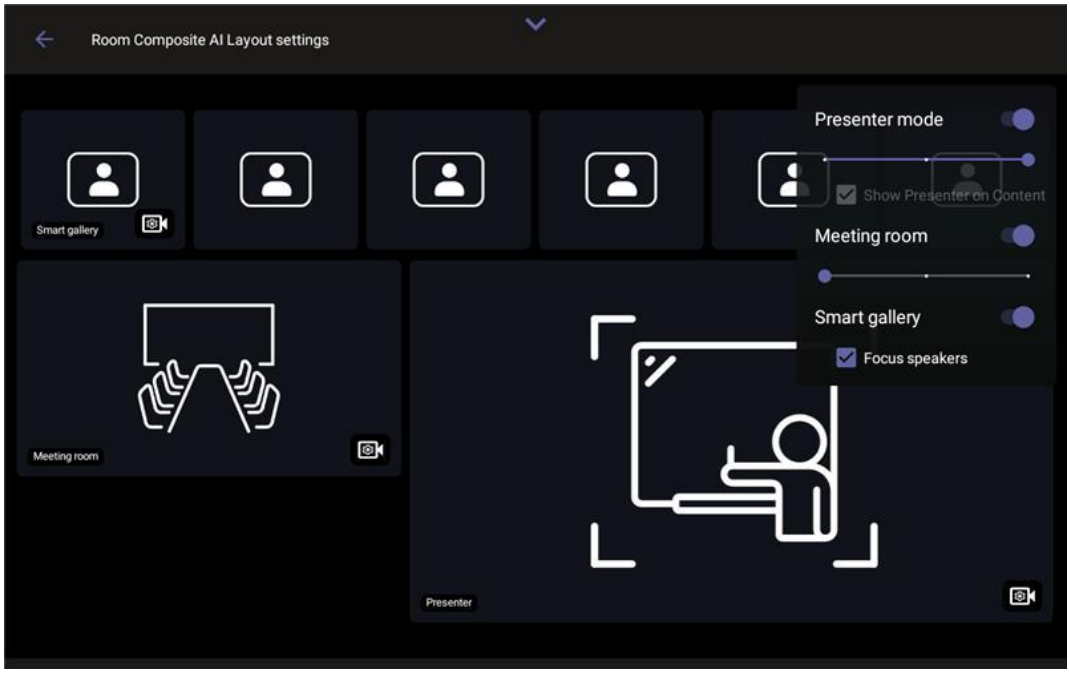


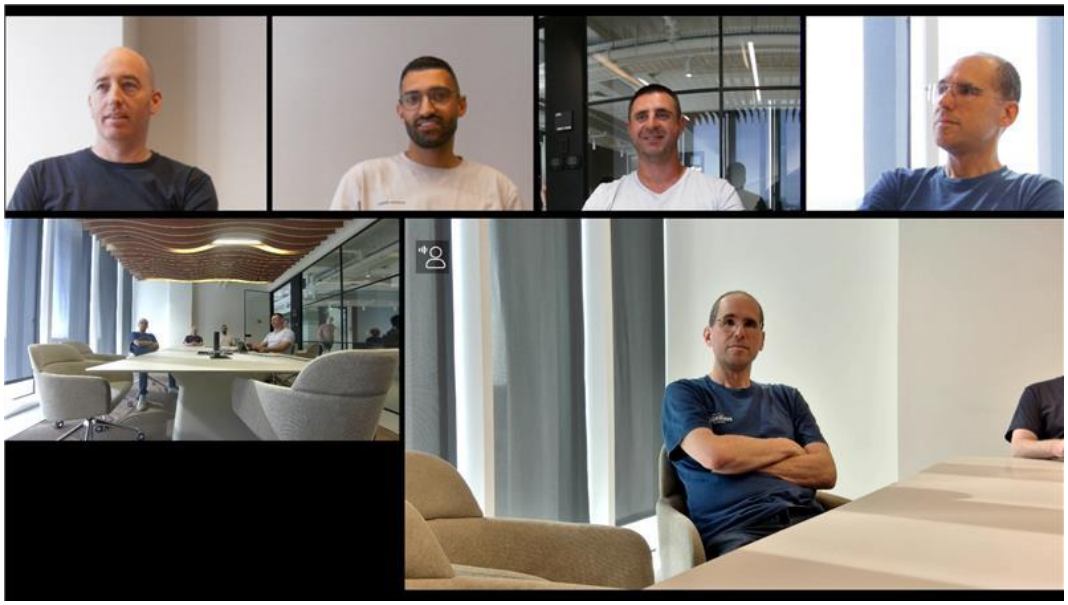
3.3.1.5 Feature in Preview – Composite AI: Support for Three Cameras in a Single Layout

This preview feature delivers an optimized room experience by combining a **full-room view**, **Smart Gallery**, and **Speaker Tracking** into a single, unified layout—all displayed simultaneously.

To achieve this, Composite AI now supports input from **three cameras**:

- **RXVCam360**
- **RXVCam70 wide-angle camera**
- **RXVCam70 PTZ camera**

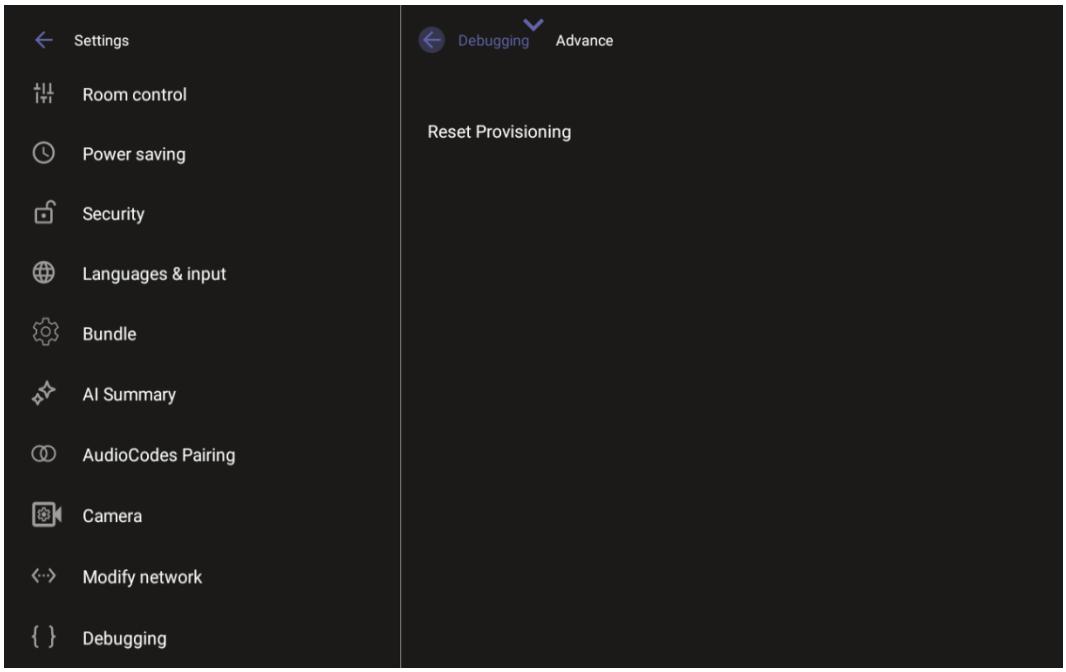


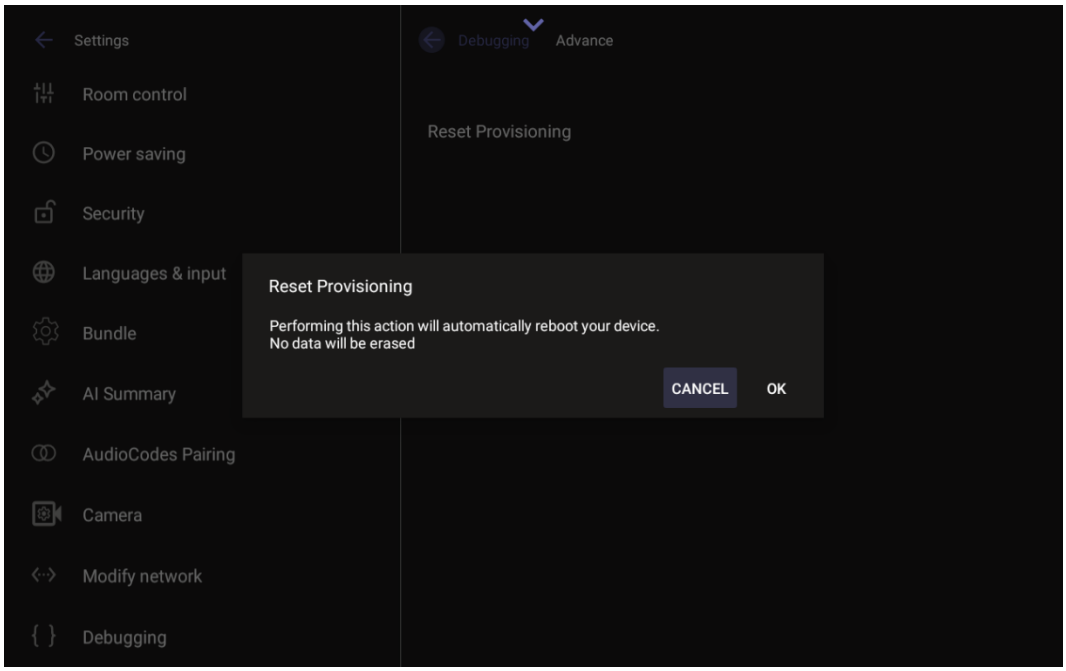


3.3.1.6 Reset Provisioning Option for Admins

Admins can now perform a **Reset Provisioning** action to clear all provisioned values and reinitiate contact with the pre-configured provisioning URLs and device configuration. It is important to mention that prior to this improvement, the method of removing previous provisioning parameters was to perform a factory reset to the device.

- This is an admin-only action that displays a confirmation prompt indicating that a reboot will automatically occur before execution.
- The **Reset Provisioning** action automatically reboots the device once the reset is completed.





3.3.2 Resolved Limitations in Version 2.8.855

3.3.2.1 Device

Table 3-19: Resolved Device Limitations

Incident	Description
IPPAN-15533	**[RXV200]**: In certain cases, when a Crestron switch is connected to the RXV200's HDMI-In port, the device fails to share content from the connected laptop.
IPPAN-15882	**[RXV200]**: On some TV models, when CEC is enabled and the TV is turned off, the RXV200 enters sleep mode. Waking the RX-PAD does not wake the TV as expected.
IPPAN-15780	**[RX-PAD]**: In rare scenarios, the RX-PAD's physical buttons become unresponsive after a prolonged meeting.
IPPAN-15403	**[RXV200]**: Occasionally, when using the RXV200 with dual displays, one of the screens may remain blank after a reboot.
IPPAN-15638	**[HDMI-In via RX-PAD]**: In rare cases, content sharing via the RX-PAD's HDMI-In port does not automatically start after a reboot.
IPPAN-15634	**[RX-PAD with RXV200]**: Sleep mode behavior improved — the RX-PAD now dims the display instead of turning it off completely during sleep, as the Teams app was previously unable to wake it in time for nightly reboots.
IPPAN-15576	**[RXV200]**: When the RXV200 is reset to factory defaults without a connected camera, the device incorrectly enters Recovery mode.
IPPAN-15577	**[RXV81]**: When repeatedly connecting and disconnecting an HDMI cable for content sharing via the RX-PAD's HDMI-In port, sharing would stop functioning.

3.3.2.2 Teams Application

Table 3-20: Resolved Teams Limitations

Incident	Description

3.3.3 Known Limitations in Version 2.8.855

3.3.3.1 Device

Table 3-21: Known Device Limitations

Incident	Description
IPPAN-15349	[RXV81] Abnormal Video in Webex Meetings - During third-party Webex meetings, the RXV81 may present abnormal behavior in both local and remote video streams. This issue is under investigation and a fix is planned for the next release..
IPPAN-15327	[RXV81 as Ad-hoc Peripheral/BYOD] Control Sync Issues - In some cases, control buttons such as 'Mute' and 'Volume +/-' do not function properly on the PC client side, although they work correctly via the RX-PAD or RCU. Rebooting the RXV81 temporarily resolves the issue.

Incident	Description
IPPAN-15084	[RXV200] When using the RXVCam360 in Bluetooth mode, audio is only functional during Microsoft Teams meetings. Audio is not available in idle mode (e.g., face-to-face meetings).
IPPAN-14998	[RXV200] RXVCam360 Preview Freezes When Changing Tracking Mode - In certain scenarios, the camera preview from the RXVCam360 may freeze when switching tracking modes. To recover, the user can disconnect and re-join the meeting.

3.3.3.2 Teams Application

Table 3-22: Known Teams Application Limitations

Incident	Description
-	-

3.4 Version 2.8.574

3.4.1 What's New

- For a list of new MTRA Teams app features and resolved limitations in the Teams app, click here.
- For a list of new Panel's Teams app features and resolved limitations in the Teams app, click here.
- Audio firmware for RXV81 MTRA has been updated in this release.
- RXVCam360 video firmware for RXV200 MTRA has been updated in this release.

3.4.1.1 Updated MTRA Microsoft Teams Apps

The following are the updated MTRA app versions:

Table 23: Updated MTRA App Versions

MTRA App	Version
MTRA Microsoft Teams App MTRA	Version 2.5.0 [1449/1.0.96.2025126202] For Microsoft's 'Release Notes for Microsoft Teams Rooms', click here.
RX-PANEL Teams App	Version 3.4.0 App [1449/1.0.97.2025086303] For more information, click here.
Admin Agent	Version 753
Authenticator App	Version 6.2410.7268
Microsoft Intune	Version 24.09.1

What's New in the Teams Apps

The following are the added to the MTRA app:

- Panels 3.4.0 App [1449/1.0.97.2025086303]

  Occupancy state Teams panels can now smartly utilize signals from Teams Rooms devices or occupancy sensors paired with panels to indicate when a room is in use (e.g. LED glow), so you're not surprised to find an available room is actually occupied. Requires a Teams Rooms Pro or Shared Devices. For more information, see Occupancy state on Teams panels. Please note that this feature hasn't started to roll out to GCC. Stay tuned for updates.

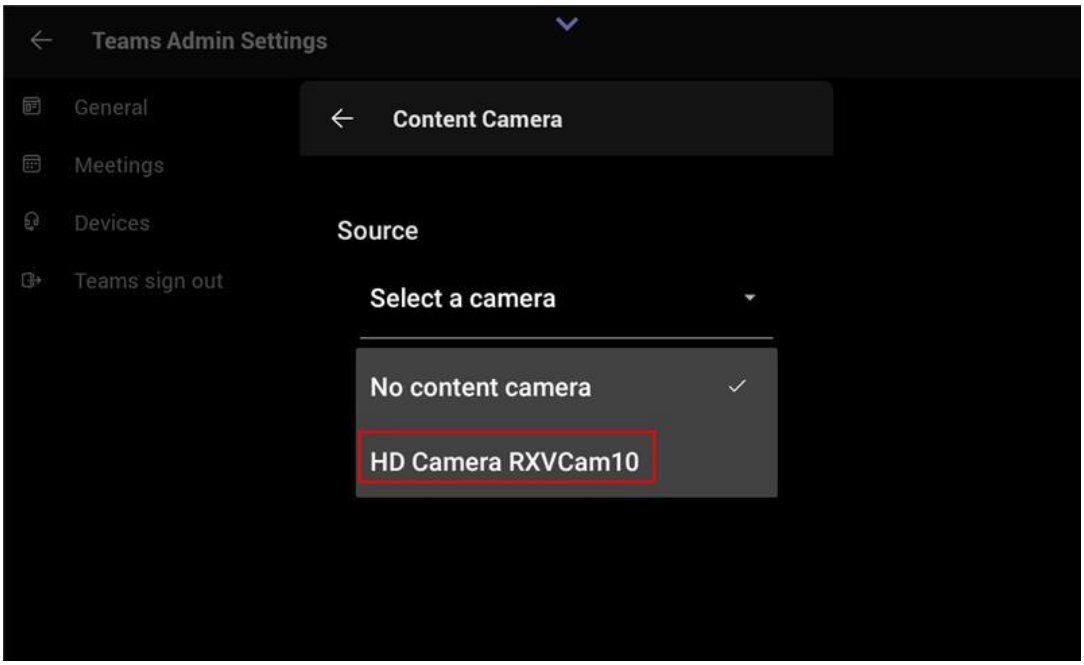
- Teams MTRA 2.5.0 [1449/1.0.96.2025126202]

  - **Disabled auto accept for external tenant nudges:** Teams Rooms on Android will now also no longer automatically accept any Proximity joins using an external account for security reasons.
  - **Local PTZ controls:** If the camera is not currently auto-framing the room, in-room users can control the Pan-Tilt-Zoom (PTZ) of the active camera to keep the focus where they want it.

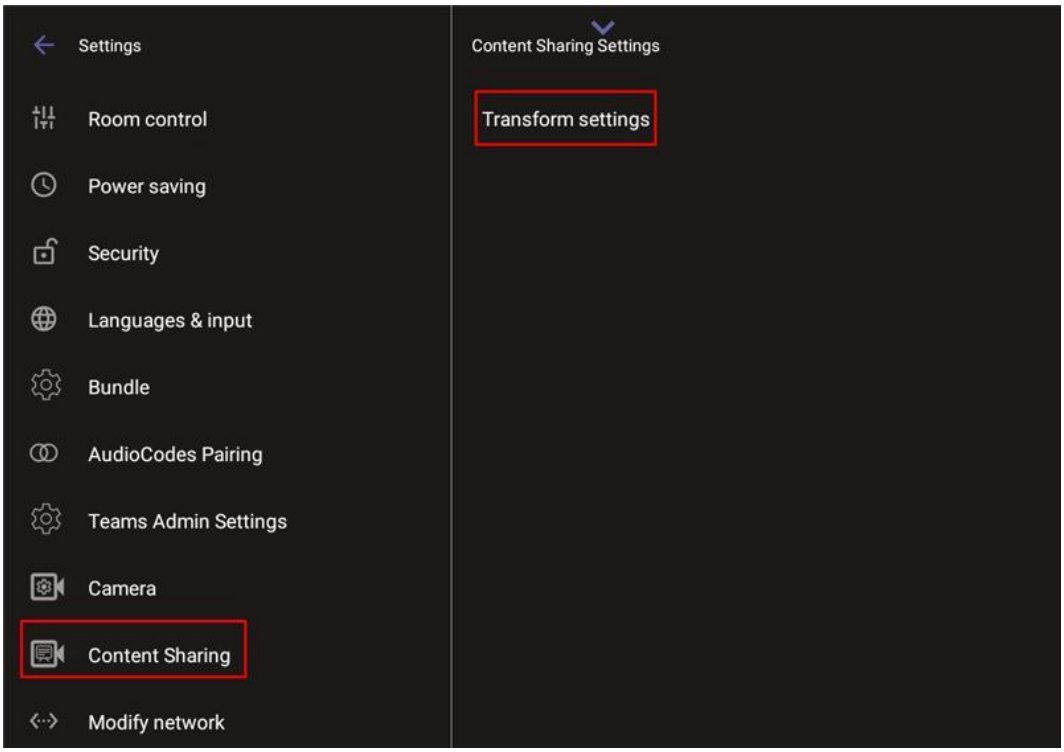
3.4.1.2 Content Camera Framing on a Whiteboard

For RXV200, presenters can share their physical whiteboard with remote participants using the **Content Camera** feature. To optimize the view, use the **Transform Settings** to define and capture the area precisely, isolating the whiteboard and removing unwanted margins beyond its edges.

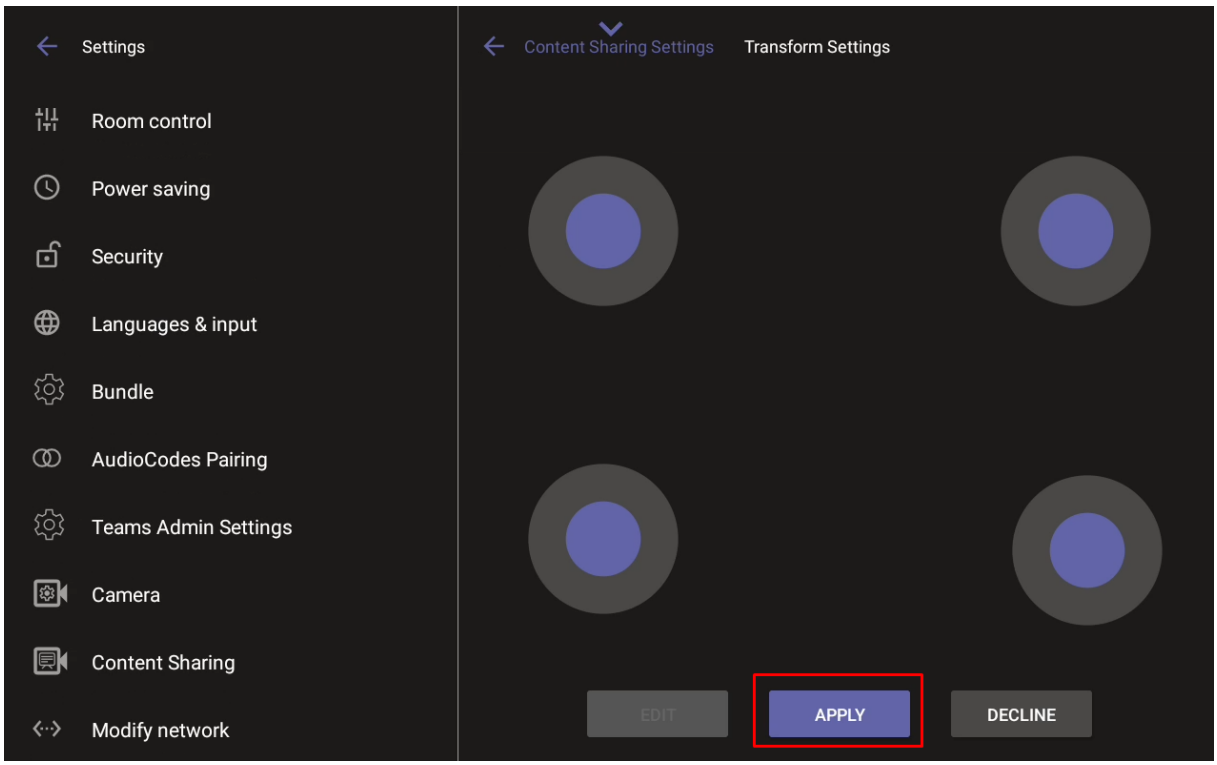
Before starting, the admin must confirm the RXVCam10-CC is set as the content camera in **Teams Admin Settings** > **Devices**:



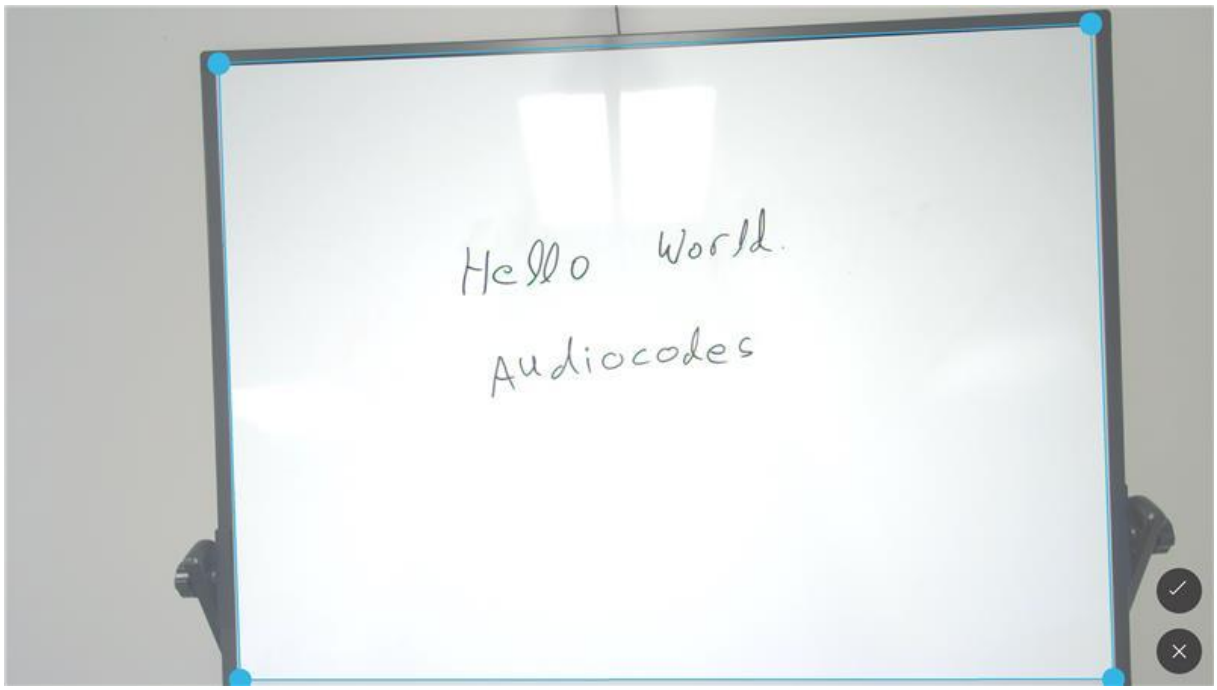
To access the **Transform Settings** menu:


Settings
Room control
Power saving
Security
Languages & input
Bundle
AudioCodes Pairing
Teams Admin Settings
Camera
Content Sharing
Modify network
Content Sharing Settings
Transform settings

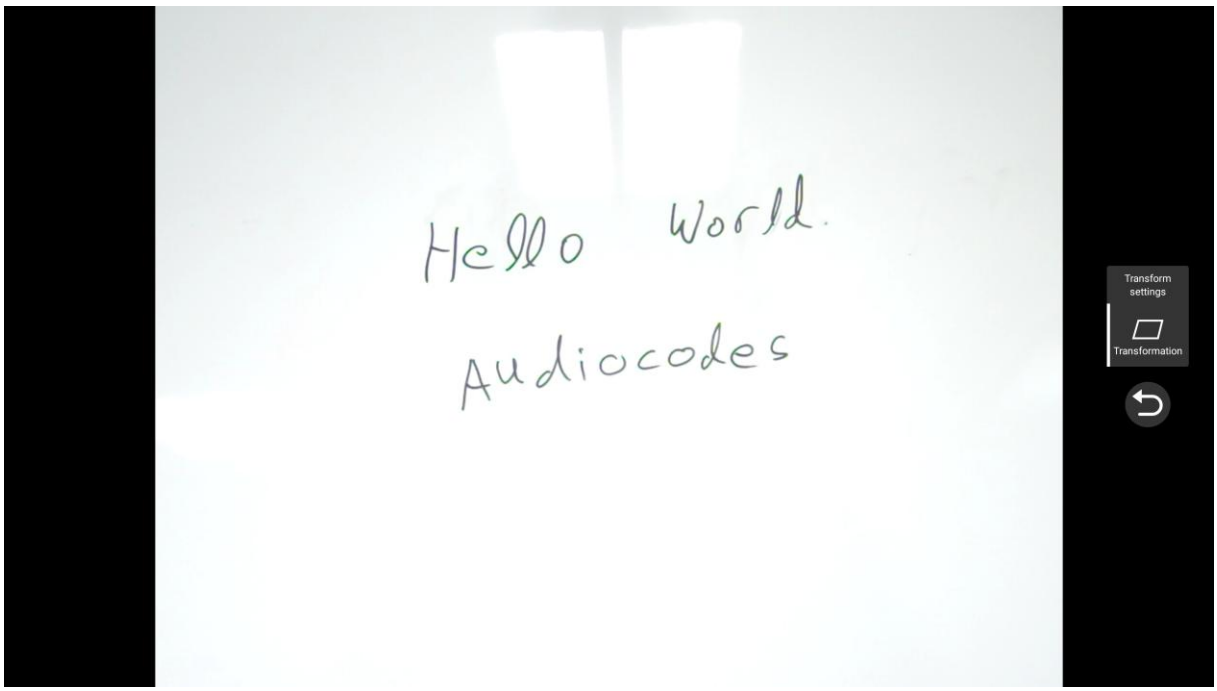
Use the four joysticks displayed on the RX-PAD to adjust the boundaries of the content camera's capture area:



The admin can see the adjustment on the display:

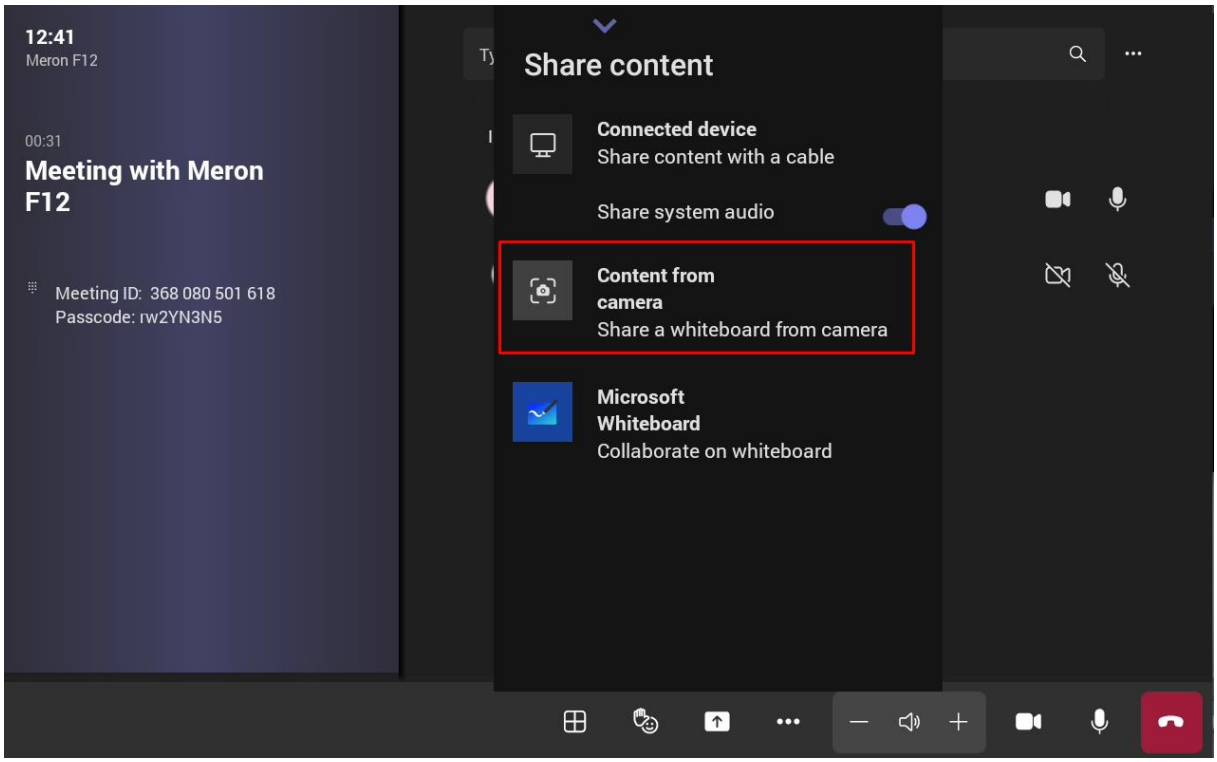


When the desired shape is chosen, tap **Apply** to confirm. The shape can now be cut out and displayed on the screen:



To edit or delete the shape, return to the **Transform Settings** screen.

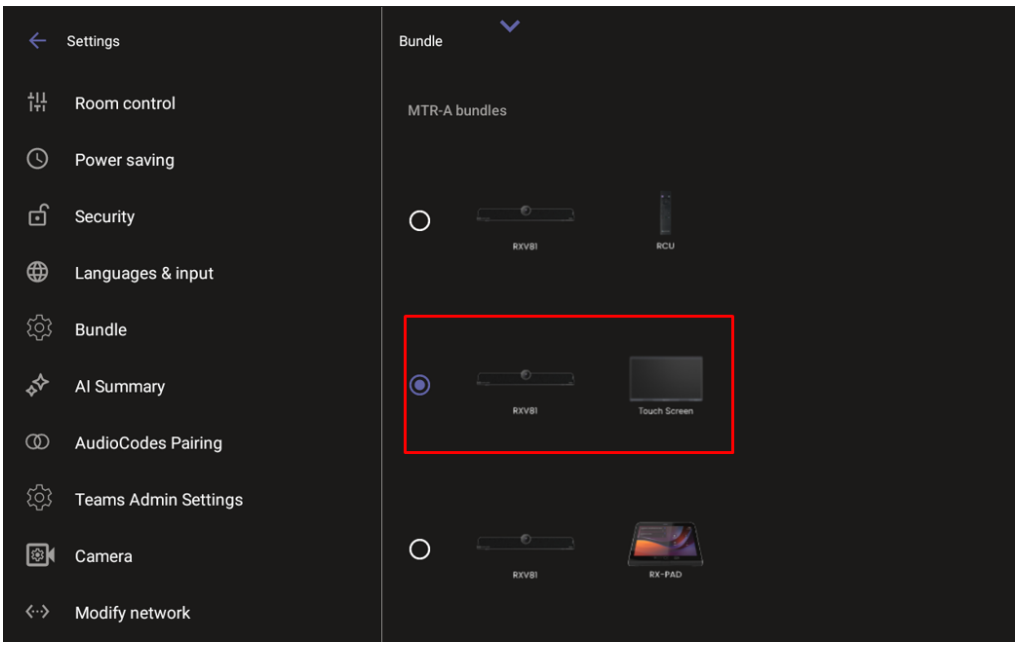
In the Teams meeting, the user can share content from a connected camera:



3.4.1.3 New Bundle -- RXV81 with Touch Screen Display

A new bundle is now supported (RXV81-B09), allowing the use of the RXV81 with a touch screen display.

To get started with this bundle, connect the RXV81 to the touch screen display using a USB-A cable, and then select the bundle from the **Bundle** menu:



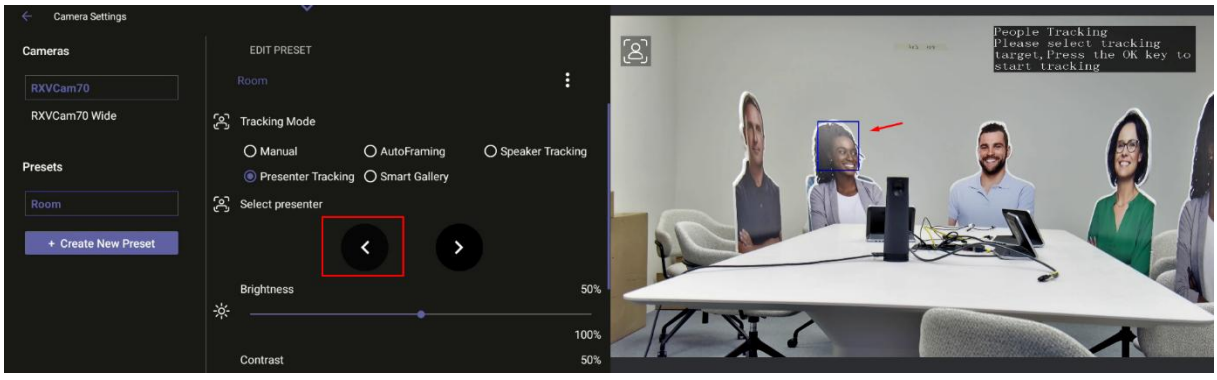
3.4.1.4 Preferred HDMI-IN Inputs for RX-PAD

This feature improves the user experience when multiple HDMI-IN inputs are used, typically involving both a physical HDMI-IN input and a wireless HDMI-IN (from an RX-PAD).

- When a new HDMI-IN input is connected during a sharing session, it automatically becomes the current active source.
- When an HDMI-IN input is unplugged, the remaining connected HDMI-IN source automatically becomes the active source.

3.4.1.5 Presenter Tracking Mode for Non-Composite AI

In **Camera Settings**, when the Composite AI is disabled, the user can select the presenter they want the camera to track:



This is performed through the RX-PAD, using the right-left arrows while in **Presenter Tracking** mode. The relevant presenter is accepted after a timeout of a few seconds, following the marking of the person in the room.

3.4.1.6 Enhanced Screen Sharing via RX-PAD HDMI-IN Port for RXV81 and RXV200

The functionality that allows users to share their PC screen via the RX-PAD HDMI-IN port has been enhanced:

- **Enhanced Performance**: Experience faster connectivity and more reliable screen sharing.
- **Simplified Setup**: No need to configure firewall rules that were previously required.

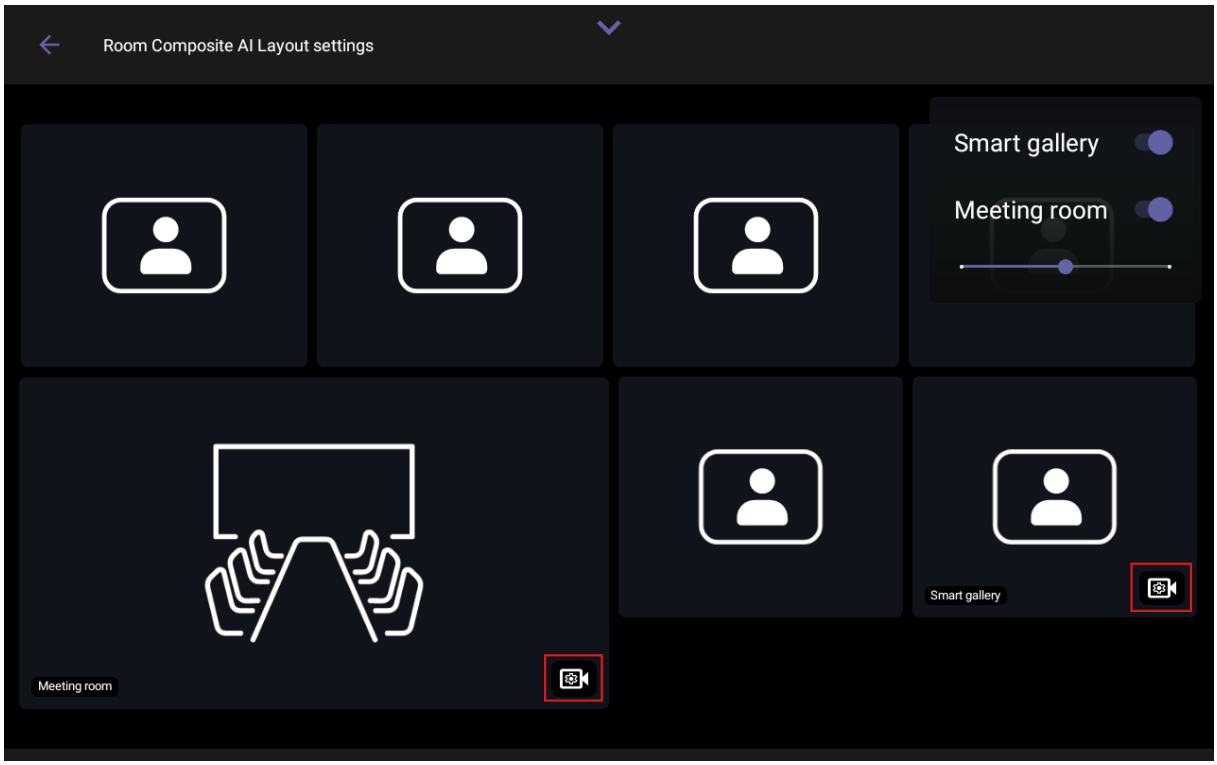
This enhancement ensures a seamless and efficient screen sharing experience, making it easier for users to present their content during meetings.

3.4.1.7 Change Camera Settings During a Call

During active Teams meetings, non-admin users are now granted access to the Composite AI Settings. This allows users to adjust layouts and toggle on or off the **Smart Gallery** or Room View features, for the duration of the meeting. Once the meeting concludes, these settings automatically revert to the system's pre-configured defaults. Outside of active meetings, in the idle state, modifying camera settings remains restricted to administrators. Note that during a call, non-admin users cannot disable the Composite AI mode.

3.4.1.8 Composite AI Camera Settings

Users and administrators can now adjust individual camera settings, such as brightness and saturation, without leaving the Room Composite AI Layouts. Within the composite view, each camera layout displays a dedicated camera icon. Taping the icon opens the settings specifically for that camera's feed. This helps users to easily associate a camera view with its adjustable settings.

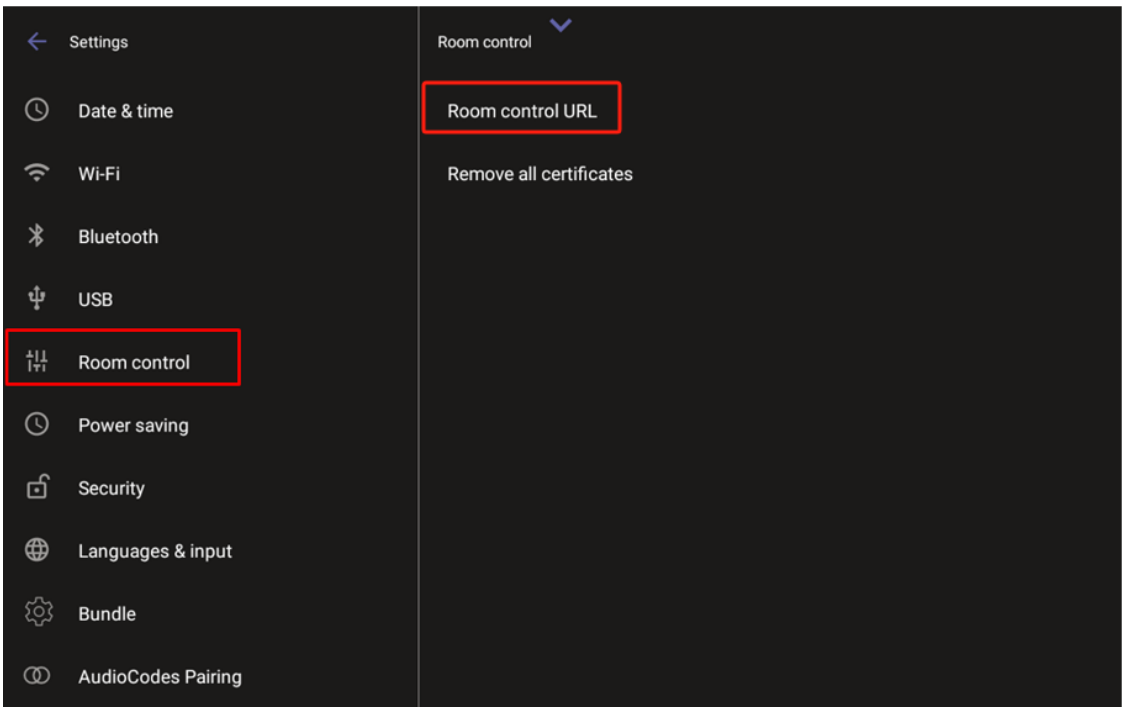


3.4.1.9 Room Control Integration - Trusting Non-Standard Certificates

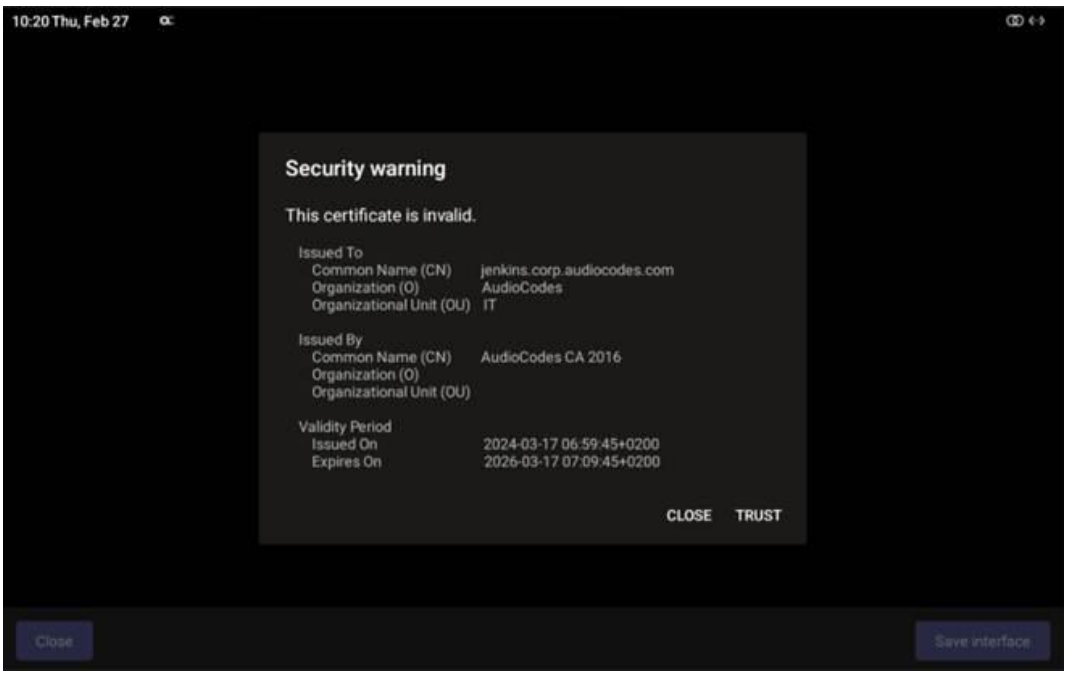
Some third-party Room Control systems use certificates that are either self-signed or not issued by a well-known Certificate Authority (CA). Users now have the option to manually trust these certificates during setup.

While this feature simplifies the integration of the **Room Control**, it's important to understand that doing so involves accepting potential security risk. As a certificate's authenticity cannot be verified through standard procedures, users should exercise caution and be aware of the implications.

Users can configure the URL in the **Settings** menu (**Room control** > **Room control URL**):

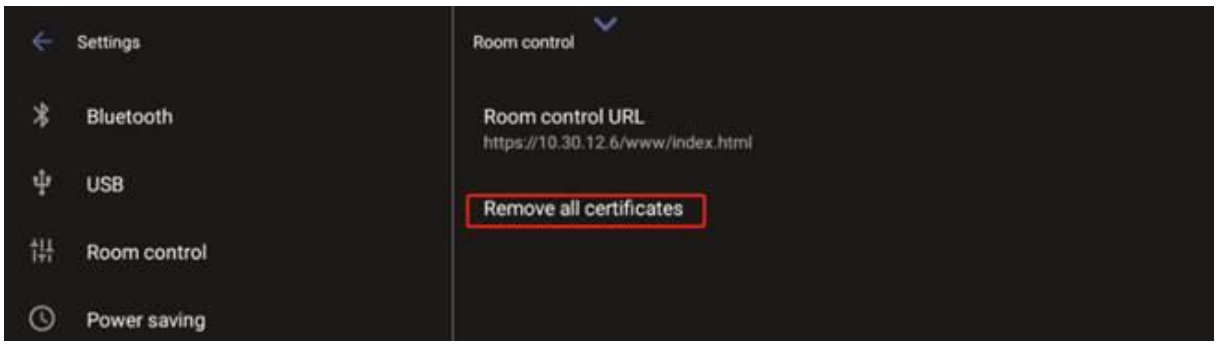


If the connected Room Control system presents a non-standard certificate, a prompt is displayed asking the user whether they want to trust this certificate.



If the user accepts the certificate, the RX-PAD communicates with the controller seamlessly, without displaying further notifications.

Admin can also remove previously accepted certificates using the new **Remove all certificates** option:



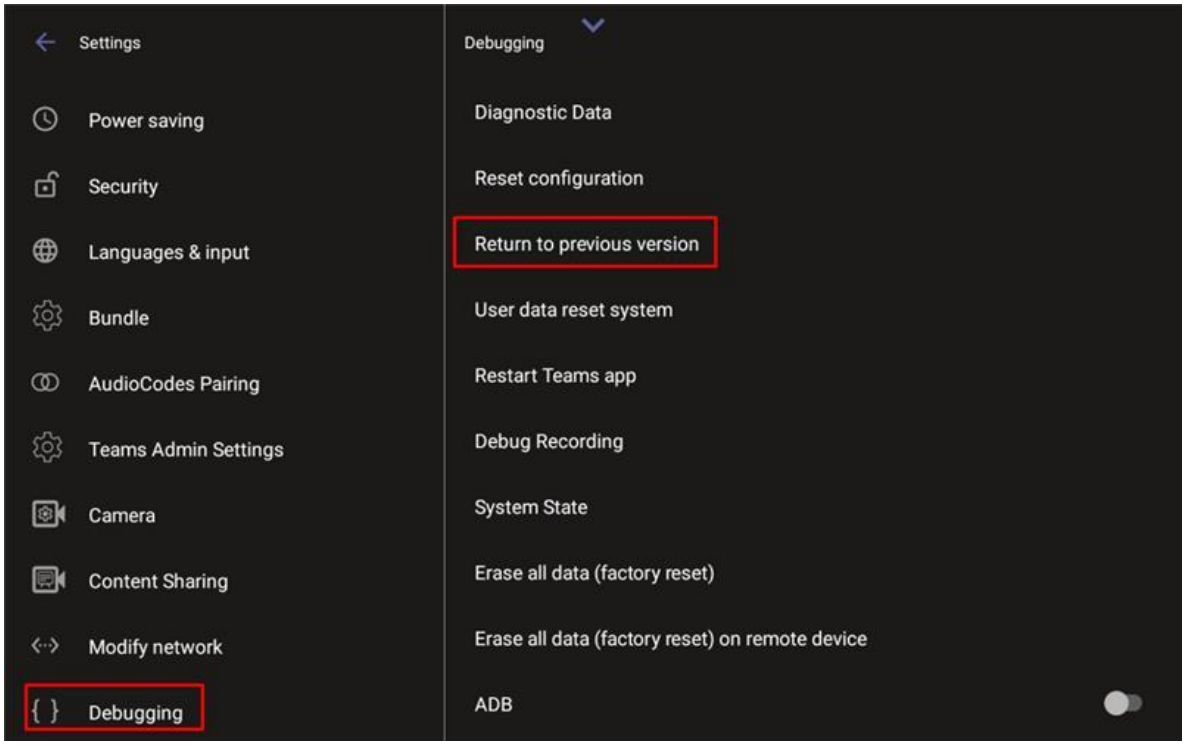
3.4.1.10 AlphaSSL CA Added to Trusted Store on Teams/MTR Devices

The AlphaSSL Certificate Authority (CA), operated by GlobalSign has been added to the default bundle of trusted CAs on AudioCodes Microsoft Teams Rooms (MTR) devices. This ensures certificates issued by AlphaSSL are automatically recognized and trusted by AudioCodes MTRs.

3.4.1.11 Return to Previous Firmware Version

When users receive a build for testing and they complete the testing, users need to switch back to the previous firmware version. This version is the General Availability (GA) build running on the device.

To do this, the user needs to change the active firmware slot and perform a factory reset. They can do this by selecting the new **Return to previous version** option in the **Debugging** menu:



3.4.2 Resolved Limitations in Version 2.8.574

3.4.2.1 Device

Table 3-24: Resolved Device Limitations

Incident	Description
-	[RXV200 Composite AI] General stability improvements.
IPPAN-15634	Sometimes the RX-PAD fails to run the nightly restart despite being configured to do so in the Teams admin settings.
IPPAN-15595	USB volume synchronization issue with RXV200 with Shure speaker.
IPPAN-15517	RXV200 with Sennheiser Teamconnect-bar-m - Mute on the remote controller is not reflected on the RX-PAD.
IPPAN-15403	Sometimes one of the screens becomes black (occurs only in two screen setups).
IPPAN-15046	RXV200 "Couldn't stop projecting" notification even though the RXVCam10 is selected for content camera.
IPPAN-15037	Sometimes the RXV200 "Couldn't stop projecting" notification appears due to an HDMI-IN problem.
IPPAN-15004	In some environments (when the phone's local host is not recognized by the DNS server), the proxy setting disappears after an update from OS9 to OS12.
IPPAN-14695	On rare occasions, the RX-PAD touch 'device setting' screen gets no response after rebooting the RXV200.
IPPAN-14692	[RXV200 Composite AI] New presets cannot be created from the RX-PAD. They can only be created directly from the RXV200 when using the touch screen. However, the RXV200 can create a view even when the Composite AI camera is on.
IPPAN-14689	[RXV200 Composite AI] During a meeting, the Composite AI should not be accessible or be disabled via the camera settings.
IPPAN-14647	[Camera settings] When creating a new preset or view, the Brightness and Saturation settings are ineffective.
IPPAN-14625	[Content Camera] After unplugging the RXVCAM10, the RXV81 still displays it in Teams admin settings -> Content camera.
IPPAN-14571	Sometimes the RX-PAD screen flashes during testing.
IPPAN-14318	Sometimes the Teams sign-in isn't completed when a touch screen is connected to RXV200 (occurs only in two screen setups).
IPPAN-14237	When disconnecting HDMI1 and HDMI2 that both are connected to a touch screen, then reconnecting HDMI1 to the touch screen, HDMI 1 displays abnormally.
IPPAN-14001	Sometimes, for RXV200, the LG TV is not waking up on the CEC command.

3.4.2.2 Teams Application

Table 3-25: Resolved Teams Limitations

Incident	Description
IPPAN-14694	[Teams app Swap screen] When using HDMI2 as the main MTRA screen and then enabling the dual-screen mode, users cannot swap screens via RX-PAP.

3.4.3 Known Limitations in Version 2.8.574

3.4.3.1 Device

Table 3-26: Known Device Limitations

Incident	Description
IPPAN-15644	When connecting the HDMI-In of RX-PAD or RXV200, ending the meeting and then joining again, remote users in the same meeting don't see the shared content. This can be recovered by taping **Join** again.
IPPAN-15638	In some occasions, after rebooting the RXV200/RXV81 or the RX-PAD, the HDMI-In share via the RX-PAD does not share automatically and need another un-share->share to start sharing.
IPPAN-15084	RXV200 – when using the RXVCam360 via Bluetooth – the audio might not function well.
IPPAN-15314	RXV200 – The RXVCam70 preset restore does not work in camera settings.
IPPAN-15165	RXV200 - Audio device might not be recognized with a long (>5m) active USB-C cable.
IPPAN-14955	RXV200 does not support displaying via USB Type-C. Currently, only HDMI-Out is supported.
IPPAN-15586	RXV81 – In rare occasions, the camera output is pulled out of proportion.
IPPAN-14814	RXV81 - In rare occasions, and during a long meeting there is a delay of several seconds in the video decoder.
IPPAN-15349	RXV81 - The video output and input might be abnormal during Webex meetings.
IPPAN-15533	When a Crestron HDMI Switch device is connected to the RXV200 HDMI-In port, the system may incorrectly indicate that a PC is connected, even when no PC is actually connected.
IPPAN-15534	There is an initial delay of 10 to 15 seconds while sharing the content via Crestron switcher.

3.4.3.2 Teams Application

Table 3-27: Known Teams Application Limitations

Incident	Description
-	-

3.5 Version 2.8.208

3.5.1 What's New

- Version 2.8.208 of RXV81 (bundled with RX-PAD) and RXV200 (bundled with RX-PAD) includes Microsoft Teams app 2.4.1 (2025010301). For a list of new features / resolved limitations in the Teams app, click here.
- Version 2.8.208 of RX-PANEL includes Microsoft Teams app 3.3.0 (2024122401). For a list of new features / resolved limitations in the Teams app, click here.

- MTRA = Microsoft Teams Room on Android
- MTRA in this document refers to both RXV81 and RXV200

3.5.1.1 Updated MTRA Microsoft Teams Apps

The following are the updated MTRA app versions:

- MTRA Microsoft Teams app MTRA: 2.4.1 (2025010301). For Microsoft's 'Release Notes for Microsoft Teams Rooms', click here.
- RX-PANEL Teams app: 3.3.0 2024122401. For more information, click here.
- Admin Agent: 733 (same as previous release)
- Authenticator app: 6.2410.7268
- Microsoft Intune: 24.09.1

3.5.1.2 Transitioning Teams Android Devices to AOSP Device Management

With this release, Microsoft Teams Android devices now utilize Intune Android Open Source Project (AOSP) device management. AOSP device management is a mobile device management (MDM) platform specifically designed for Teams devices. This update delivers more reliable user experience, an enhanced deployment process for administrators, and serves as the foundation for future innovations and advanced management capabilities for Microsoft Teams Android devices, including Teams Rooms, Teams panels, Teams phones, and Teams displays.

AOSP Device Management replaces the legacy Android Device Administrator solution previously used to manage Teams devices.

For detailed information on the AOSP migration process, please refer to the article Moving Teams Android Devices to AOSP Device Management | Microsoft Community Hub

Tenants that do not have Intune policies in place are not required to follow the guide to create new rules for AOSP compliance. Additionally, devices that have been migrated using the Company Portal app to the Authenticator app (AOSP) functions more smoothly with the new firmware provided by AudioCodes.

3.5.1.3 Composite AI Feature for AudioCodes RXV200 Meeting Room Device

The new Composite AI feature enhances video conferencing on the AudioCodes RXV200 meeting room device by intelligently combining streams from two cameras into a single, cohesive layout. This innovation provides remote participants with an optimized, immersive view of both the meeting room and its participants.

This feature is available in the following configurations:

- **RXV200 with RXVCam70**: Combines streams from the RXVCam50 (full-room view) and RXVCam360 (Smart Gallery mode).

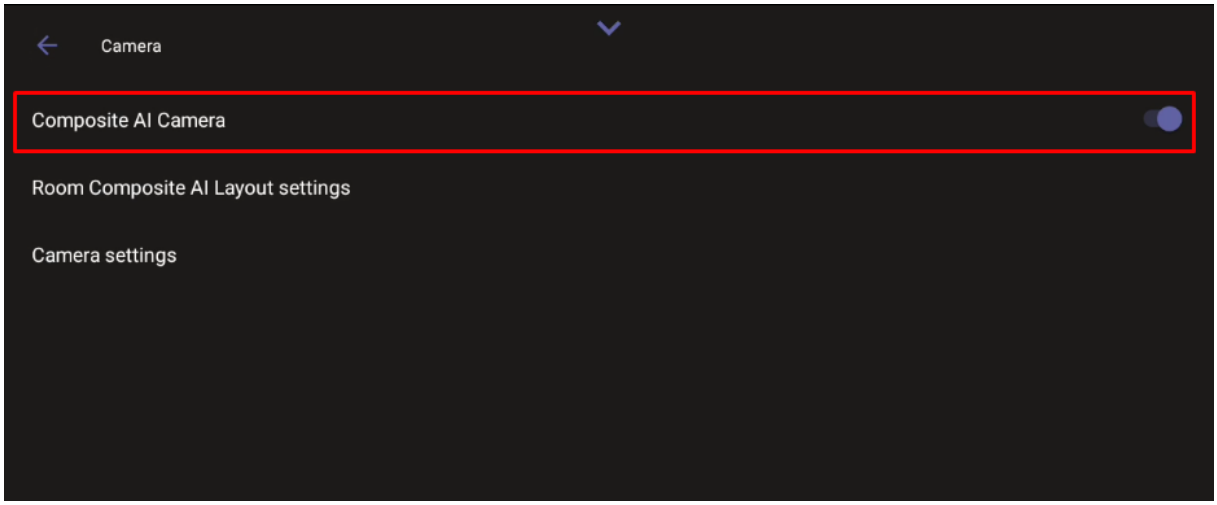
- **RXV200 with RXVCam360 and RXVCam50**: Utilizes the dual cameras of the RXVCam70, including the wide-angle camera (full-room view) and the mechanical camera (Smart Gallery mode).

This integration ensures a richer, more dynamic video conferencing experience for all participants.

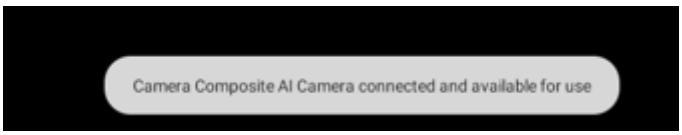
Key capabilities:

- **Enhanced room visibility:** Provides a comprehensive view of the meeting room capturing all participants clearly.
- **Intelligent Layout**: Automatically arranges the combined streams into a cohesive and intuitive layout.
- **Manual Layout adjustment**: Allows users to resize room view and enable or disable room view or smart gallery.

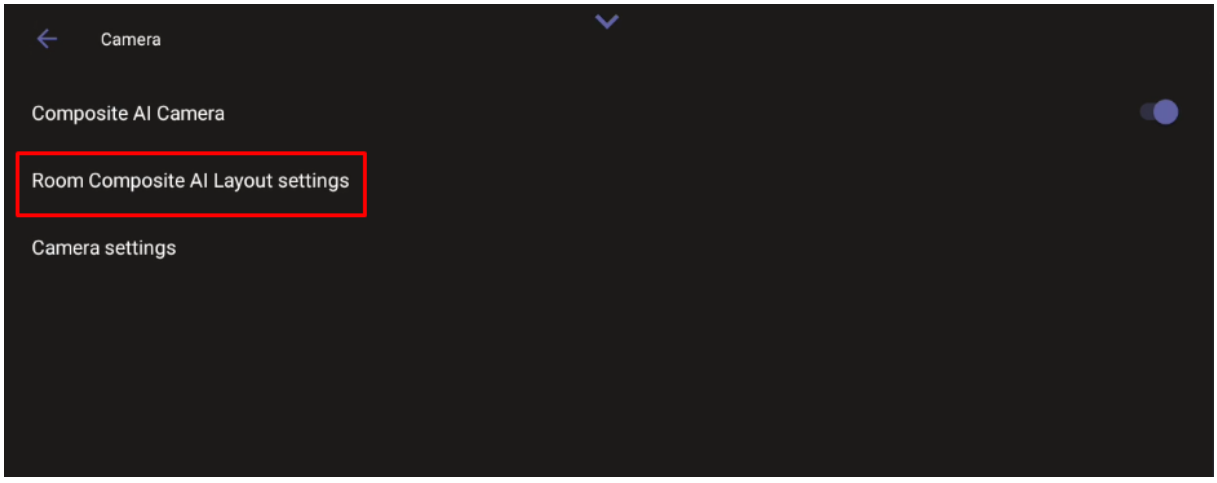
Composite AI is disabled by default. To enable it, a user with administrator permission should access the RX-PAD's **Device Settings** > **Camera Settings** and toggle the button for **Composite AI Camera**:



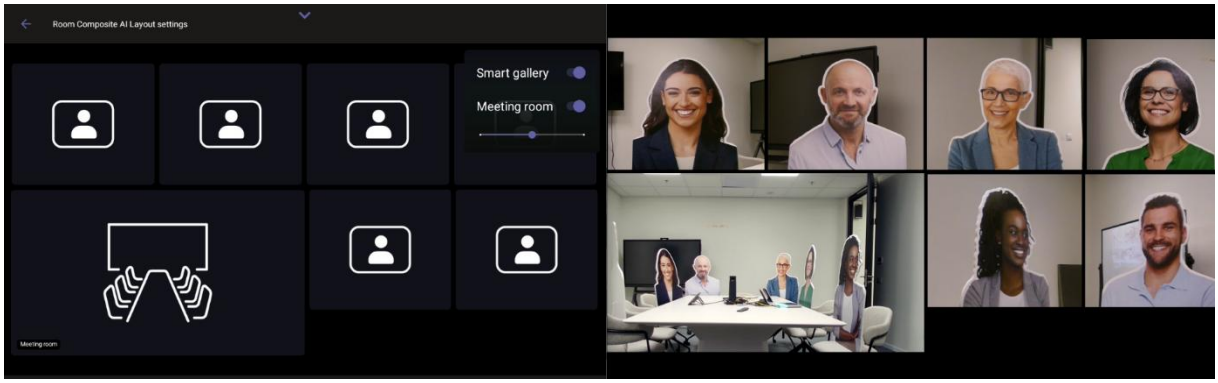
After enabling, the following pop-up displays on the screen the RXV200 is connected to:



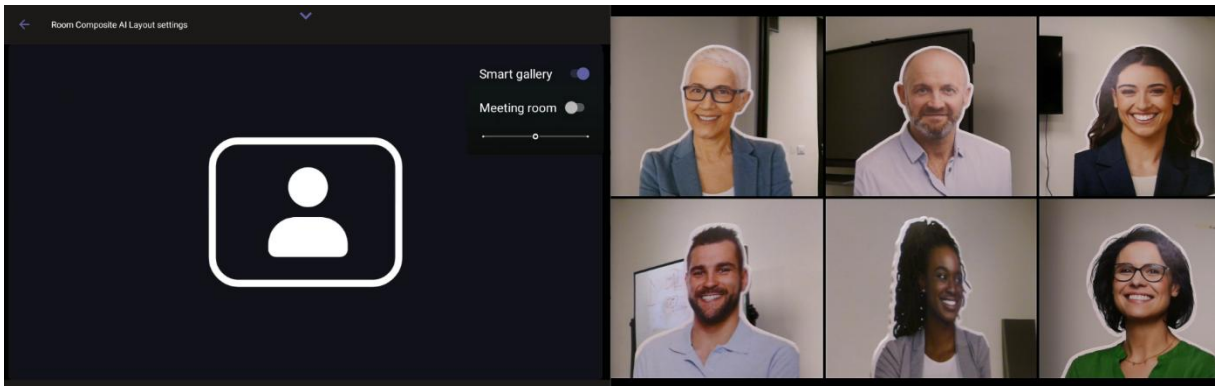
When enabling Composite AI, admin can select **Room Composite AI Layout settings** as shown in the figure below to choose the right layout:



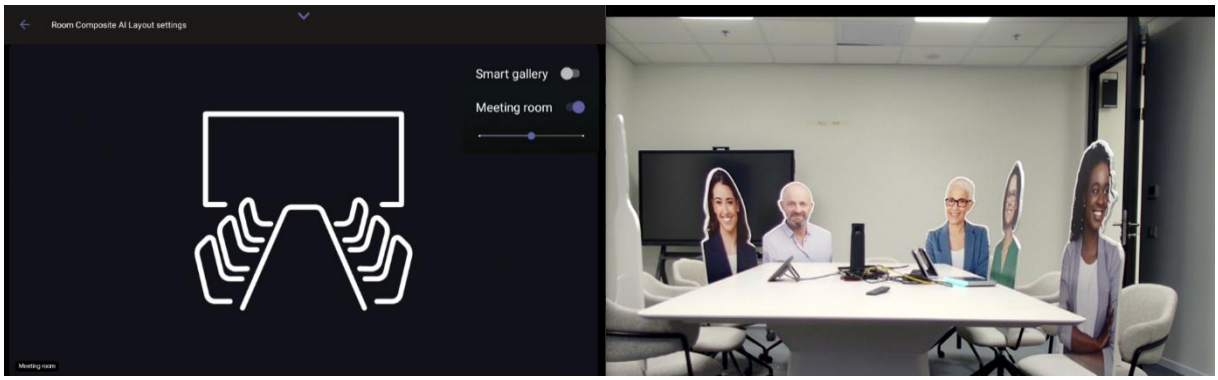
The connected camera stream opens. On RX-PAD, the layouts are displayed as shown below:



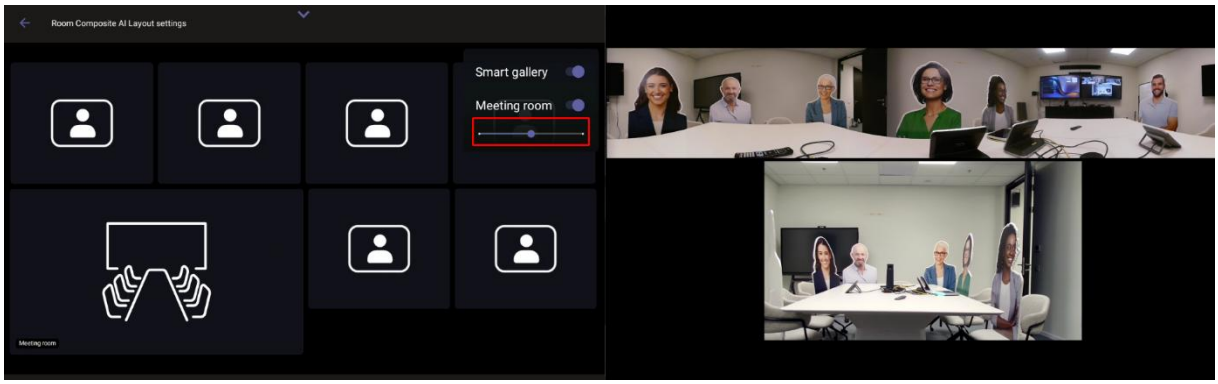
In the RXV200 screen (when RXV200 is connected to RXVCam70), the main camera is located in the center of the screen and the wide-angle camera at the lowermost left.



Disabling **Room view** closes the wide-angle camera and centers the main camera feed on the screen.

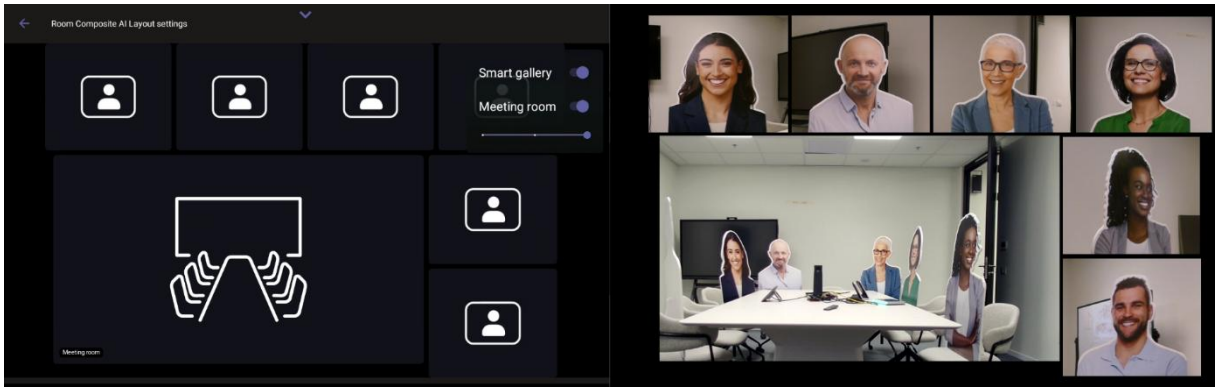


To center the wide-angle camera feed in the screen, disable **Smart gallery**. This closes the main camera.



Use the scaling bar shown in the preceding figure to control the ratio between the main camera size and the wide-angle camera size; it’s adjusted accordingly on RXV200.

A similar view is presented when using RXVCam360 (Room view' comes from RXVCam50).

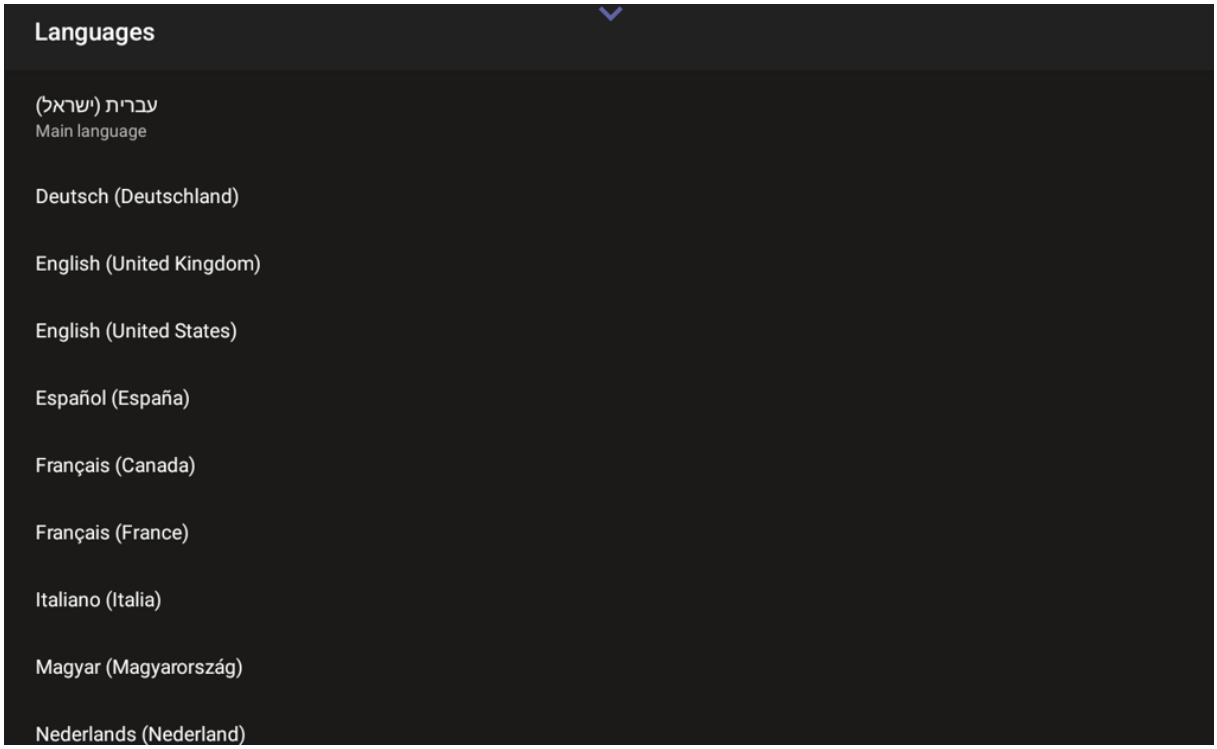


In this release, changing the Composite AI settings (layout, enabling/disabling/disabling Smart Gallery, or Room View) must be done by admin. Starting from the next release, regular (non admin) users are able to modify these settings during the meeting.

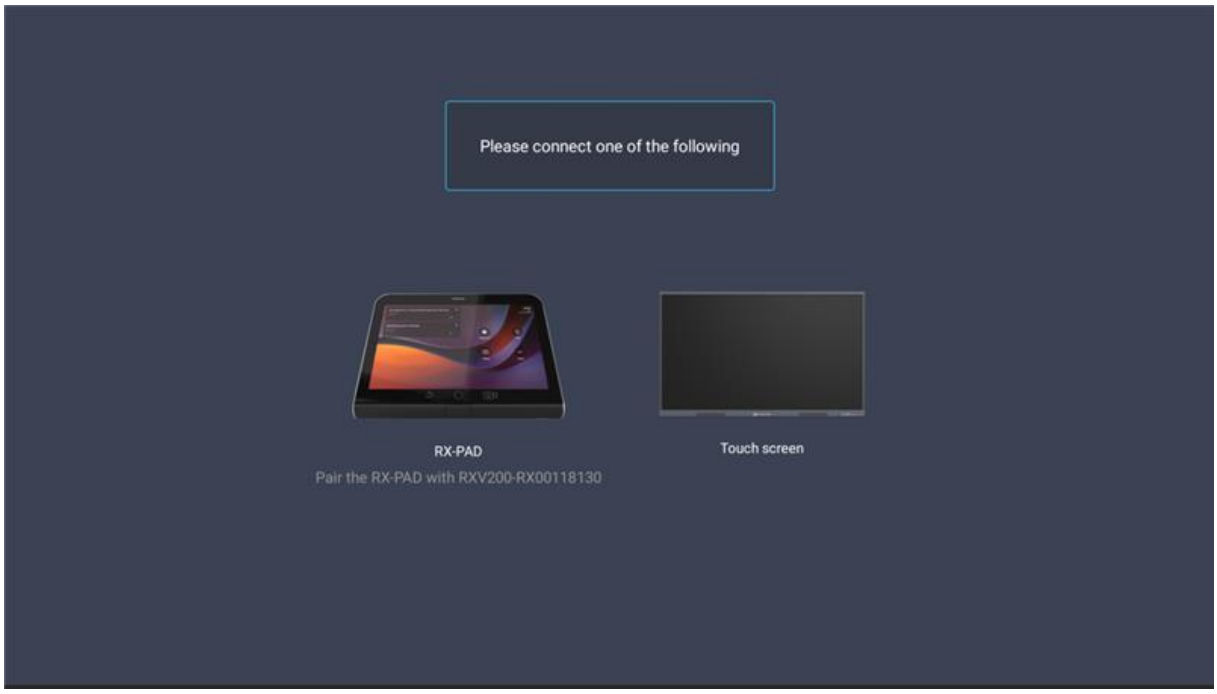
3.5.1.4 New Wizard for Setting Up MTRA - Enhanced OOB Experience for MTRA Setup

Version 2.8.208 introduces a new wizard designed to improve the out-of-box (OOB) experience when setting up the MTRA.

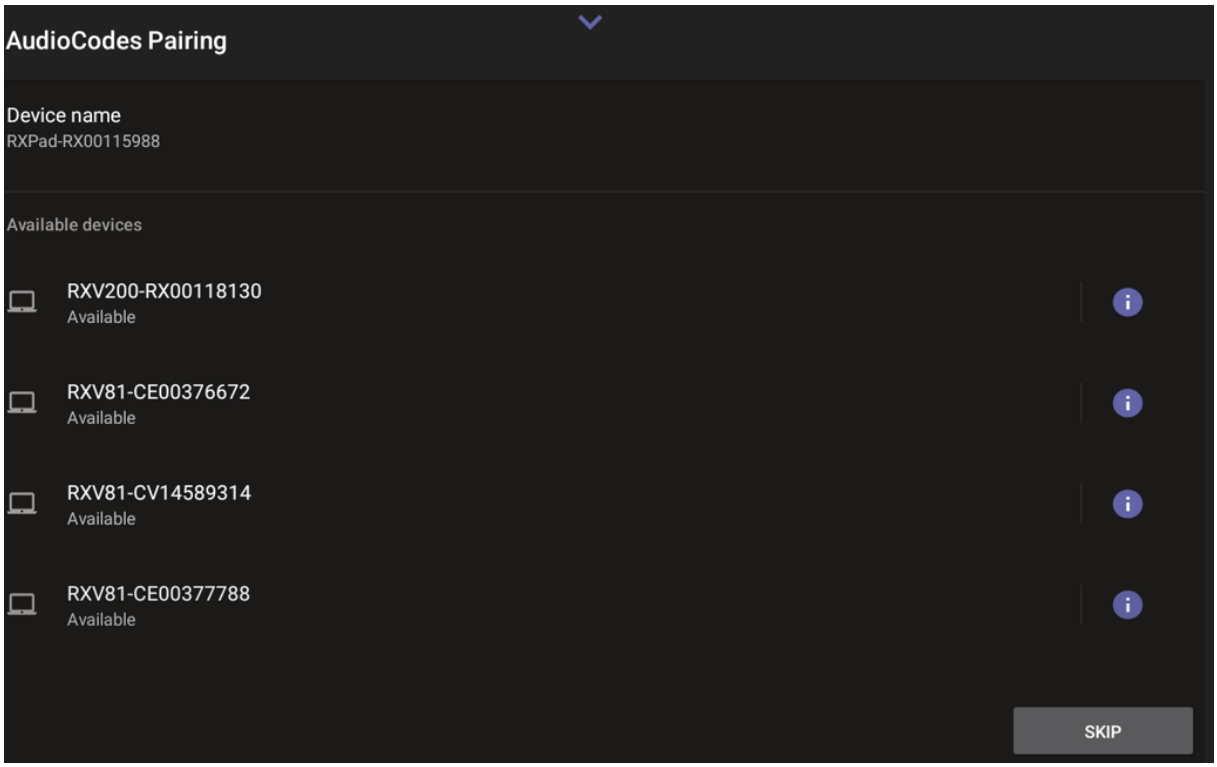
When pairing an MTRA (RXV81/RXV200 and RX-PAD), the RX-PAD prompts users to select their preferred language during the setup process:



The MTRA prompts the user to connect to an input device if it does not exist. An Input device can be RX-PAD or a touch screen (or RCU in case it is part of the RXV81 bundle):

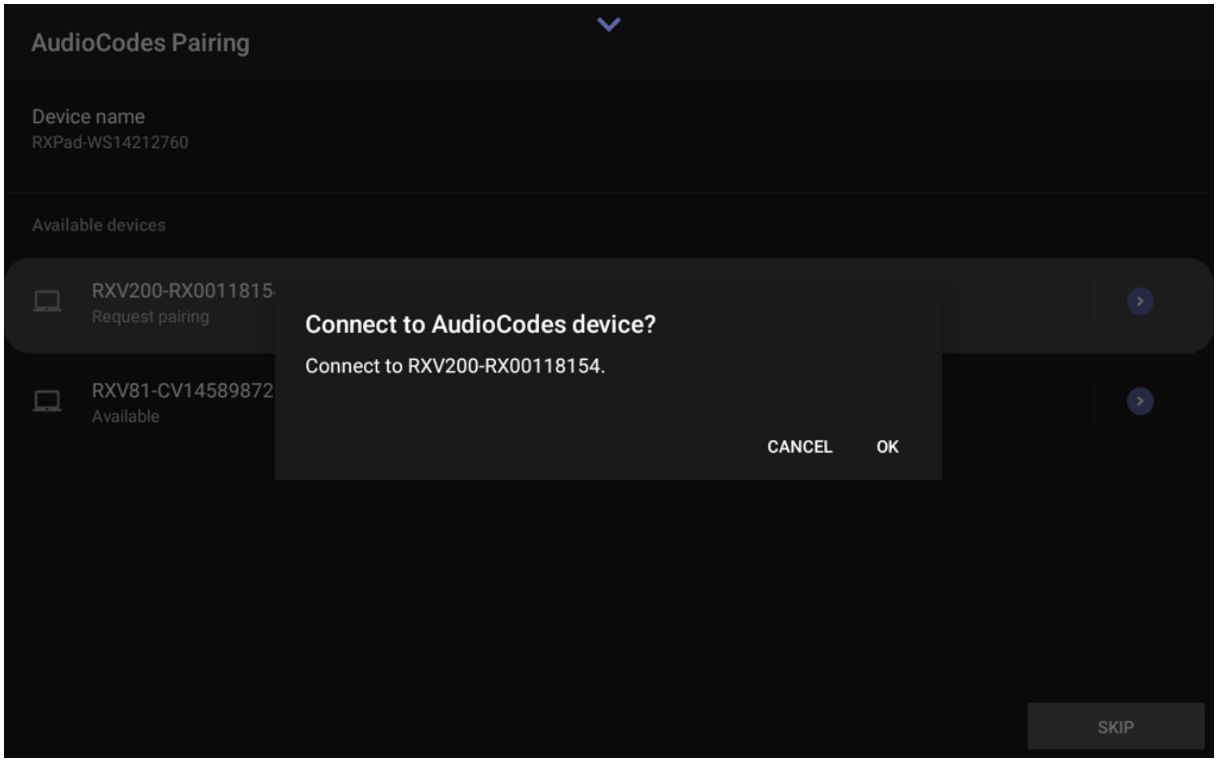


After the admin selects the language on the RX-PAD, a new **AudioCodes Pairing** page is displayed (if one exists):



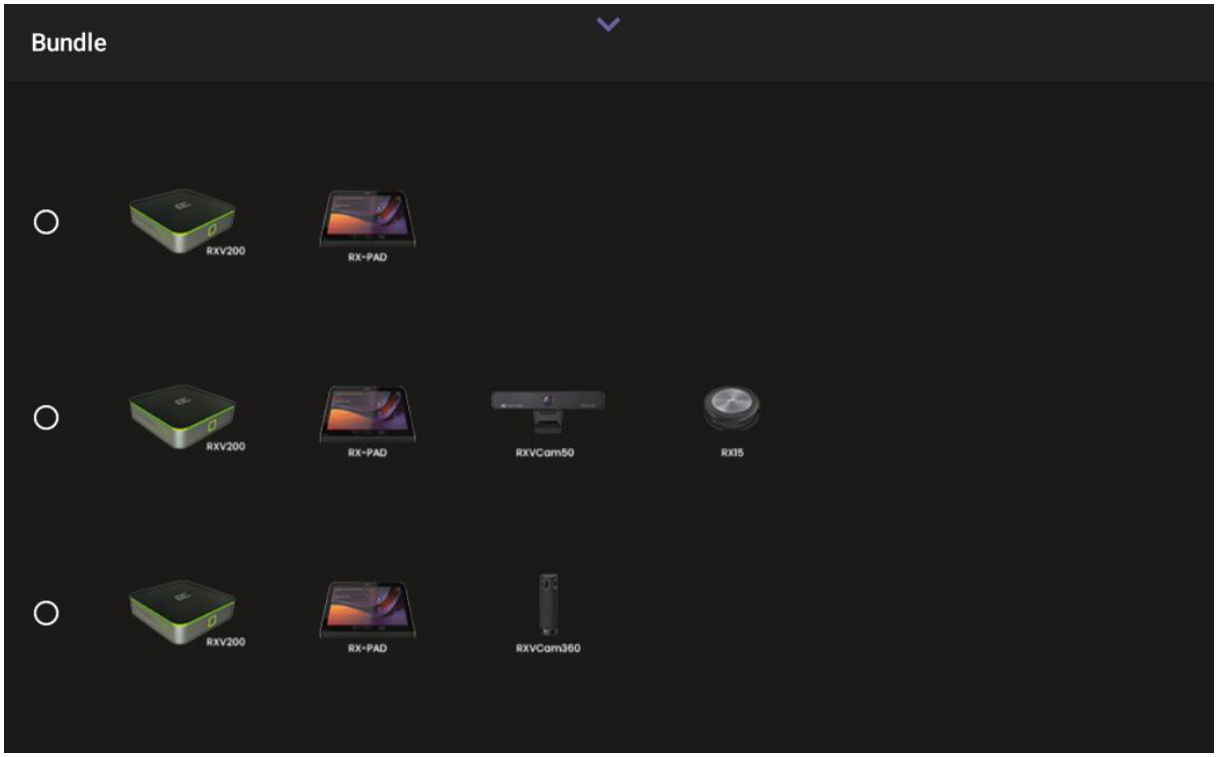
An additional description of the new **AudioCodes Pairing** feature is described in section 3.5.1.5 AudioCodes Pairing – New Menu for Managing Paired Devices.

Admin must tap on the relevant MTRA and acknowledge the pairing request:

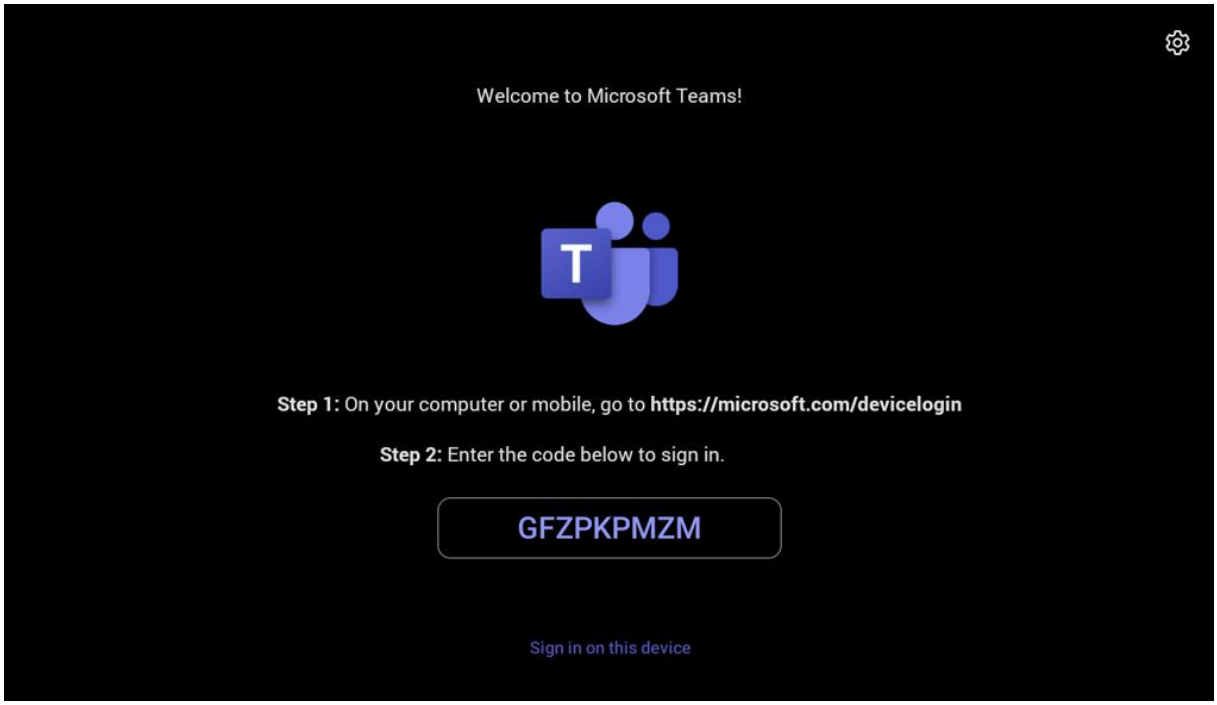


RX-PAD finalizes the pairing process and assigns the appropriate bundle with the MTRA.

If there is a need to choose a bundle (for example, RXV200 with RXVCam360), the RX-PAD prompts the bundle settings screen:



After this process is completed, the screen shown in the figure below is displayed:



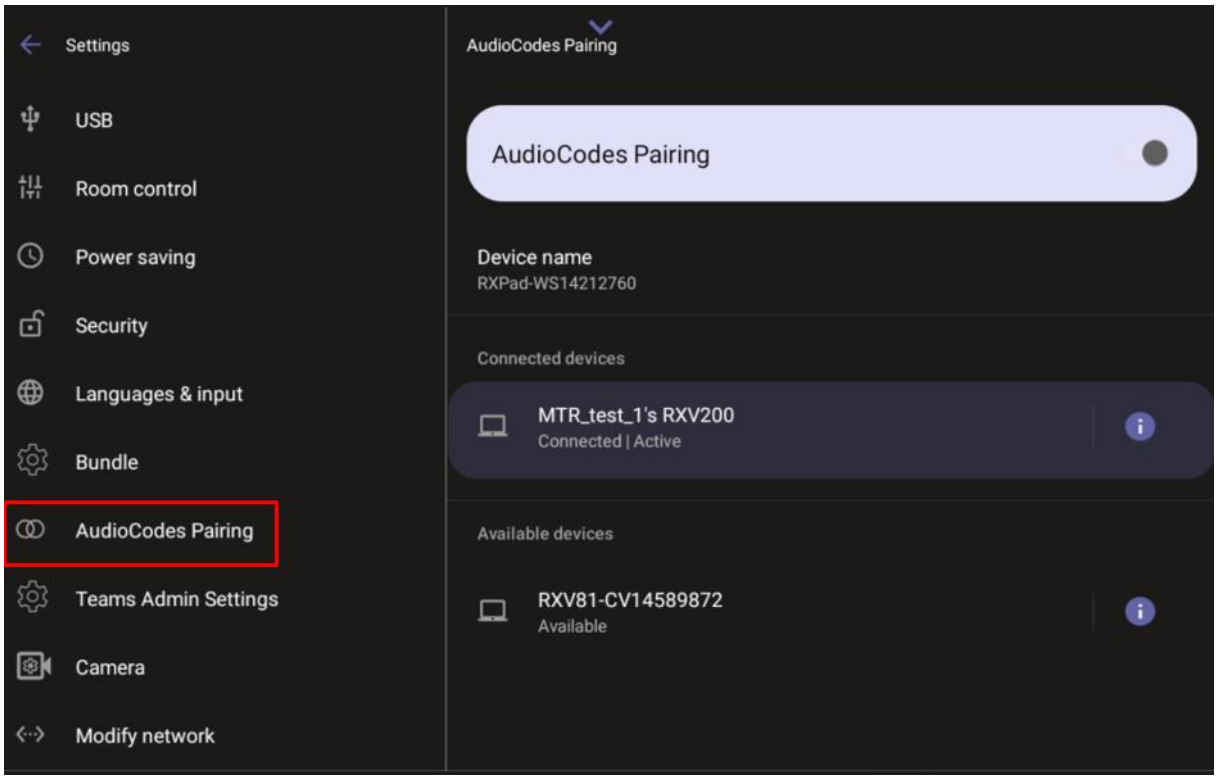
The sign-in to Teams prompt appears on both devices. In this step, admin must proceed according to the familiar sign-in procedure explained in the Quick Guide.

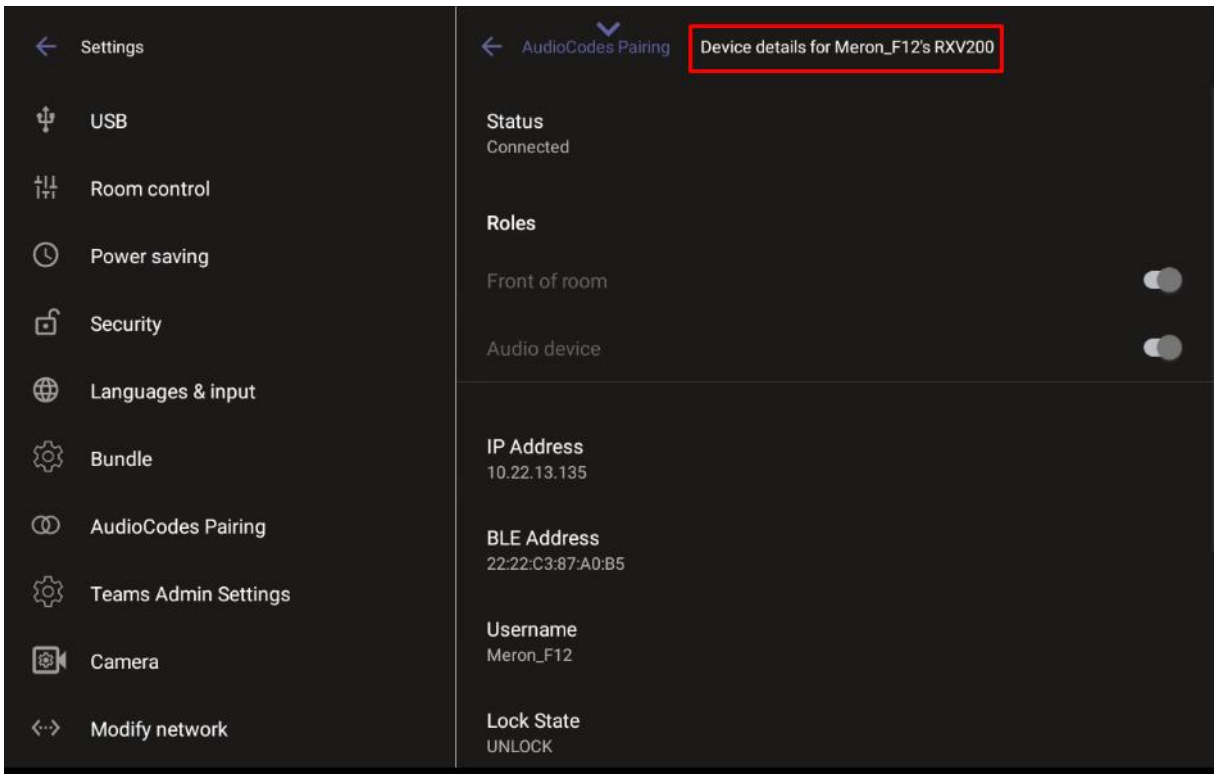
3.5.1.5 AudioCodes Pairing – New Menu for Managing Paired Devices

A new menu, **Settings > AudioCodes Pairing**, has been added to manage paired devices.

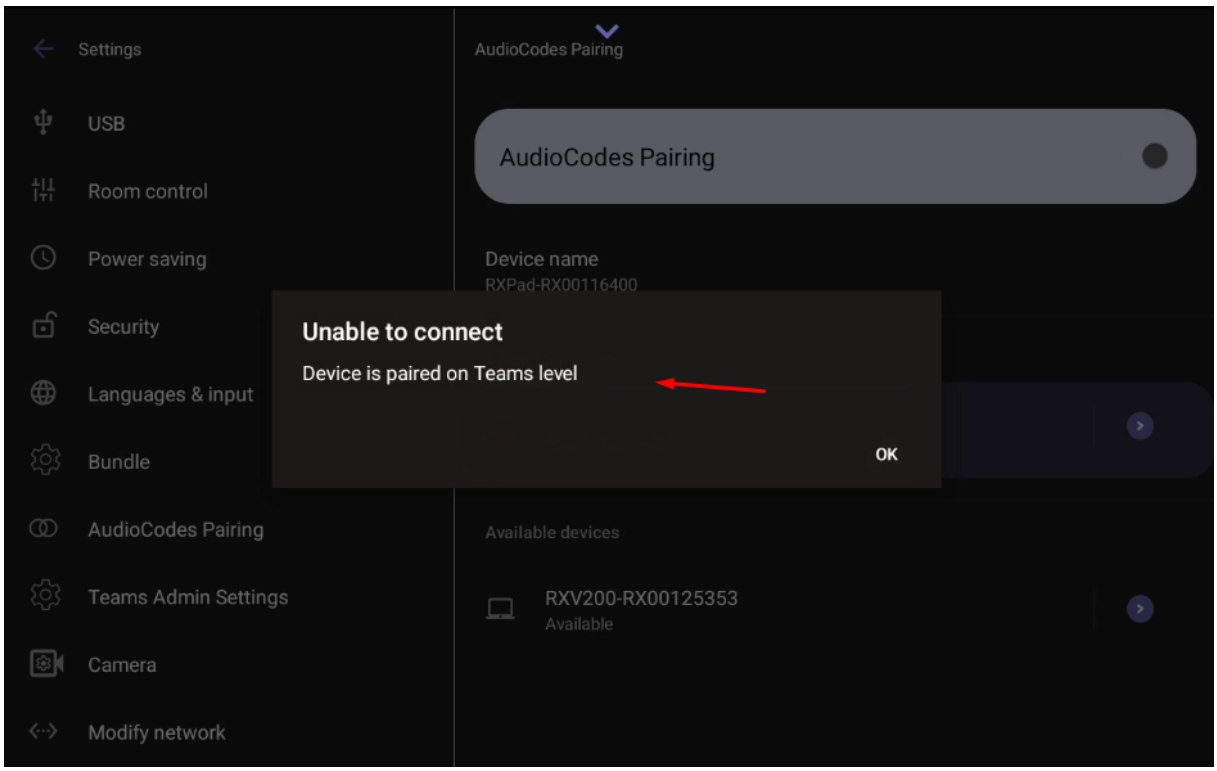
Admin can control the devices paired with the current RX-PAD. Admin has the option to pair a new device or unpair an existing one (note that unpairing from Teams must be done before pairing with a new device).

By tapping the **i** icon, admin can view detailed information about the paired device. This menu allows access to and collection of data regarding the paired device from the RX-PAD:


Settings
USB
Room control
Power saving
Security
Languages & input
Bundle
AudioCodes Pairing
Teams Admin Settings
Camera
Modify network
AudioCodes Pairing
AudioCodes Pairing
Device name
RXPad-WS14212760
Connected devices
MTR_test_1's RXV200
Connected | Active
Available devices
RXV81-CV14589872
Available

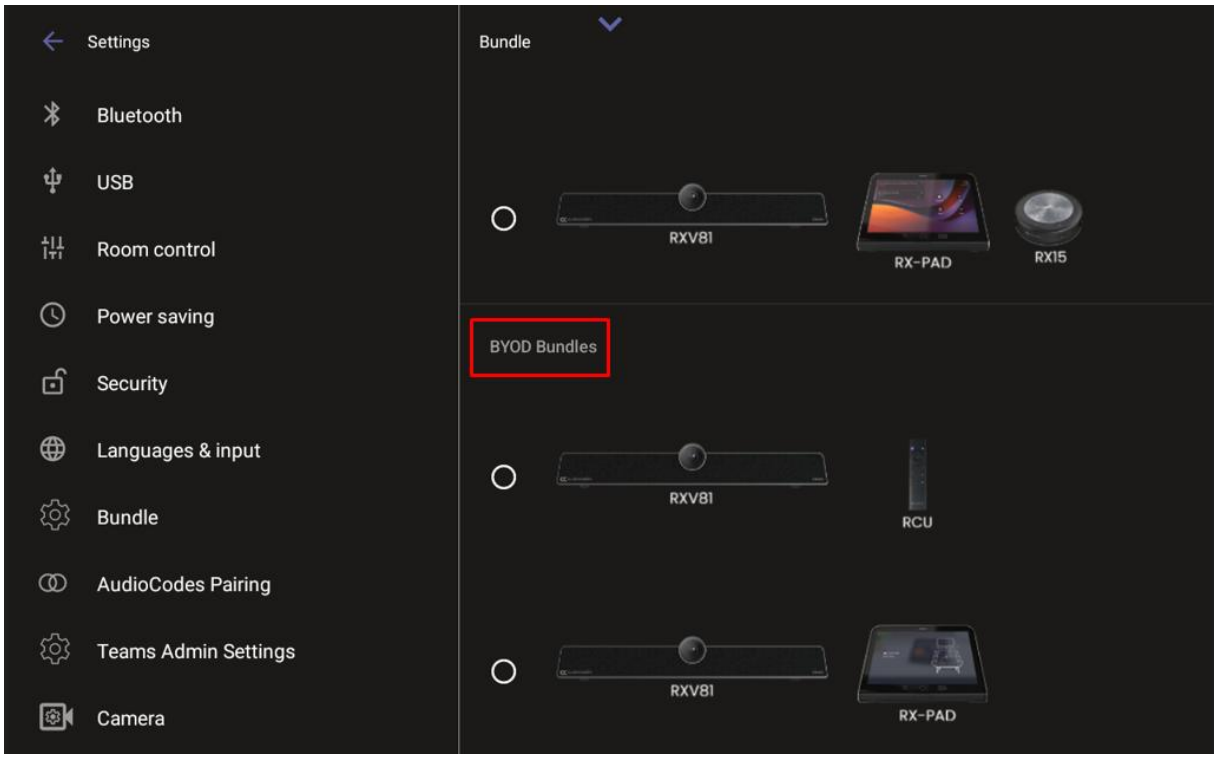

Settings
USB
Room control
Power saving
Security
Languages & input
Bundle
AudioCodes Pairing
Teams Admin Settings
Camera
Modify network
AudioCodes Pairing
Device details for Meron_F12's RXV200
Status
Connected
Roles
Front of room
Audio device
IP Address
10.22.13.135
BLE Address
22:22:C3:87:A0:B5
Username
Meron_F12
Lock State
UNLOCK

To break a currently paired set and pair a new MTRA, admin must unpair the devices at the Teams level (under the **Devices** menu in **Teams Admin Settings**).



3.5.1.6 New Bundles for RXV81 BYOD

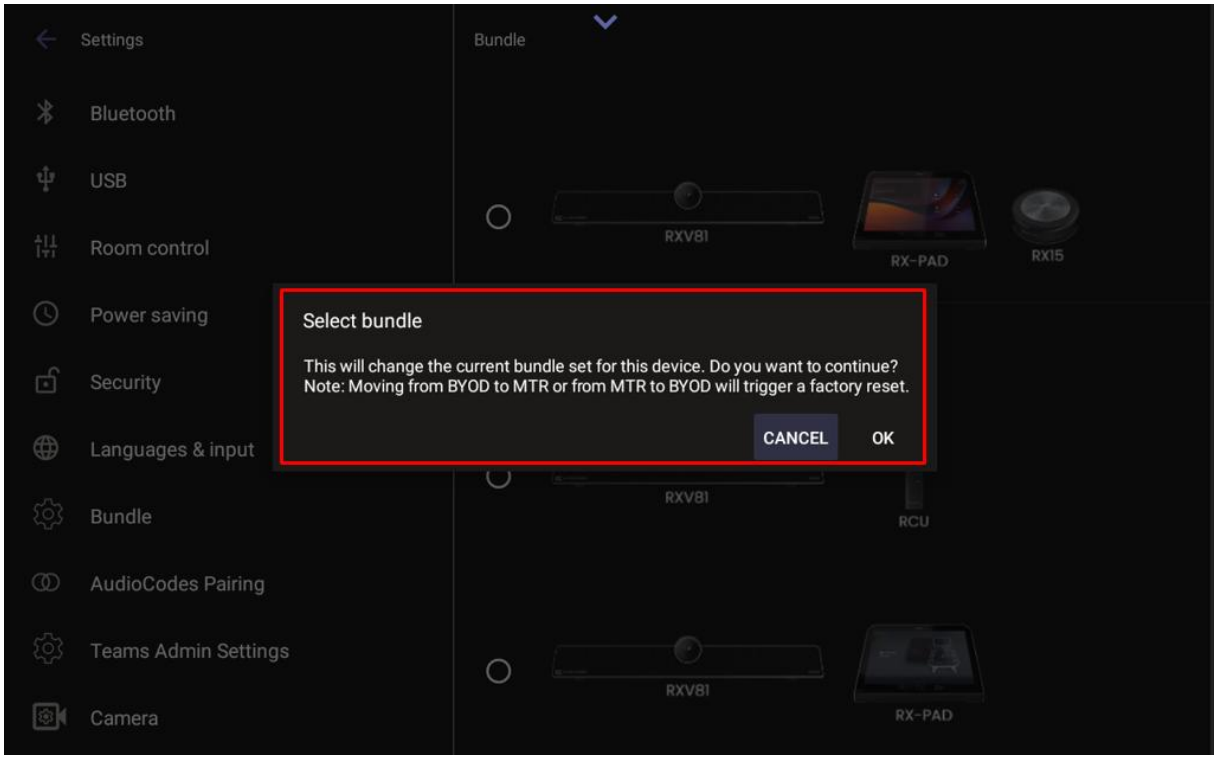
Version 2.8.208 introduces new bundles for RXV81 BYOD:



To modify RXV81-Teams to BYOD, the admin should access the **Device settings** > **Bundle** UI and modify to one of the existing BYOD options.

Using the ad-hoc option under Teams mode is still possible when connecting the RXV81 with USB-C cable to a laptop.

> Changing this setup 'on the fly' triggers a factory reset on the MTRA.



3.5.1.7 Support for Dual Touch Screen for AudioCodes RXV200

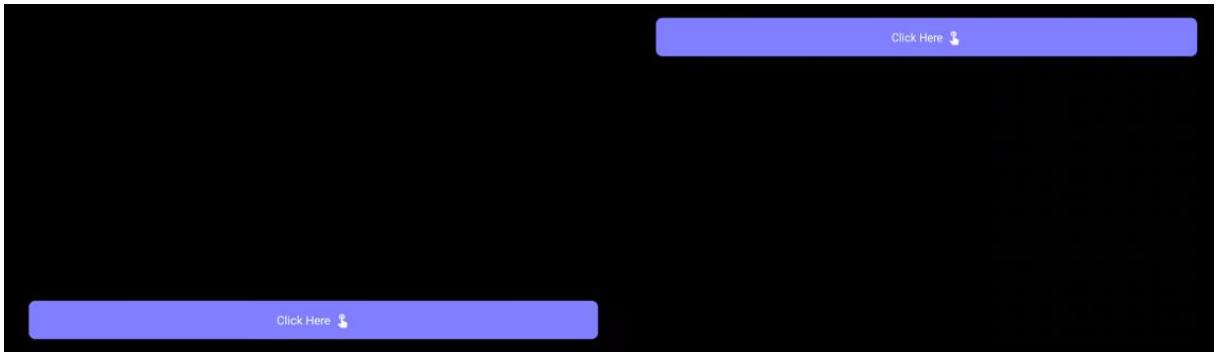
The **Dual Touch Screen** feature enhances usability and setup flexibility for the RXV200 when connected to two touch screens. Previously, dual-screen setups supported only one touch screen. This update enables full support for two touch screens, ensuring proper calibration and orientation of touch inputs during the Out-of-Box (OOB) setup process.

Designed to optimize dual touch-screen environments, this feature provides administrators with streamlined and efficient calibration process to improve meeting room functionality.

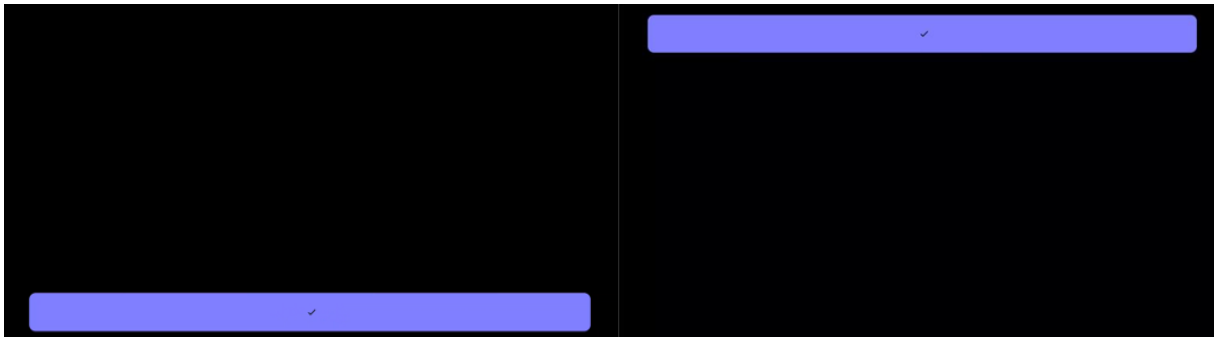
This simplified calibration process ensures administrators accurate and seamless installation of touch functionality across both screens.

The setup process begins automatically during the OOB phase if two touch screens and their USB cables are connected to the RXV200 **before the device boots**.

The following screens display:



The admin is required to **physically interact** with the buttons displayed on each screen.



Once a button is clicked, a tick mark appears to confirm successful calibration. This ensures that touch inputs are correctly aligned to the respective screens.

Afterwards, the UI displays the language phase.

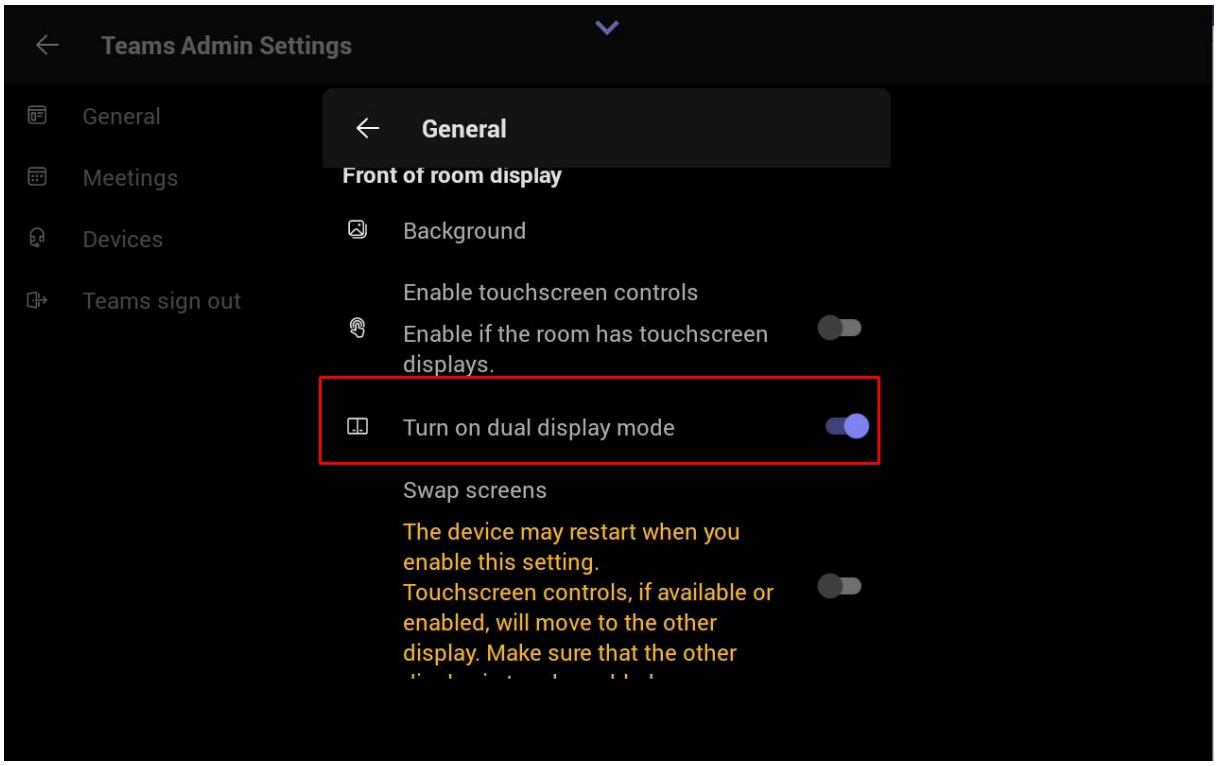
> For a new installation, the dual touch GUI pops up when the setup has two screens, even if only touch is connected to one of the screens. The purpose is to know which screen this touch belongs.

3.5.1.8 Dual Display Mode and Swap Screens Admin Controls[1] Pro

> This ability is eligible for RX-PAD paired with RXV200 only, and for a Pro room account, as described below (the devices must run the following Teams app or higher - 1449/1.0.96.2024110701 (November 2024))

IT admins can deliberately configure Teams Rooms on Android devices to run in dual display mode. Admins can also switch the screens of dual display rooms using the swap screens setting, easily correcting front-of-room displays that were set up invertedly. Both controls are accessible from the device settings and Teams Admin Center.

RXV200 which is connected to two displays, can disable the Dual display mode via the Teams admin settings and along with this setting, to enable swapping the displays, without physically disconnecting and reconnecting the HDMI OUT cables from the RXV200. This is done from the **Teams Admin Settings** > **General:**



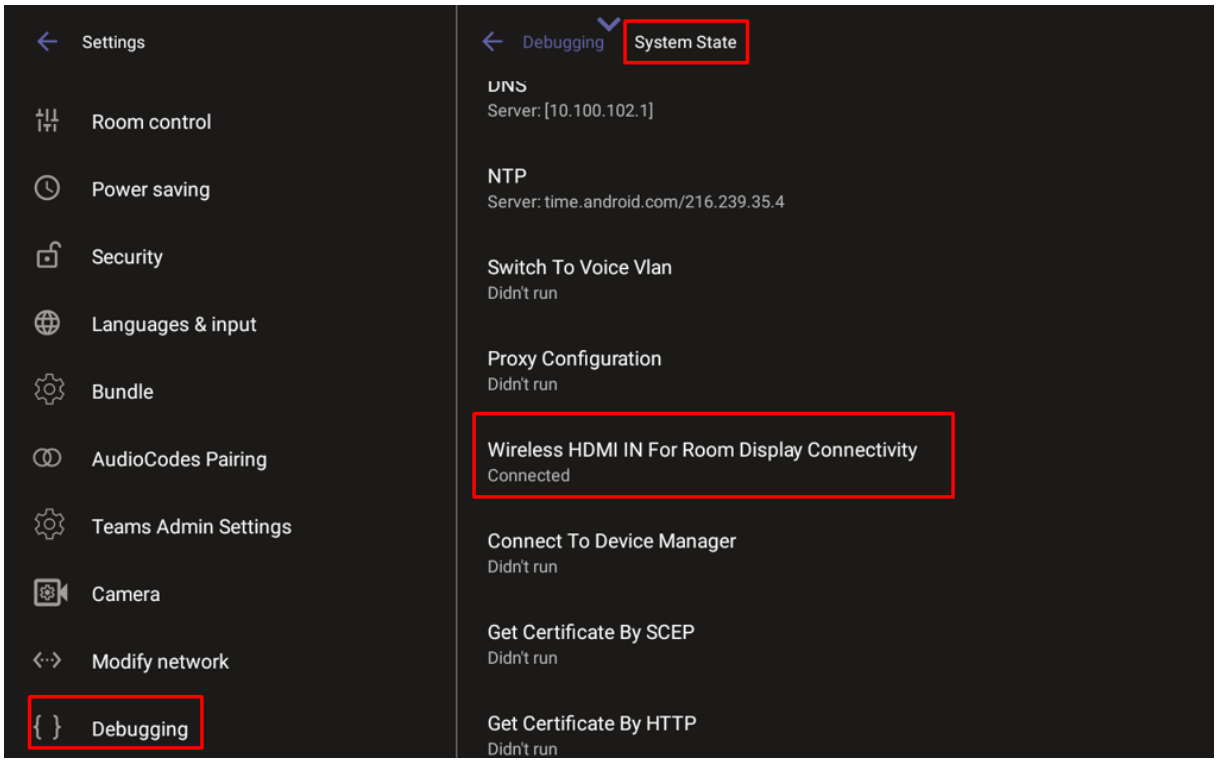
3.5.1.9 Camera Default Tracking Mode Change

Starting from this release, the default tracking mode was changed as follows:

- RXV200, RXV81, RXVCam50, and RXVCam70: Default tracking mode is now **Auto Framing**.
- RXVCam360: Default tracking mode is **Smart Gallery**.

3.5.1.10 Monitoring Wireless HDMI In Service (Share PC Screen from RX-PAD HDMI-In Port)

The System State UI page includes the ability to monitor the HDMI In state. This is done from the **Debugging** > **System State**. This status constantly checks the availability of the Wireless HDMI In service.



3.5.2 Resolved Limitations in Version 2.8.208

3.5.2.1 Device

Table 3-28: Resolved Device Limitations

Incident	Description
IPPAN-14702	Firmware upgrades from CP to AOSP when the device is not yet signed in might end with Teams app not loading (black screen) and a need for an additional reboot to recover the device.
IPPAN-14239	RXV360 – In rare occasions, the camera stops working when entering a Teams meeting and requires a camera reboot to recover.
IPPAN-14333	The 'User data reset' action to the MTRA front of room cannot be done from the RX-PAD.
IPPAN-14116	[RXV200] Pressing 'Camera' mode via Teams Admin Settings causes a crash.
IPPAN-13569	Sometimes, after RXV200 is unpaired with RX-PAD, RXV200 displays a black screen, but it can be 'woken up'.
IPPAN-14110	[RXV200] On rare occasions, RXVCam50 gets stuck on the 'upgrading' message and does not function afterwards unless it is rebooted.
IPPAN-14103	The device allows installation of an earlier Teams app version via Teams admin center (TAC).

Incident	Description
IPPAN-13573	When RXV81 is in ad-hoc mode, Camera Settings ‘Restore’ does not function.
IPPAN-13834	The menu displays incorrectly (mirrored) in RXVCam50.
IPPAN-14131 IPPAN-14734	On some occasions, the MTRA screen displaying a faulty message “Display is not connected”. This message can be cleared from the RX-PAD.

3.5.2.2 Teams Application

Table 3-29: Resolved Teams Limitations

Incident	Description
-	-

3.5.3 Known Limitations in Version 2.8.208

3.5.3.1 Device

Table 3-30: Known Device Limitations

Incident	Description
IPPAN-14695	[RX-PAD] On some occasions, and right after reboot, touching the RX-PAD to access the 'device setting' screen results with no response.
IPPAN-14571	On some occasions, the RX-PAD screen flashes.
IPPAN-14261	[RXV200 **Camera Settings**] **Camera Settings** is currently not supported for the RXVCam70 Wide Camera.
IPPAN-14647	[Camera settings] When creating a new preset, ‘Brightness’ and ‘Saturation’ are not being saved.
IPPAN-14692	[Composite AI] When using Composite AI, the RX-PAD can't create a new preset. The preset can be created via the RXV200.
IPPAN-14689	[Composite AI] Enabling/Disabling Composite AI is accessible to administrators during a meeting (from the notification bar). Changing the Composite AI mode during a meeting will restart the Teams and end the meeting.
IPPAN-14689	[Composite AI] On some occasions the Composite AI can be turned off during an existing Teams meeting.
IPPAN-14370	[Composite AI] On rare occasions, the RXVCam70 might go out of function and needs to be rebooted to recover.
IPPAN-13878	[RXV200 + RXVCam360] On rare occasions, RXVCam360 might freeze during a Teams meeting and need a reboot to recover.
IPPAN-14544	[RXV200 + RXVCam360] On rare occasions, when using the ‘Smart Gallery’ Mode the camera might go out of function and needs to be rebooted to recover.
IPPAN-14022	[RXV81 as Ad-Hoc Peripheral/Full Peripheral] On some occasions, the RX-PAD doesn't show the 'mute' button; on other occasions, it wrongly displays 'end' button in idle state.

Incident	Description
IPPAN-14694	[When using Microsoft Teams app 2.4.x Teams Dual display mode and swap screens new feature]. When HDMI2 is the main screen and enabling dual-screen mode, one cannot swap screens via RX-PAD.

3.5.3.2 Teams Application

Table 3-31: Known Teams Application Limitations

Incident	Description
IPPAN-5082	When using right-to-left languages (Hebrew, for example), the soft dial pad and displayed dial string are reverted.
-	In some cases, signing in as user ‘B’ after the device was used by ‘A’ isn’t flawless. Restoring to default is consequently recommended after signing out.
IPPAN-10643	[RX-PAD] There’s a delay on RX-PAD when you answer a call. It’s immediately displayed on the monitor, but on RX-PAD the answering and call menus are still displayed after two to four seconds.
IPPAN-12728	On some occasions, connecting two TV screens to RXV200 results in the Teams app getting stuck on ‘Verifying a few things...’ when first signing in. To work around this limitation, a single TV screen can be used during the sign-in.
IPPAN-12738	On rare occasions, the same screen displayed on HDMI1 and HDMI2 results in no secondary screen.
IPPAN-13566	After setting ‘Font Size’ to ‘Largest’, the ‘Source’ pane in the page located under Teams Admin Settings > Devices > Room Camera > Source shows a partial (cut-off) list of cameras.
IPPAN-13458	When RXV200 is connected to RXVCam50/70/360 and RXVCam10 is added as the Content Camera, if RXVCam50/70/360 is disconnected and reconnected during a meeting, RXVCam50/70/360 does not function.
IPPAN-13564	RX-PANEL syncs ‘Busy’ LED only for scheduled meetings and reserved meetings.
IPPAN-14703	When Teams pairing is done, "All set!" keep appearing on the RX-PAD screen for too long (more than 1 minute)
IPPAN-14719	Teams Reset Pairing (Done via Teams Admin Settings) behaves abnormally. To perform pairing after this action, there is a need to reset the RX-PAD.
IPPAN-14706	[Microsoft Teams app 2.4.x] When utilizing Microsoft Swap Screen feature, the screen connected to HDMI2 occasionally displays black for approximately 15 seconds before recovering automatically.
IPPAN-14738	[Microsoft Teams app 2.4.x] When utilizing Microsoft Swap Screen feature, the primary screen occasionally fails to display.
IPPAN-14577	[Microsoft Teams app 2.4.x] The pairing between RXV81 and RX-PAD breaks in rare occasions, requiring a reboot of the devices to restore functionality.

3.6 Version 2.6.293

3.6.1 What's New

- Version 2.6.293 of RXV81 (bundled with RX-PAD) and RXV200 (bundled with RX-PAD) include Microsoft Teams app 2.3.0 (2024080804). For a list of new features / resolved limitations in the Teams app, click here.
- Version 2.6.293 of RX-PANEL includes Microsoft Teams app 3.2.0 (2024081207). For a list of new features / resolved limitations in the Teams app, click here.

- MTRA = Microsoft Teams Room on Android
- MTRA in this document refers to both RXV81 and RXV200

- Migration to Android Open-Source Project (AOSP)

Starting from this release, Microsoft Teams Android devices have migrated to Microsoft Intune Android Open Source Project (AOSP) device management. AOSP device management is the mobile device management (MDM) platform for Teams devices.

This offers more reliable and improved deployment experience for admins and serves as the platform for future innovation and richer management scenarios for Microsoft Teams Android devices (Teams Rooms, Teams panels, Teams phones, and Teams displays).

AOSP Device Management replaces the legacy Android Device Administrator solution used for managing Teams Devices.

For more info about the AOSP migration, please refer to Moving Teams Android Devices to AOSP Device Management | Microsoft Community Hub.

Running tenants without any Intune policies doesn't require following the above guide to create new appropriate rules to comply with AOSP. Migrated devices using Company Portal app to Authenticator app (AOSP) perform smoothly, requiring only the use of new firmware provided by AudioCodes.

3.6.2 Resolved Limitations in Version 2.6.293

3.6.2.1 Device

Table 3-32: Resolved Device Limitations

Incident	Description
IPPAN-14283	RXV200] Sometimes, the RXVCam360 freezes during a meeting.
IPPAN-14103	The device allows installation of an earlier Teams app version via Teams admin center (TAC).

3.6.2.2 Teams Applications

Table 3-2: Resolved Device Limitations

Incident	Description
-	-

3.6.3 Known Limitations in Versions 2.6.293

3.6.3.1 Device

Table 3 1: Resolved Device Limitations

Incident	Description
IPPAN-14283	[RXV200] When both HDMI Out ports are connected, the touch screen functions only on the TV connected to HDMI2. This is handled in the next major release, version 2.8.
IPPAN-13569	Sometimes, after RXV200 is unpaired with RX-PAD, RXV200 displays a black screen, but it can be 'woken up' This is handled in the next major release, version 2.8.
IPPAN-13573	RXV81 in Ad Hoc Peripheral Mode cannot restore Camera Settings.
IPPAN-13878	[RXV200] On rare occasions, RXVCam360 might freeze during a Teams meeting and need a reboot to recover.
IPPAN-13834	The local participant views the RXVCam50M Camera Settings menu displayed reversed. The remote participant views it in the correct direction. This issue is addressed in the next major release of AudioCodes firmware for MTR on Android.
IPPAN-5082	When using right-to-left languages (Hebrew, for example), the soft dial pad and displayed dial string are reverted.
-	In some cases, signing in as user 'B' after the device was used by 'A' isn't flawless. Restore to default is consequently recommended after signing out.
IPPAN-10643	[RX-PAD] There's a delay on RX-PAD when you answer a call. It's immediately displayed on the monitor but on RX-PAD the answering and call menus are still displayed after two to four seconds.
IPPAN-12728	On some occasions, connecting two TV screens to RXV200 results in the Teams app getting stuck on 'Verifying a few things...' when first signing in. To work around this limitation, a single TV screen can be used during the sign-in.
IPPAN-12738	On rare occasions, the same screen displayed on HDMI1 and HDMI2 results in no secondary screen.
IPPAN-13566	After setting 'Font Size' to 'Largest', the 'Source' pane in the page located under Teams Admin Settings > Devices > Room Camera > Source shows a partial (cut-off) list of cameras.
IPPAN-13458	When RXV200 is connected to RXVCam50/70/360 and RXVCam10 is added as the Content Camera, if RXVCam50/70/360 is disconnected and reconnected during a meeting, RXVCam50/70/360 does not function.
IPPAN-13564	RX-PANEL syncs 'Busy' LED only for scheduled meetings and reserved meetings.

3.7 Version 2.6.280

3.7.1 What's New

- Version 2.6.280 of RXV81 (bundled with RX-PAD) and RXV200 (bundled with RX-PAD) includes Microsoft Teams app 2.3.0 (2024080804). For a list of new features / resolved limitations in the Teams app, go here.
- Version 2.6.280 of RX-PANEL includes Microsoft Teams app 3.2.0 (2024081207). For a list of new features / resolved limitations in the Teams app, go here.

- MTRA = Microsoft Teams Room on Android
- MTRA in this document refers to both RXV81 and RXV200

- **New Microsoft apps:**
  - MTRA Microsoft Teams app MTRA 2.3.0 (2024080804).

    Introduced in this update:

    - **Custom backgrounds** Pro. IT admins can upload custom background images on the Teams admin center to reinforce their company brand on their Teams Rooms on Android devices. The main room display, extended room display, and touch console can each have their own specific background image. PNG, JPG, and JPEG formats are supported. This feature is only available with the Teams Rooms Pro license. Learn more.
    - **Join Zoom meetings with an ID and passcode**. Users can now join Zoom meetings with an ID and a passcode on Teams Rooms on Android. Rooms must be configured to enable Direct Guest Join meetings. Learn more.

    For Microsoft's 'Release Notes for Microsoft Teams Rooms', see here.
  - RX-PANEL Teams app 3.2.0 2024081207. For more information, see here.
  - Admin Agent 733
  - Microsoft Intune Company Portal 5.0.6152 (same as previous release)

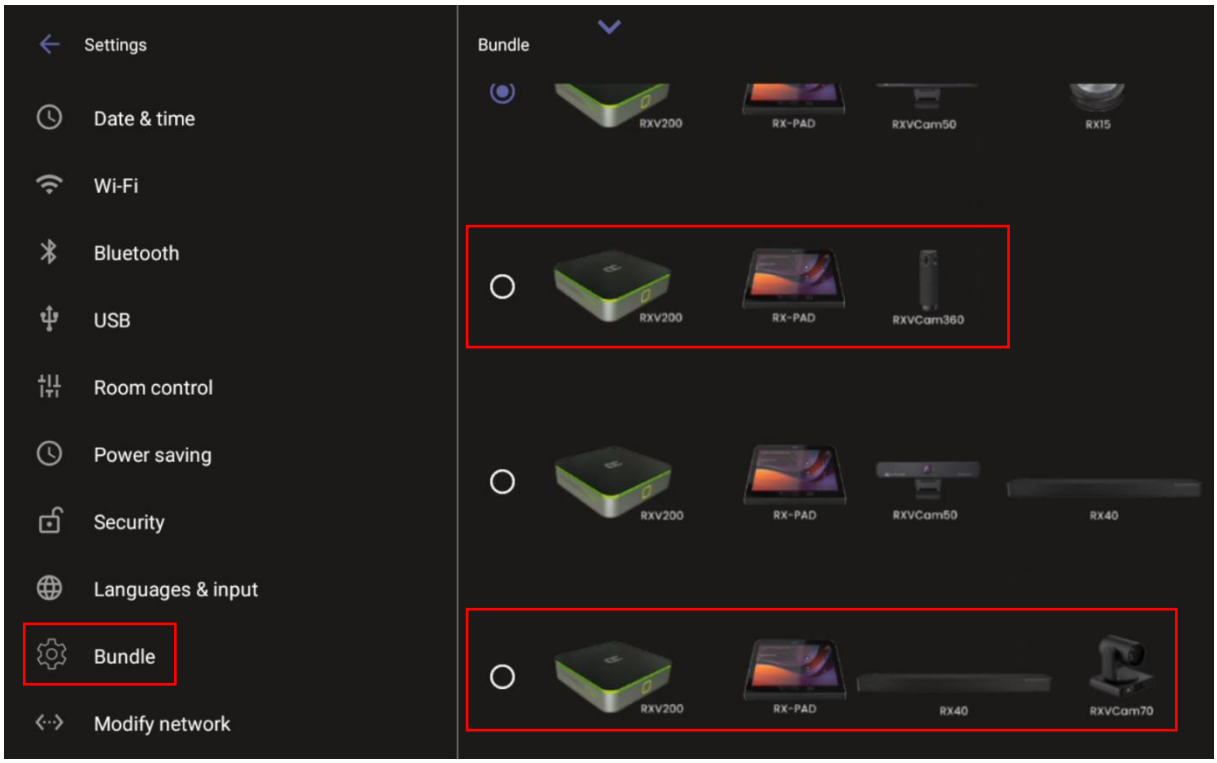
  [RXV200] **A new bundle B70** is available in this version. It includes:

  - RX-PAD
  - RXVCam70
  - RX40

  [RXV200] **A new bundle B360** is available in this version. It includes:

  - RX-PAD
  - RXVCam360

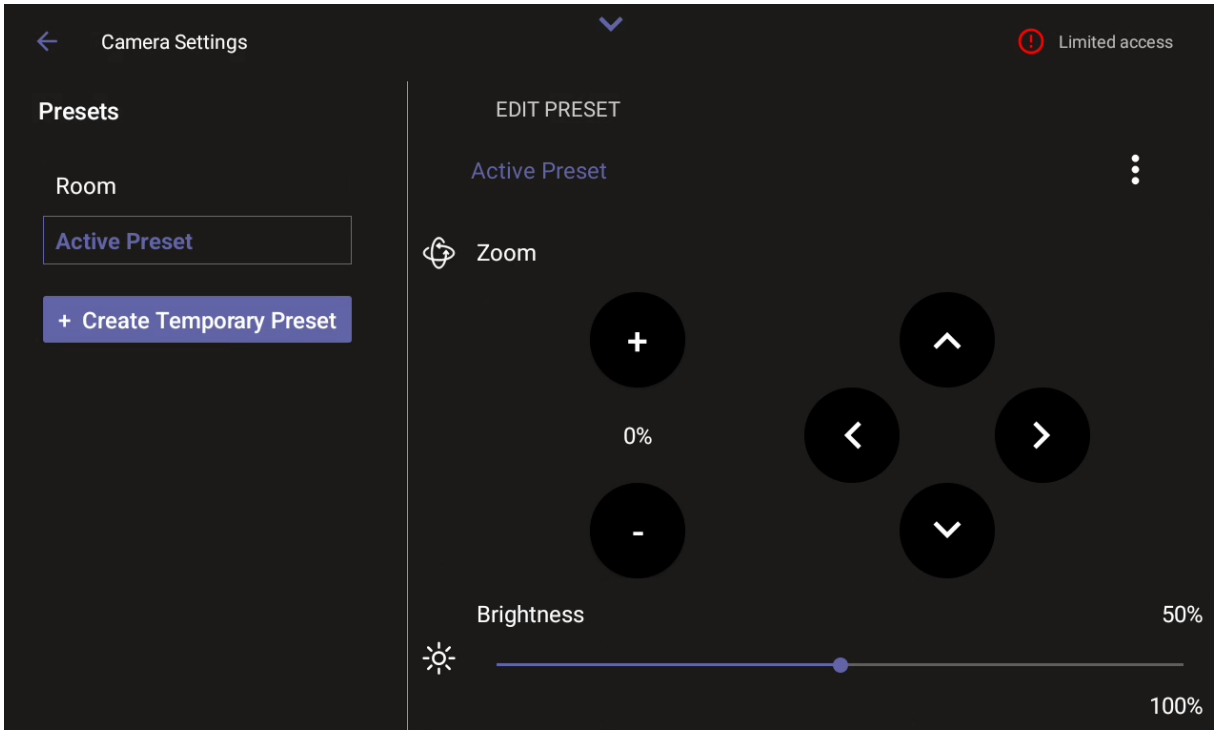
The figure below shows the two newly added bundle options:

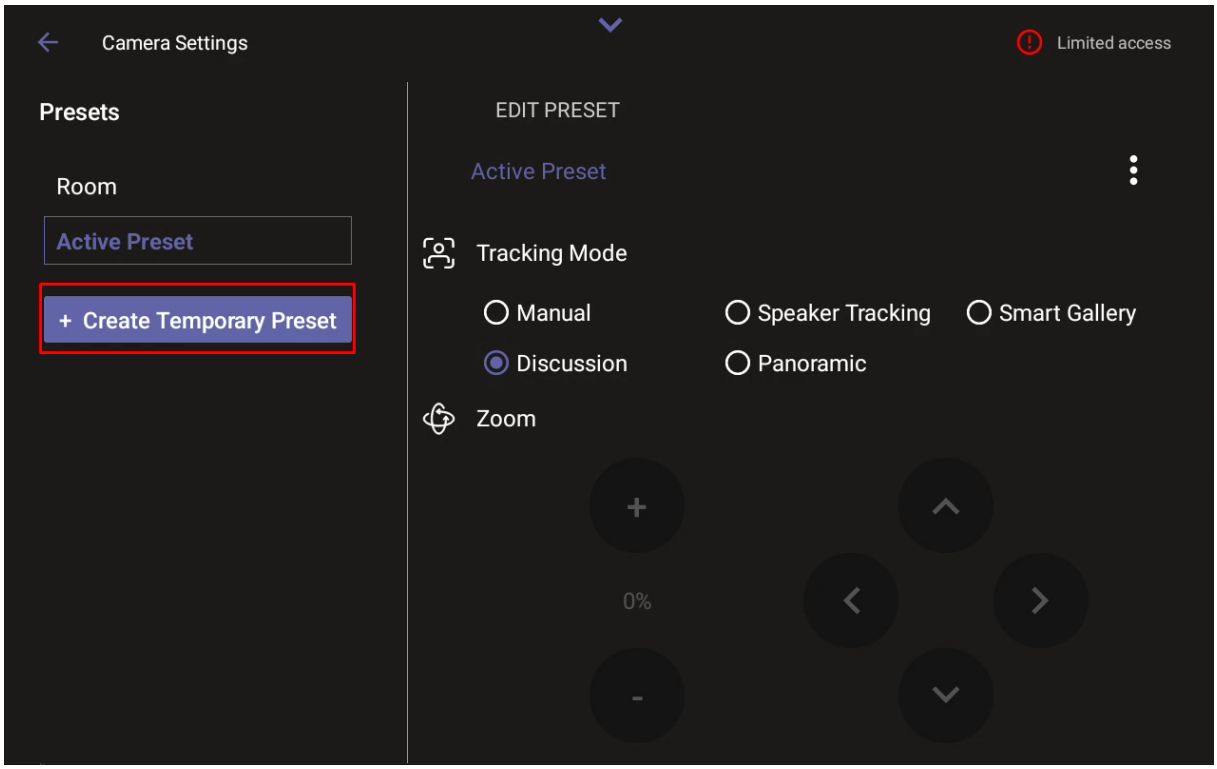


- **RXVCam50 camera quality has been improved**.
- **RX-PAD Camera Settings enhanced user experience**. RX-PAD's Camera Settings have been enhanced for a smoother and more intuitive user experience.

Zoom adjustments now offer greater precision and control.

Additionally, navigation arrows have been introduced for Tilt and Pan functionalities, providing a more natural and seamless interface for these movements.





- **Firmware Downgrade Block Introduced to Prevent Conflicts**. Starting from this version release, firmware downgrade is blocked. This prevents a possible race condition between Microsoft Teams admin center (TAC) and AudioCodes' OVOC | Device Manager.
- **Peripheral Device Downgrade Restrictions Implemented**. Starting from this version release, downgrading peripheral devices (such as cameras and audio devices) to a version older than the built-in release on the RXV200 is restricted.
- RXV200 MTRA includes updated firmware for RXVCam70.
- RXV200 MTRA includes updated RXVCam360 video firmware.

3.7.2 Resolved Limitations in Version 2.6.280

3.7.2.1 Device

Table 3-33: Resolved Device Limitations

Incident	Description
IPPAN-13904	[RX-PAD] On some occasions, the 'Settings isn't responding' popup appears during HDMI IN casting. Rebooting solves the issue.
IPPAN-13565	[RX-PAD] On rare occasions, the 'Settings isn't responding' popup appears during normal RX-PAD UI use. Rebooting solves the issue.
IPPAN-13940	[Bundle Settings] On some occasions, the bundle settings disappear after selecting a bundle.
IPPAN-13955	[Camera Settings] On 'Active Preset' and 'Temporary Preset', after switching 'Color Mode' the Brightness/Contrast/Saturation sliders aren't in sync.
IPPAN-13200	[RXV81] On some occasions, adding people to an existing meeting results in one-way voice (people in the RXV81 meeting room cannot hear the remote party who joined the meeting).

Incident	Description
IPPAN-13611	[RXV200 + RXVCam70] On some occasions, the Camera Settings do not function optimally. Rebooting solves the issue.
IPPAN-13877	The phone's OVOC | Device Manager module might crash when setting **personal_settings/language** to an unrecognized string.
IPPAN-13745	[RX-PAD] In Camera Settings, clicking the RX-PAD back button does not take the user back to the Teams home screen.
IPPAN-13399	[RX-PAD] Sometimes, the default RX-PAD audio device list doesn't sync the newly connected audio device from the MTRA.
IPPAN-13299	[RXV200] RXVCam70 displays two RXVCam70 devices in Room Camera Source when connecting one RXVCam70.
IPPAN-13570	[RXV200] RXVCam70 connected to RXV200 is being reported twice with different versions.
IPPAN-13666	[RXV200] RXVCam70 main and secondary cameras get stuck during a meeting.
IPPAN-13631	[RXV200] RXVCam70 doesn't upgrade automatically after upgrading RXV200 with newer camera firmware.
IPPAN-13733	[RXV200] RXVCam360 firmware upgrade requires improvement because the crash risk is too high.
IPPAN-13660	[RXV200] RXVCam360 update from RXV200 fails.
IPPAN-13674	RXV200 sometimes does not detect RXVCam360.

3.7.2.2 Teams Application

Table 3-34: Resolved Teams Limitations

Incident	Description
-	-

3.7.3 Known Limitations in Version 2.6.280

3.7.3.1 Device

Table 3-35: Known Device Limitations

Incident	Description
IPPAN-9492	[RXV200] When both HDMI Out ports are connected, the touch screen functions only on the TV connected to HDMI2. This is handled in the next major release, version 2.8.
IPPAN-13569	Sometimes, after RXV200 is unpaired with RX-PAD, RXV200 displays a black screen, but it can be 'woken up' This is handled in the next major release, version 2.8.
IPPAN-13573	RXV81 in Ad Hoc Peripheral Mode cannot restore Camera Settings.
IPPAN-13878	[RXV200] On rare occasions, RXVCam360 might freeze during a Teams meeting and need a reboot to recover.
IPPAN-13834	The local participant views the RXVCam50M Camera Settings menu displayed reversed. The remote participant views it in the correct direction. This issue is addressed in the next major release of AudioCodes firmware for MTR on Android.

3.7.3.2 Teams Application

Table 3-36: Known Teams Application Limitations

Incident	Description
IPPAN-5082	When using right-to-left languages (Hebrew, for example), the soft dial pad and displayed dial string are reverted.
-	In some cases, signing in as user 'B' after the device was used by 'A' isn't flawless. Restore to default is consequently recommended after signing out.
IPPAN-10643	[RX-PAD] There's a delay on RX-PAD when you answer a call. It's immediately displayed on the monitor but on RX-PAD the answering and call menus are still displayed after two to four seconds.
IPPAN-12728	On some occasions, connecting two TV screens to RXV200 resulted in the Teams app getting stuck on 'Verifying a few things...' when first signing in. To work around this limitation, a single TV screen can be used during the sign-in.
IPPAN-12738	On rare occasions, the same screen displayed on HDMI1 and HDMI2 results in no secondary screen.
IPPAN-13566	After setting 'Font Size' to 'Largest', the 'Source' pane in the page located under Teams Admin Settings > Devices > Room Camera > Source shows a partial (cut-off) list of cameras.
IPPAN-13458	When RXV200 is connected to RXVCam50/70/360 and RXVCam10 is added as the Content Camera, if RXVCam50/70/360 is disconnected and reconnected during a meeting, RXVCam50/70/360 does not function.
IPPAN-13564	RX-PANEL syncs 'Busy' LED only for scheduled meetings and reserved meetings.

3.8 Version 2.6.228

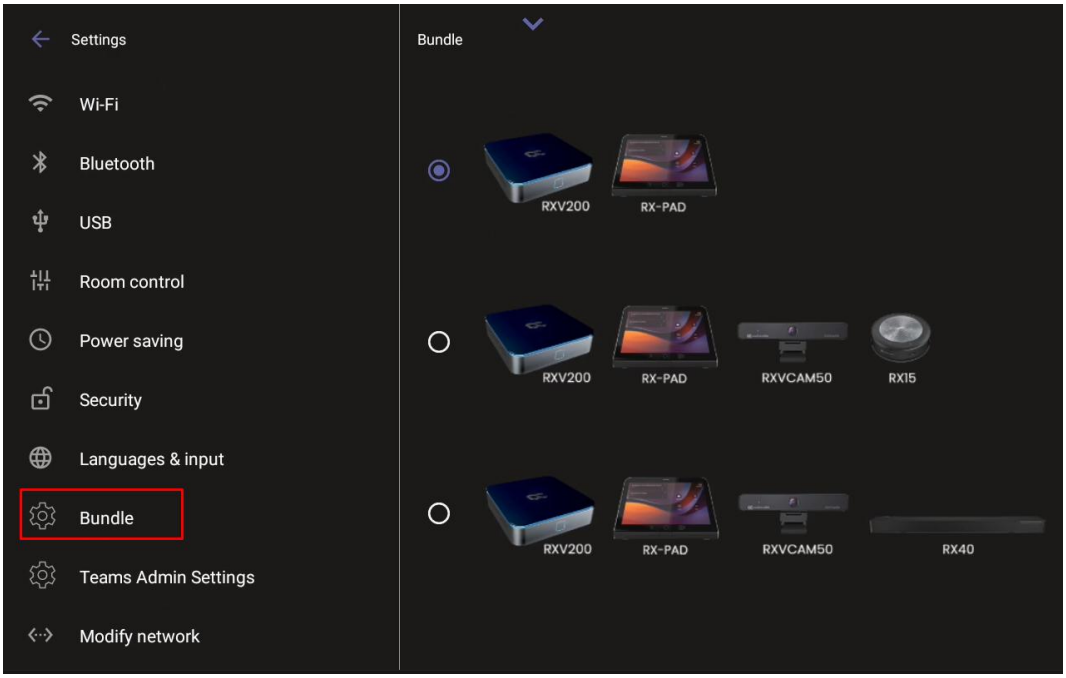
3.8.1 What's New

- Version 2.6.228 of RXV81 (bundled with RX-PAD) and RXV200 (bundled with RX-PAD) includes Microsoft Teams app 2.2.2 (2024061103). For a list of new features / resolved limitations in the Teams app, go here.
- Version 2.6.228 of RX-PANEL includes Microsoft Teams app 3.1.1 (2024071105). For a list of new features / resolved limitations in the Teams app, go here.

- MTRA = Microsoft Teams Room on Android
- MTRA in this document refers to both RXV81 and RXV200

- **New Microsoft apps:**
  - MTRA Microsoft Teams app MTRA 2.2.2 (2024061103). For more information, see here.
  - RX-PANEL Teams app 3.1.1 2024071105. For more information, see here.
  - Admin Agent 703
  - Microsoft Intune Company Portal 5.0.6152 (same as previous release)
- **Share the user's PC screen via the RX-PAD HDMI In port**. The connection has been improved and is now much faster than previously
- **MTRA 'Bundle Settings' are now supported from RX-PAD**. Before version 2.6, this feature was only supported via the MTRA Front of Room using RX-PAD's remote keyboard.

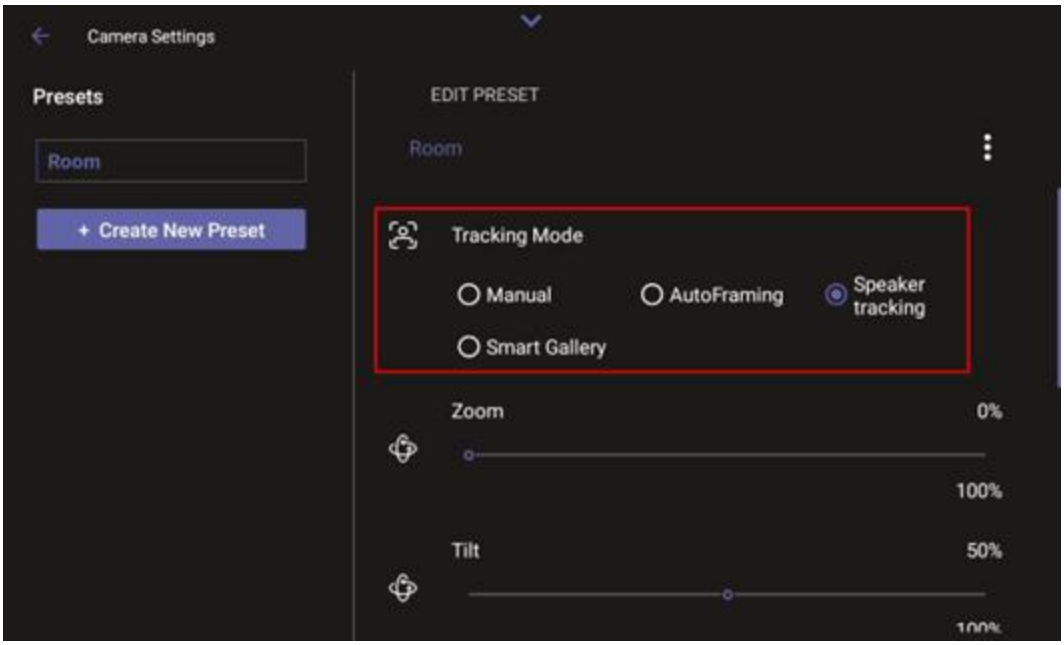
In version 2.6, the bundle settings are easily accessible from RX-PAD (relevant for RXV81 or RXV200).



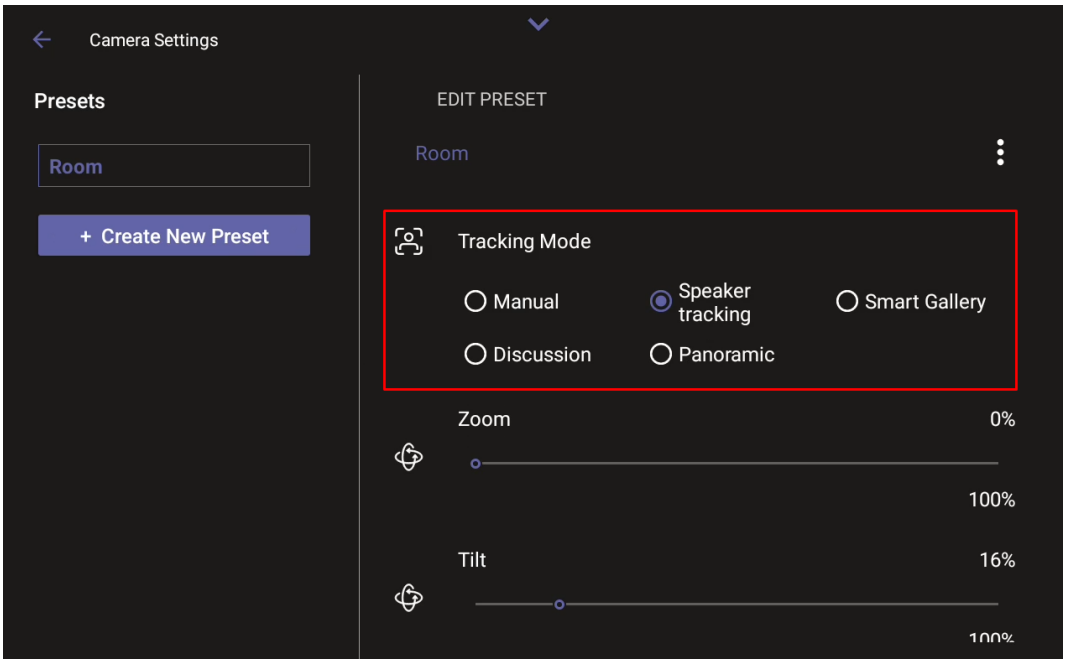
At any point, the admin can rerun the wizard and change the bundle; the newly configured bundle overrides the existing bundle.

- RXV200 B05 bundle with RXVCam70] Camera Settings are supported on RX-PAD, including AI-Powered Camera Modes. Available 'Camera Settings' options are:
  - Manual
  - Auto framing
  - Speaker tracking
  - Smart Gallery

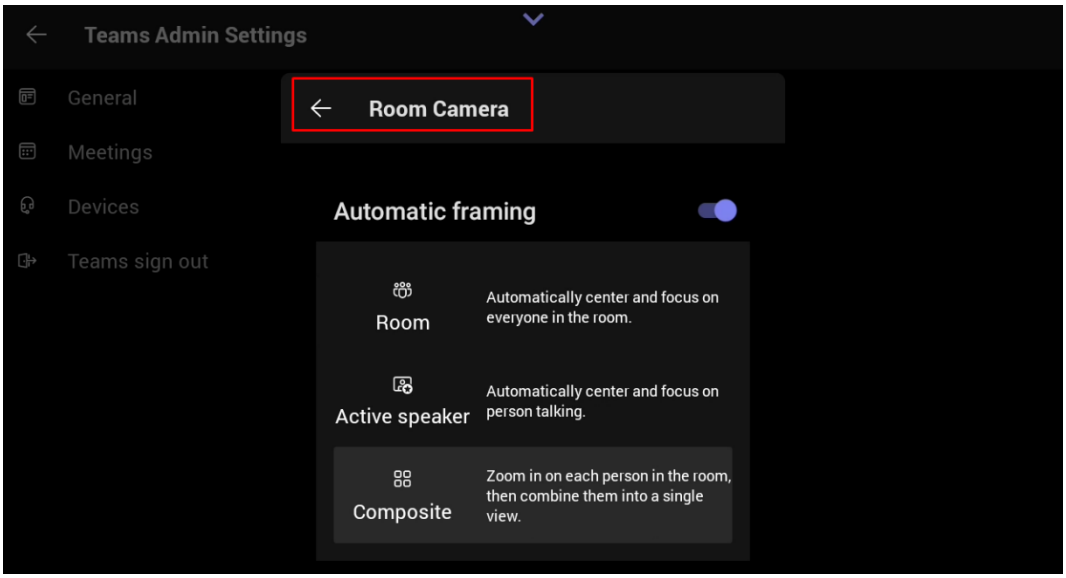
> Presenter tracking mode is currently supported only via the remote control. Presenter tracking mode settings on RX-PAD are supported in a future release.



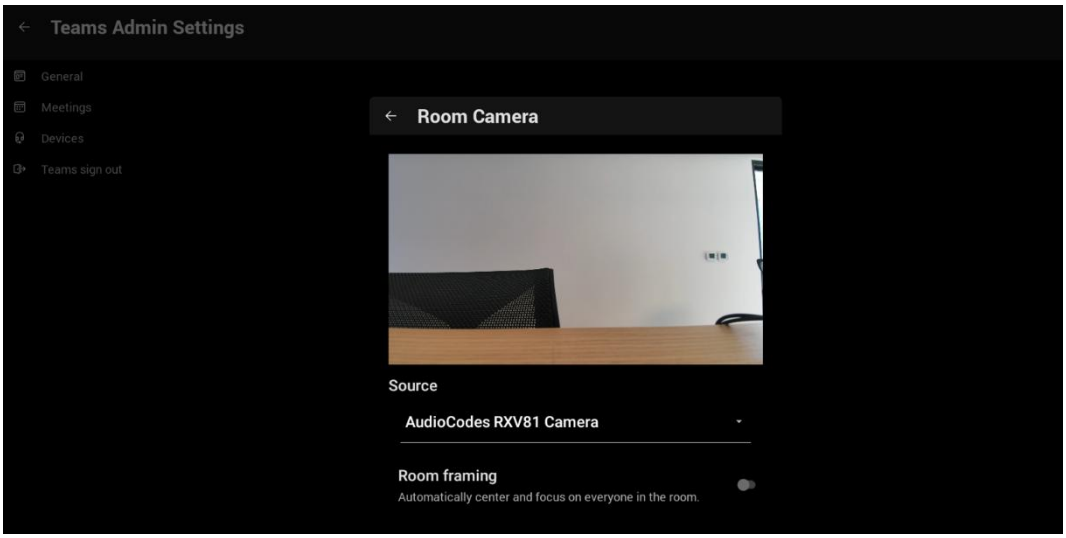
- [RXV200 B05 bundle with RXVCam360]. Camera Settings are supported by RX-PAD, including AI-Powered Camera Modes. Available 'Camera Settings' options are:
  - Manual
  - Speaker tracking
  - Smart Gallery
  - Discussion
  - Panoramic



- **[RXV200] Smart camera settings (AudioCodes side) are now supported via Device Settings > Teams Admin Settings**. All smart camera settings tracking modes are synchronized with Teams app side.

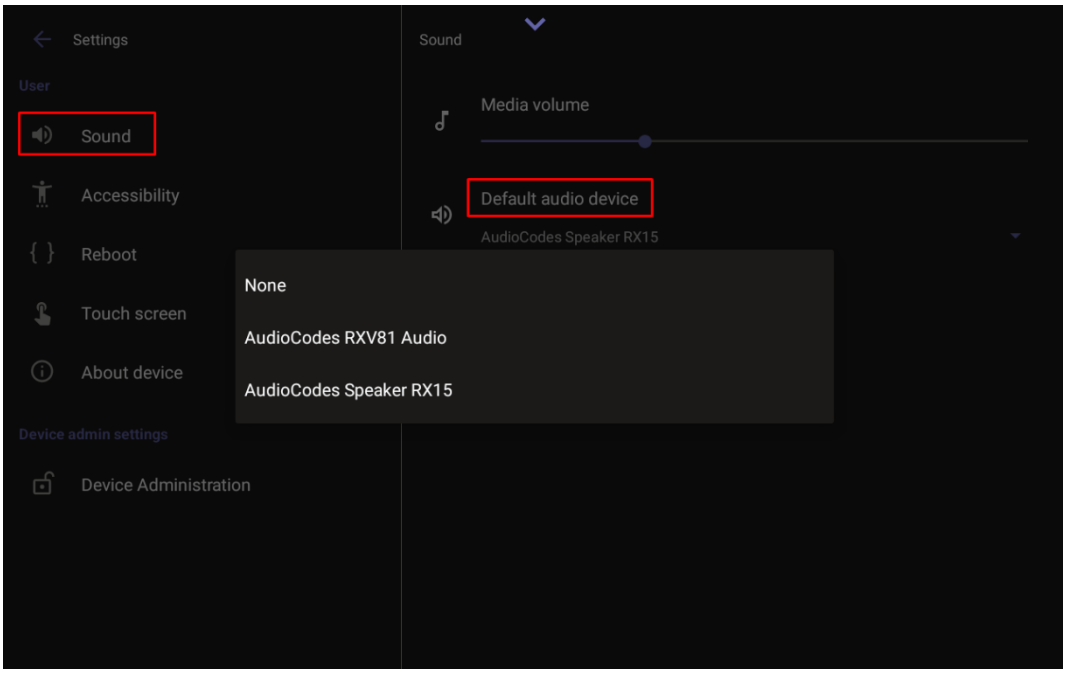


- **[RXV81] Smart camera settings (AudioCodes side) are now supported via Device Settings > Teams Admin Settings**. All smart camera settings tracking modes are synchronized with Teams app side.

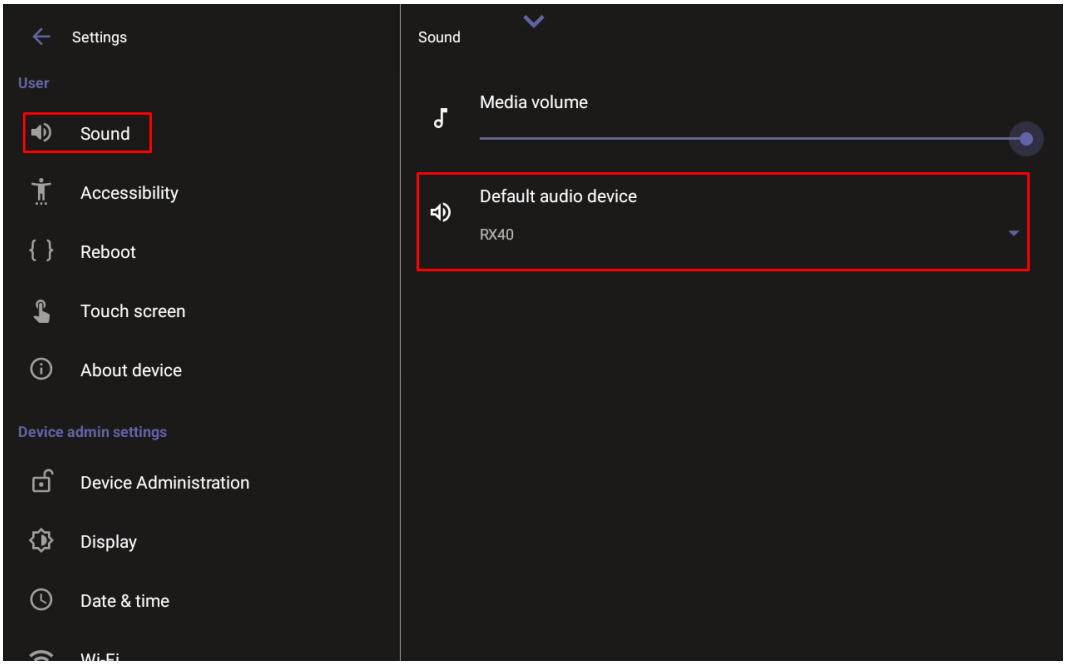


- [RXV200] **RXVCam360 camera and speaker firmware upgrade**.
- [RXV200] **RXVCam70 camera firmware upgrade**.
- Default audio device [Doesn't apply to RXV81-P bundle] Admin can **select the default audio device** if there's more than one audio device option available (**Device settings** > **Sound**).

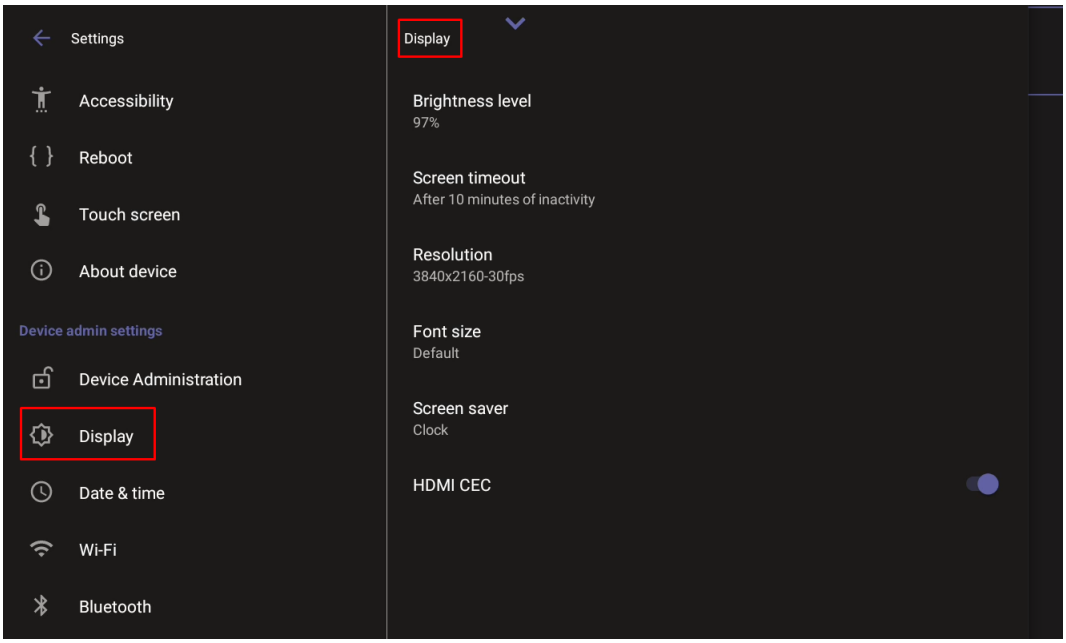
The figure below shows the Sound page when RX-PAD is bundled with RXV81 MTRA.



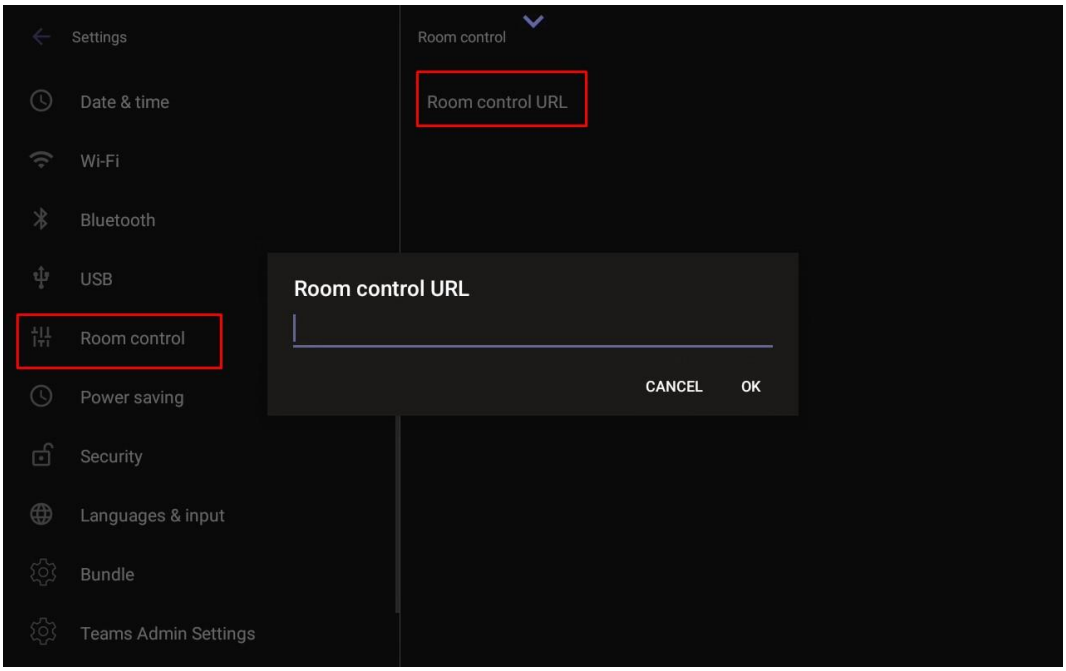
The figure below shows the Sound page when RX-PAD is bundled with RXV200 MTRA.



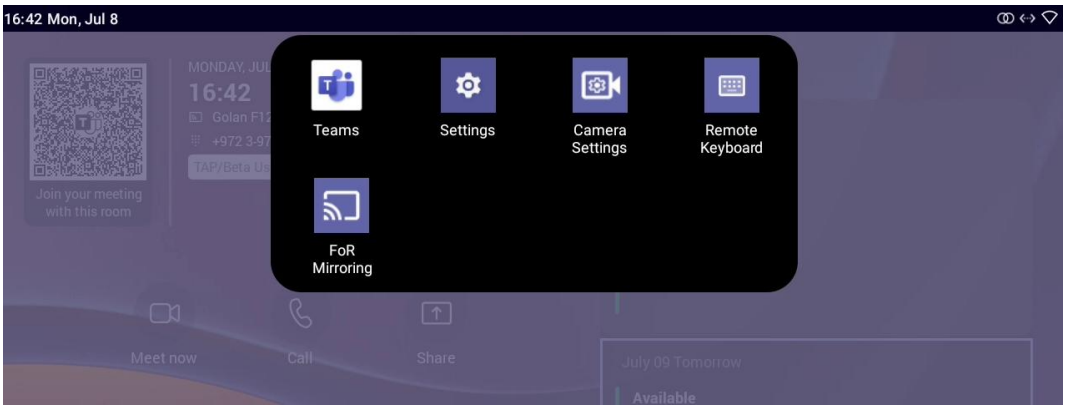
- [HDMI Out] Admin can now **limit HDMI resolution and Frames per Second** (FPS) for debugging purposes.



- [RXV200] **New camera support for YUYV format** (some PTZ cameras such as ClearOne support this format only)
- [RX-PAD Meeting Room Controller GUI] A **new setting** has been added to configure the FQDN address of the RX-PAD Meeting Room Controller. If RX-PAD is launched but the app has an invalid FQDN address, the admin is prompted to manually enter it. For detailed instructions, refer to the Administrator's Manual.



- The **'Camera Settings' icon** under the app launcher has been changed.



3.8.2 Resolved Limitations in Version 2.6.228

3.8.2.1 Device

Table 3-37: Resolved Device Limitations

Incident	Description
IPPAN-13338	[RXVCam50M/L] RXV200 displays incorrect Information about the camera firmware version.
IPPAN-12538	Sometimes, when setting the volume in the setting of RX-PAD, after RXV200 ends the call, the ring notification volume changes automatically.
IPPAN-13342	On rare occasions, devices are displayed in Microsoft Teams admin center as "Offline" after an upgrade.
IPPAN-11662	On some occasions, when entering Camera Settings, the primary display flickers.
IPPAN-13373	[RXV200] When updating to a newer Teams app (2.3.0, expected to be in production soon), RXVCam50 is not recognized and does not display video.
IPPAN-13544	On some occasions, the MTRA is showing a faulty pop-up message 'Teams console is not paired with RXV200/RXV81 in Teams-Level' and the user cannot hide it.
IPPAN-13397	[MTRA] Performing a 'User Data Reset' action on both MTR and console together is unavailable; it's necessary to perform the action on one and then on the other.
IPPAN-13400	On some occasions, the screen might display a faulty 'PC is connected Streaming Audio' pop-up (though no PC is connected) and causes the meeting to enter into 'Hold' state.
IPPAN-13524	[Wireless HDMI In] After restoring to default, sharing the PC screen via RX-PAD might not work.
IPPAN-13527	[Wireless HDMI In] On rare occasions, sharing the PC screen via RX-PAD might cause RX-PAD to crash.
IPPAN-13308	[RXV200] [Wireless HDMI In] When sharing the PC screen via RX-PAD, when first connecting (the first PC share), RXV200 does not play a ringtone for an incoming call (meeting invitation, etc.).
IPPAN-13450	[RXV200] On some occasions, the screen might flicker during a meeting.
IPPAN-13425	[Camera Settings] When creating a temporary preset during a meeting, the 'Restore' option does not work.
IPPAN-13352	Disconnecting the camera when it's in Camera Settings, in a meeting, or in idle state (home screen), tracking mode is sometimes automatically changed to 'Manual'.

Incident	Description
IPPAN-13430	Disconnecting and connecting the RXV200 camera when in a meeting might result in the RXV200 device settings crashing.
IPPAN-13116	After the firmware upgrade of a device (RXV80, RXV200 or RX-PAD) is completed, another upgrade is independently initiated via Device Manager.
IPPAN-13335	[RXV200 connected through Wi-Fi] RXV200 connects to WPA3_personal (SAE) through the UI but the configuration isn't saved.
IPPAN-13068	On some occasions, devices get stuck in the 'Settings' page / 'Language' selection following a firmware upgrade from OS9 to OS12. OS9 might exist only on RXV81.
IPPAN-13543	[RXV200] On some occasions, when the RXV200 HDMI In port is connected via Crestron matrix, a faulty pop-up message 'Couldn't stop projecting' appears without trying to share the PC screen.
IPPAN-13179	[RXV200] Sharing the PC screen via the RXV200 HDMI In port might not work if disabling the 'Automatically share to the room display' Teams app option and then rebooting RXV200.

3.8.2.2 Teams Application

Table 3-38: Resolved Teams Limitations

Incident	Description
-	-

3.8.3 Known Limitations in Version 2.6.228

3.8.3.1 Device

Table 3-39: Known Device Limitations in Version 2.6.228

Incident	Description
IPPAN-9492	[RXV200] When both HDMI Out ports are connected, the touch screen functions only on the TV connected to HDMI2.
IPPAN-12795	HDMI Out cannot be used to play audio. Audio must be played via the USB speakers.
IPPAN-13660	On some occasions, updating RXVCam360 firmware from RXV200 is unsuccessful.
IPPAN-13399	Sometimes, the list of RX-PAD default audio devices is not synchronized with the audio devices connected to the Front of Room device.
IPPAN-13569	Sometimes, after RXV200 is unpaired with RX-PAD, RXV200 displays a black screen but it can be woken up.
IPPAN-13674	RXV200 sometimes does not detect RXVCam360.
IPPAN-13633	When RXVCam10 is disconnected from RXV81 during a meeting, RXVCam10's image freezes and the sharing state icon remains displayed.
IPPAN-13573	RXV81 in Ad Hoc Peripheral Mode cannot restore Camera Settings.
IPPAN-13707	[RXV200] On rare occasions, RXVCam360 might freeze during a Teams meeting and need a reboot to recover. The issue is solved in the next RXV200 release.

3.8.3.2 Teams Application

Here are the known Teams application limitations in Version 2.6.228.

Table 3-40: Known Teams Application Limitations in Version 2.6.228

Incident	Description
IPPAN-5082	When using right-to-left languages (Hebrew, for example), the soft dial pad and displayed dial string are reverted.
-	In some cases, signing in as user 'B' after the device was used by 'A' isn't flawless. Restore to default is consequently recommended after signing out.
IPPAN-10643	[RX-PAD] There's a delay on RX-PAD when you answer a call. It's immediately displayed on the monitor but on RX-PAD the answering and call menus are still displayed after two to four seconds.
IPPAN-12728	On some occasions, connecting two TV screens to RXV200 resulted in the Teams app getting stuck on 'Verifying a few things...' when first signing in. To work around this limitation, a single TV screen can be used during the sign-in.
IPPAN-12738	On rare occasions, the same screen displayed on HDMI1 and HDMI2 results in no secondary screen.
IPPAN-13566	After setting 'Font Size' to 'Largest', the 'Source' pane in the page located under Teams Admin Settings > Devices > Room Camera > Source shows a partial (cut-off) list of cameras.
IPPAN-13458	When RXV200 is connected to RXVCam50/70/360 and RXVCam10 is added as the Content Camera, if RXVCam50/70/360 is disconnected and reconnected during a meeting, RXVCam50/70/360 does not function.
IPPAN-13564	RX-PANEL syncs 'Busy' LED only for scheduled meetings and reserved meetings.

3.9 Version 2.4.121

3.9.1 What's New

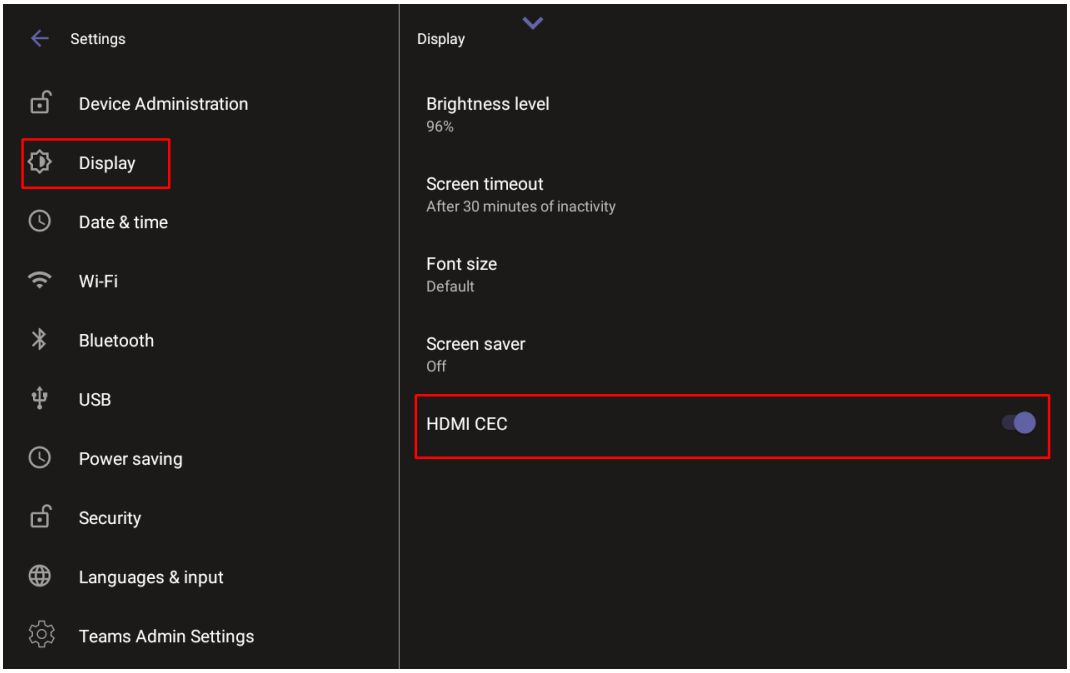
- Version 2.4.121 of RXV81 (bundled with RX-PAD) and RXV200 (bundled with RX-PAD) includes Microsoft Teams app 2.2.0 version 2024042606. For a list of new features / resolved limitations in the app, go here.
- RX-PANEL is not part of this version release. Please continue using version 2.4.55.
- To update to version 2.4.121, RXV81 must have version 1.18.361 or later. Devices with versions later than 1.18.361 can use 1.19.341 as an intermediate version and then proceed to 2.4.

- MTRA = Microsoft Teams Room on Android
- MTRA in this document refers to both RXV81 and RXV200

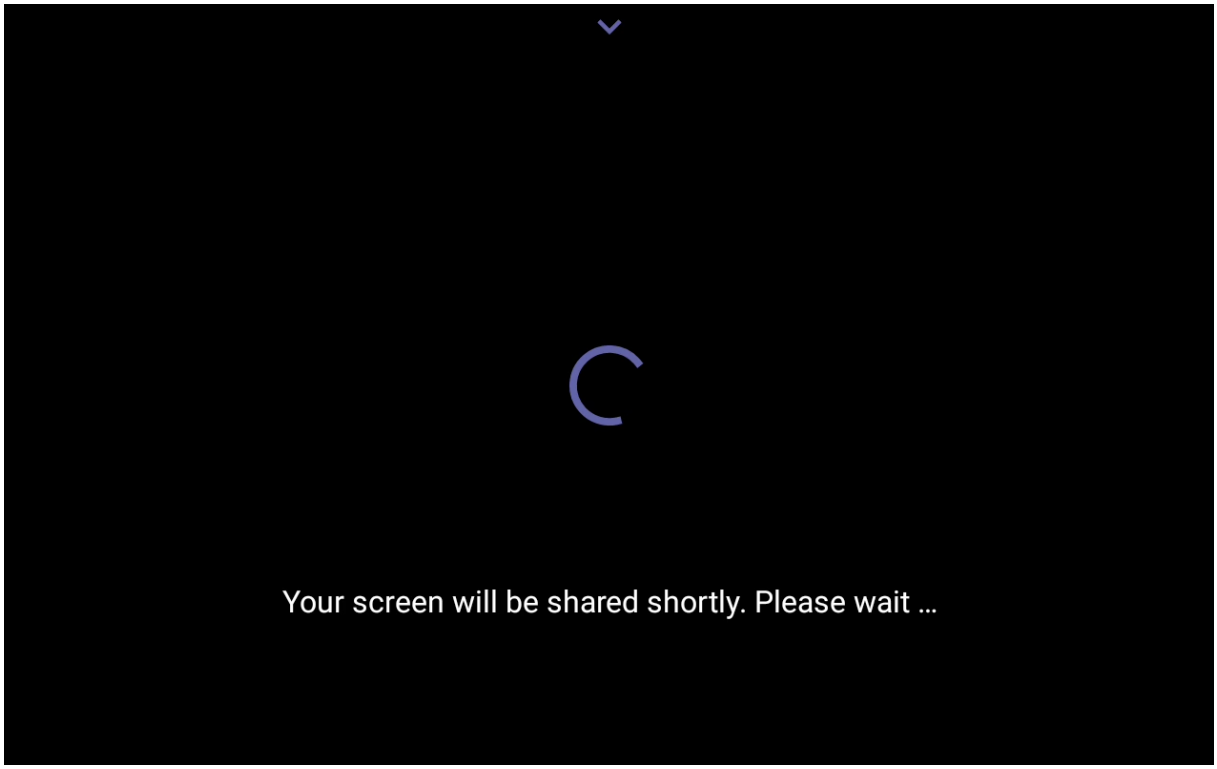
- **New Microsoft apps:**
  - Microsoft Teams app MTRA 2.2.0 (2024042606). For more information, click here.
  - Admin Agent 703
  - Microsoft Intune Company Portal 5.0.6152 (same as previous release)

  New support has been added for **HDMI Out CEC (Consumer Electronics Control) One-Touch-Play when two TV screens are connected to RXV200**.

New capability has been added for admin to **enable or disable HDMI Out CEC One-Touch-Play via Device Settings** (by default, enabled).



When sharing content via RX-PAD HDMI In, if there's a delay (typically when connecting for the first time following several hours of inactivity), a new notification is displayed informing the user that the **screen will be shared shortly**. In the next release, this process is handled in the background immediately after RX-PAD pairs with the MTRA.



3.9.2 Resolved Limitations in Version 2.4.121

3.9.2.1 Device

Table 3-41: Resolved Device Limitations

Incident	Description
IPPAN-12471	[RXV200] Some TV screens - connected to RXV200 HDMI Out - flash if the screen is reconnected while RXV200 is already booted up.
IPPAN-12833	Occasionally, screen sharing does not function when connecting a PC directly to RXV200. A reboot resolves this issue. We are working on a fix for the next release.
IPPAN-12975	[RXV200] Shutting down the TV screen (applies to some but not all TV screens) causes RXV200 to enter sleep mode without syncing RX-PAD (which has the human movement sensor), and then when the TV is turned on again or when someone enters the room, RXV200 does not turn on.
IPPAN-11824	The MTRA exhibits lower resolution video quality when participating in ZOOM meetings via Direct Join.
IPPAN-12786	[RXV81 as Ad-Hoc Peripheral/Full Peripheral] The 'Settings' icon of RX-PAD is displayed incompletely but can be used.
IPPAN-13147	Rebooting the device immediately (no more than 30 seconds) after a firmware upgrade, might result in a bad boot (recovery mode).
IPPAN-13117 IPPAN-13128	On rare occasions, connecting | reconnecting a PC via the RX-PAD HDMI In port might lead to a Kernel crash and to rebooting the MTRA device (RXV81 | RXV200).
IPPAN-12794	[RXV200] On rare occasions, the RXV200 HDMI ports freeze during idle, requiring rebooting the device.
IPPAN-13162	[RXV200] For some TV screens, shutting down one TV might cause the other TV to go off due to a problem with the CEC One-Touch Play mechanism.
IPPAN-12906	[RXV200] Connecting a PC indirectly to RXV200 HDMI In (via HDMI switcher) results in no audio heard locally and remotely.
IPPAN-12926	[RXV200] It takes excessive time (several seconds) to stop content sharing after disconnecting the HDMI In cable from RXV200.
IPPAN-13202	[RXV200] HDMI In via RX-PAD does not work when using two TV screens.
IPPAN-13181	[RXV200] On rare occasions, when two TV screens are connected to RXV200 HDMI Out, turning off one of the screens results in RXV200 rebooting.
IPPAN-13180	[RXV200] Sharing content via RXV200 HDMI In might not function if there was content sharing via RX-PAD before this action.
IPPAN-13187	[MTRA + RX-PAD] Volume mismatch between 'Device Settings > Sound' and the Teams app setting 'Audio Volume'.
IPPAN-13069	[RX-PAD + RXV200] An unnecessary user named 'R' appears on the screen after unplugging the PC from RX-PAD HDMI In.
IPPAN-13002	[RXV81 + RX-PAD] When using RX-PAD HDMI In for screen sharing, some performance issues occur manifesting in a slow/sluggish screen share.
IPPAN-12790	[RX-PAD] Sometimes, the device is set to power saving mode during work hours.

3.9.2.2 Teams Application

Table 3-42: Resolved Teams Limitations

Incident	Description
IPPAN-12541	Inviting a PSTN number during a Teams meeting via the RX-PAD console might cause a 'Teams keeps stopping' message. This issue is already solved and is part of the next Teams app version 2.2.0.

3.9.3 Known Limitations in Version 2.4.121

3.9.3.1 Device

Table 3-43: Known Device Limitations in Version 2.4.121

Incident	Description
IPPAN-9492	[RXV200] When both HDMI Out ports are connected, the touch screen functions only on the TV connected to HDMI2.
IPPAN-11662	[RXV200] If the TV screen that is connected to the HDMI 1 port is linked to the RXV200 *after* the device has booted, a flickering display occurs when accessing the Camera Settings page. For optimal performance, make sure the TV screen connected to the HDMI 1 port is linked to the RXV200 *before* booting up the device.
IPPAN-12795	HDMI Out cannot be used to play audio. Audio must be played via the USB speakers.

3.9.3.2 Teams Application

Here are the known Teams application limitations in Version 2.4.121.

Table 3-44: Known Teams Application Limitations in Version 2.4.121

Incident	Description
IPPAN-5082	When using right-to-left languages (Hebrew, for example), the soft dial pad and displayed dial string are reverted.
-	In some cases, signing in as user B after the device was used by user A does not proceed flawlessly. Restore to default is consequently recommended after signing out.
IPPAN-10643	[RX-PAD] There's a delay on RX-PAD when you answer a call. It's immediately displayed on the monitor but on RX-PAD the answering and call menus are still displayed after two to four seconds.
IPPAN-12728	On some occasions, connecting two TV screens to RXV200 resulted in the Teams app getting stuck on 'Verifying a few things...' when first signing in. To work around this limitation, a single TV screen can be used during the sign-in.
IPPAN-12738	On rare occasions, the same screen displayed on HDMI1 and HDMI2 results in no secondary screen.

3.10 Version 2.4.55

3.10.1 What's New

- Version 2.4.55 of RXV81 (bundled with RX-PAD) and RXV200 (bundled with RX-PAD) includes Microsoft Teams app 2.1.2 version 2024032804. For a list of new features / resolved limitations in the app, go here.
- Version 2.4.55 of RX-PANEL includes Microsoft Teams app 2024010401 (U3A1). For a list of new features / resolved limitations in the app, go here.
- To update to version 2.4.55, RXV81 must have version 1.18.361 or later. Devices with versions older than 1.18.361 can use 1.19.341 as an intermediate version and then proceed to 2.4.55.

- MTRA = Microsoft Teams Room on Android
- MTRA in this document refers to both RXV81 and RXV200

- **New Microsoft apps:**

  Microsoft Teams app MTRA 2.1.2 (2024032804). For more information, see here.

  RX-PANEL Teams app U3A1 2024010401. For more information, see here.

  Admin Agent 703

  - Microsoft Intune Company Portal 5.0.5484 (same as previous release)

RXV81 | RXV200 introduce a new capability allowing users to share their PC screen via the RX-PAD HDMI In port.
Cableless approach between RX-PAD Room Controller and MTR; instead, a short HDMI cable connects the PC/laptop to the RX-PAD HDMI port.
For the RXV81, this feature extends HDMI In functionality.
For the RXV200, the feature offers added flexibility by enabling the use of a shorter HDMI cable connected to the center of the meeting room desk, in contrast to a longer (more expensive) cable connected to the RXV200 positioned in the front of the room.

- Teams Meeting Mode: When the MTR is in a meeting, the presenter can use the Teams app 'Share' key to share their PC screen (when their PC is connected to RX-PAD's HDMI In port) with in-person attendees who are physically present in the same meeting room, as well as with remote attendees. [Audio sharing is currently unsupported].
- Standby Mode: When the MTR is not in a meeting, the presenter can use the Teams app 'Share' key to share their PC screen (when their PC is connected to RX-PAD's HDMI In port) only with in-person attendees who are physically present in the same meeting room.

- New support has been added for an **RXV200 HDMI Out CEC (Consumer Electronics Control) One-Touch-Play** command. One-Touch-Play command is triggered by the RX-PAD human sensor that turns on/off the TV screen.
  When RX-PAD (which is pre-set to 'Screen timeout') enters sleep mode, it automatically triggers the RXV200 to enter sleep mode as well, activating the CEC One-Touch-Play command to turn the TV off. Similarly, when the RX-PAD human sensor wakes up RX-PAD, the RXV200 wakes up as well, and turns on the TV.

> RXV81 does not support One-Touch-Play CEC and sleep mode.

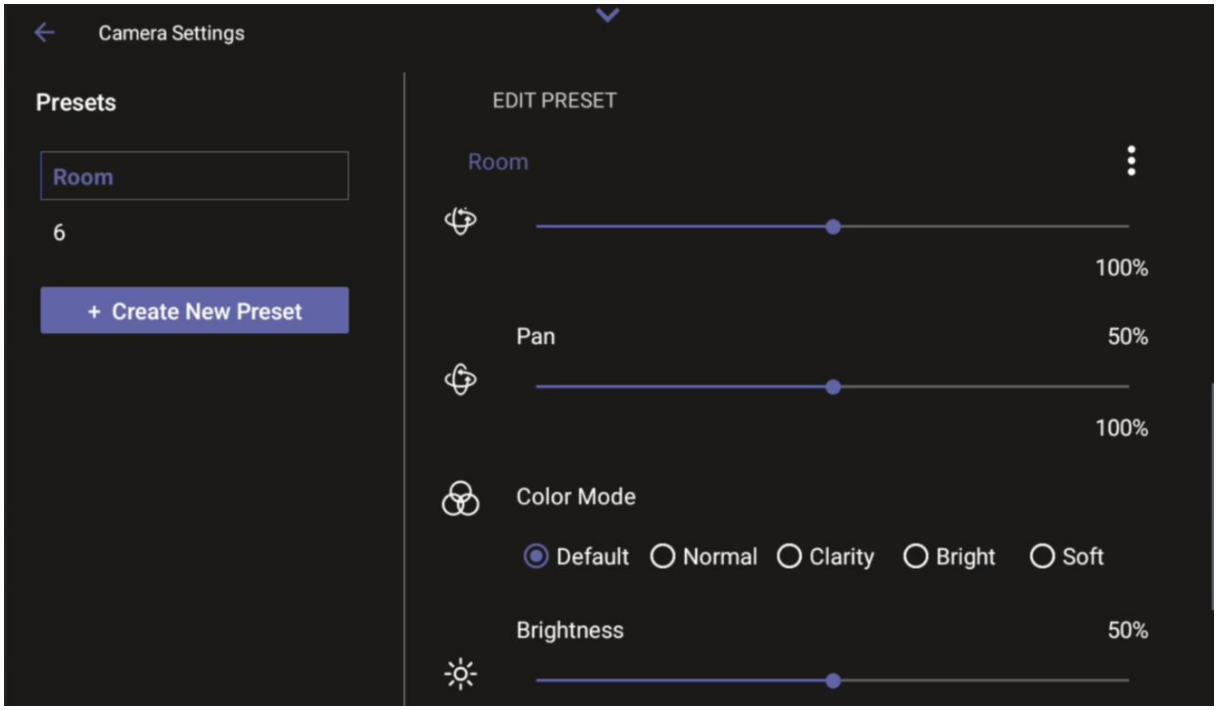
See also here for more information.

A new bundle configuration is now supported for RXV81 + AudioCodes RX15 Speaker + RX-PAD. The name of the new bundle is **TEAMS-RXV81-B15**. Admin can configure the new bundle in the UI.

RXV200 now supports a single display irrespective of whether it's connected to HDMI1 or HDMI2.

- When RXV200 boots up, if a single TV screen is connected to RXV200, it can be connected to either HDMI1 or to HDMI2. This TV screen functions as the primary screen irrespective of whether it is connected to HDMI1 or HDMI2.
- If after that another TV screen is connected to the available HDMI port on RXV200, this TV screen becomes the secondary screen.
- If two TV screens are connected to RXV200 prior to boot up, the TV screen connected to HDMI1 is used as the primary screen while the other TV screen is used as the secondary screen.

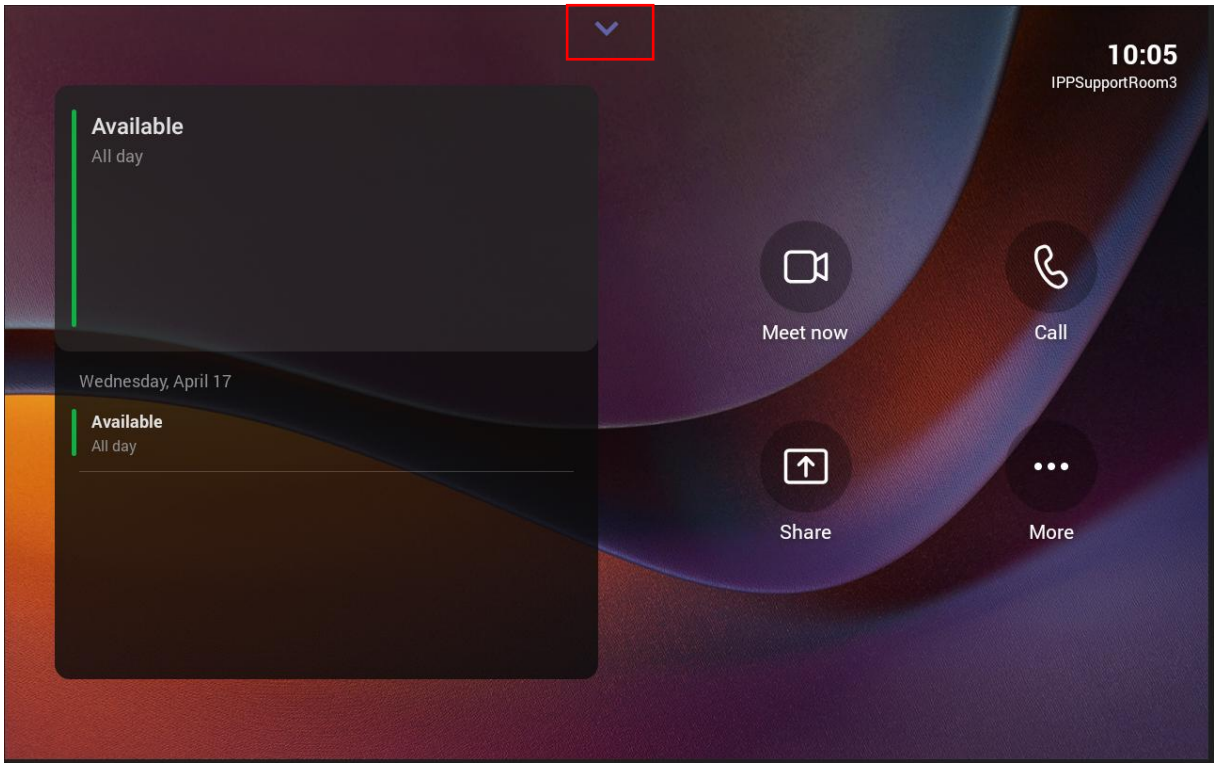
New Color Mode presets were added to RXVCAM50M/L when the camera is connected to RXV200. The modes can be configured from RX-PAD. The feature enables users to configure a Color Mode: Default, Normal, Clarity, Bright and Soft.



Each Color Mode incorporates the following attributes:

- **Default**: Brightness - 50, Contrast - 50, Saturation - 70
- **Normal**: Brightness - 50, Contrast - 50, Saturation - 70
- **Clarity**: Brightness - 60, Contrast - 50, Saturation - 60
- **Bright**: Brightness - 50, Contrast - 50, Saturation - 70
- **Soft**: Brightness - 50, Contrast - 50, Saturation - 60

A **drop-down menu** has been added to the home page of the RX-PAD Meeting Room Controller **to make it easy to open the RX-PAD application launcher**.



The new launcher enables accessing an app *with a single click*.

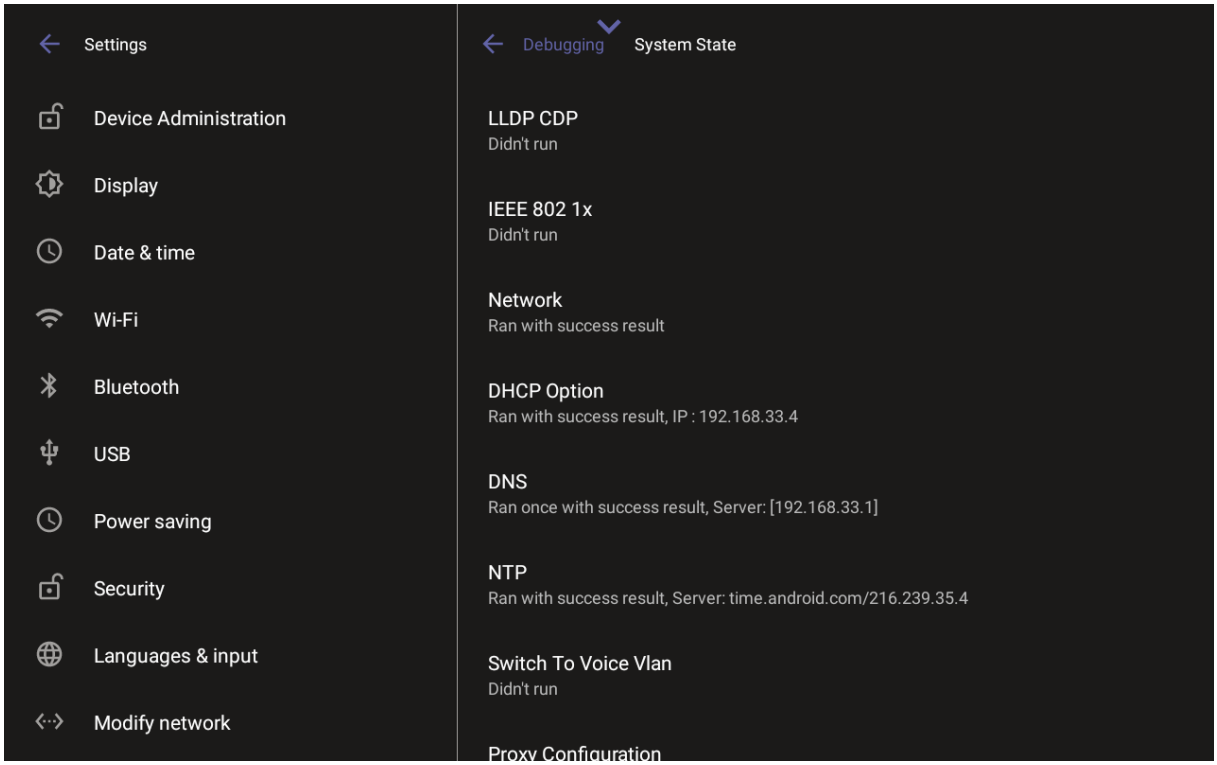
The density of the RX-PAD UI and the RX-PANEL UI has been fine-tuned; it was increased in order to improve (ease) the key pressing functionality.

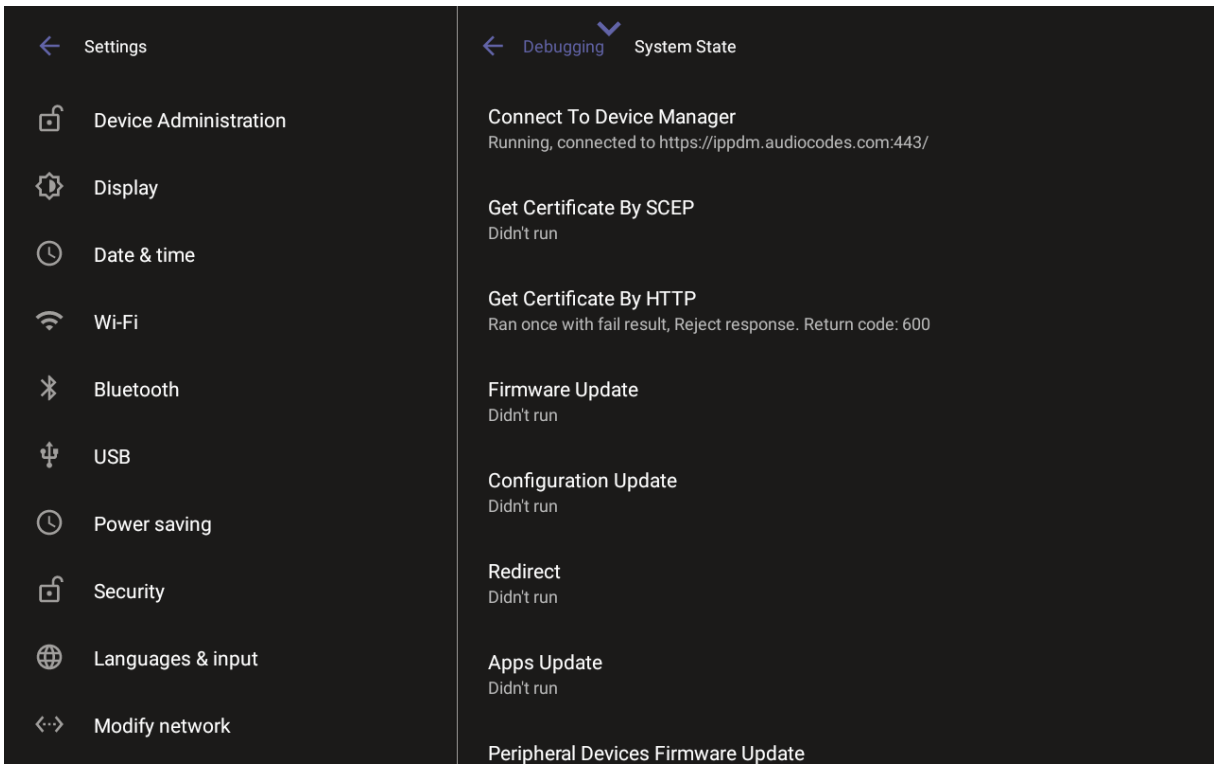
- The **RXV200 4K boot-up logo** has been updated.

- **Improved out-of-the-box troubleshooting**. **Admins can now monitor the status of the various software modules of the device**. If initial provisioning is unsuccessful or if admin encounters an issue related to the network / connection to Device Manager, the feature gives admin an indication as to why.

  The feature enables debugging via the device's screen without requiring external systems. Admin can check connectivity independently of external apps. The figure below shows the new System State screen that has been added (**Settings** > **Debugging** > **System State**).

The following figures show the System State pages.





USB Log Export in Recovery Mode. This version introduces a new feature that empowers users to seamlessly save logs while their device is in recovery mode. In Android recovery mode, the system automatically mounts a partition, enabling users to connect a USB stick. By simply clicking the 'Export logs to USB disk' option, all logs are efficiently copied to the USB stick, providing a convenient and reliable method for log management during recovery procedures.

- **A timeout has been added to the Admin login**. The timeout's value can be configured using a newly added cfg configuration file parameter:
- settings/admin_logout_timeout,values=3
- Default value: 3 (minutes)
- Valid values: 1-10 (minutes)
- Timing begins when exiting the 'Device Settings' menu. When the timeout expires, the device logs out automatically.
- The functionality works for both registered and unregistered devices.

3.10.2 Resolved Limitations in Version 2.4.55

3.10.2.1 Device

Table 3-45: Resolved Device Limitations

Incident	Description
IPPAN-12678	[RXV81] On some occasions, background noise in the vicinity of the device might be heard too audibly by the remote party.
IPPAN-11593	[RX-PANEL+RXV81+RXV200+RX-PAD] Under certain circumstances, the device stops sending keep-alive messages to Device Manager if Device Manager does not reply.
IPPAN-12558	[RXV200/RXV81] [RX-PAD] Audio pairing is lost after switching users.
IPPAN-12076	[RXV200] When navigating to the Network Details page, the connected Wi-Fi SSID cannot be seen.
IPPAN-12327	[RXV200] Connecting a USB 2.0 cable for a touch screen provides an ETH connection to the RXV200; it should not.
IPPAN-8725	The meeting room cannot play audio after a prolonged conference.
IPPAN-12178	The RX-PAD console is unable to perform a user data reset to the RXV81 | RXV200.
IPPAN-11852 IPPAN-12082	[RXV200 | RXV81] There is no video input and no two-way audio when joining a Cisco Webex meeting.
IPPAN-12041	[RXV200] RXVCam10 is shown in Device Manager as 'Camera' type instead of 'Content Camera' type.
IPPAN-11976	[RX-PANEL+RXV81+RX-PAD] After upgrading to new firmware, the device cannot reconnect to the same 802.1x network as before.
IPPAN-11672	[RXV81] [Ad hoc / Full Peripheral mode] When long-pressing the volume button, the volume responds slowly.
IPPAN-11997	On rare occasions, a notification 'RX-PAD Room Controller is not connected' is displayed even though RX-PAD is paired with RXV81 | RXV200.
IPPAN-12350	[RXV200] On some occasions, video freezes / lags occur in an incoming direction to the RXV200. This is due to packet loss handled incorrectly..
IPPAN-10372	[RXV200] [Accessibility] Color correction mode does not change on the screen.
IPPAN-11242	[RXV81/RXV200] The Wi-Fi strength icon is not clear against the dark background.
IPPAN-11855	[RX-PAD] [HDMI In] Disconnecting and reconnecting RX-PAD's HDMI In might lead to malfunction.

Incident	Description
IPPAN-11853	[RX-PAD] [HDMI In] When a PC is connected to RX-PAD's HDMI In for screen sharing, reconnecting the RXV200 | RXV81 HDMI Out might result in an 'Error Fail to connect' message on the TV screen.
IPPAN-11773	[Wi-Fi with 802.1x] 802.1x cannot be used when using the device's Wi-Fi.
IPPAN-12745	A USB device with a friendly name that includes special characters (/) might not be recognized.

3.10.2.2 Teams Application

Table 3-46: Resolved Teams Limitations

Incident	Description
-	-

3.10.3 Known Limitations in Version 2.4.55

3.10.3.1 Device

Table 3-47: Known Device Limitations in Version 2.4.55

Incident	Description
IPPAN-9492	[RXV200] When both HDMI Out ports are connected, the touch screen functions only on the TV connected to HDMI2.
IPPAN-11824	The MTRA exhibits lower resolution video quality when participating in ZOOM meetings via Direct Join.
IPPAN-11662	[RXV200] If the TV screen that is connected to the HDMI 1 port is linked to the RXV200 *after* the device has booted, a flickering display occurs when accessing the Camera Settings page. For optimal performance, make sure the TV screen connected to the HDMI 1 port is linked to the RXV200 *before* booting up the device.
IPPAN-12795	HDMI Out cannot be used to play audio. Audio must be played via the USB speakers.
IPPAN-12786	[RXV81 as ad-hoc peripheral/full peripheral] The Settings icon of RX-PAD is displayed incompletely but can be used.
IPPAN-12738	On rare occasions, the same screen displayed on HDMI1 and HDMI2 results in no secondary screen.
IPPAN-12471	[RXV200] Some old TV screens might cause flashing on and off in the main screen.
IPPAN-12833	Occasionally, screen sharing does not function when connecting a PC directly to the RXV200. A reboot resolves this issue. We are working on a fix for the next release.
IPPAN-12975	Occasionally, the TV connected to the RXV200 may flash if it is turned on while the RXV200 is already running. Rebooting the RXV200 resolves this issue. We are working on a fix for the next release.

3.10.3.2 Teams Application

Here are the known Teams application limitations in Version 2.4.55.

Table 3-48: Known Teams Application Limitations in Version 2.4.55

Incident	Description
IPPAN-5082	When using right-to-left languages (Hebrew, for example), the soft dial pad and displayed dial string are reverted.
-	In some cases, signing in as user B after the device was used by user A does not proceed flawlessly. Restore to default is consequently recommended after signing out.
IPPAN-10643	[RX-PAD] There's a delay on RX-PAD when you answer a call. It's immediately displayed on the monitor but on RX-PAD the answering and call menus are still displayed after two to four seconds.
IPPAN-12728	On some occasions, connecting two TV screens to RXV200 resulted in the Teams app getting stuck on 'Verifying a few things...' when first signing in. To work around this limitation, a single TV screen can be used during the sign-in.
IPPAN-12541	Inviting a PSTN number during a Teams meeting via the RX-PAD console might cause a 'Teams keeps stopping' message. This issue is already solved and is part of the next Teams app version 2.2.0.

3.11 Version 2.2.808

3.11.1 What's New

- Version 2.2.808 of RXV81 (bundled with RX-PAD) and RXV200 (bundled with RX-PAD) includes Microsoft Teams app (U2) version 2023062301. For a list of new features / resolved limitations in the app, go here.
- Version 2.2.808 of RX-PANEL includes Microsoft Teams app 2023111003 (U3A). For a list of new features / resolved limitations in the app, go here.
- To update to version 2.0.369 and later (2.2.x for example), the RXV81 must have version 1.18.361 or later. Devices with older versions can use 1.19.341 as an intermediate version and then proceed to 2.0.369 or later.

- MTRA = Microsoft Teams Room on Android
- MTRA in this document refers to both RXV81 and RXV200

- **New Microsoft apps:**
  - RX-PANEL Teams app was updated to 2023111003 (U3A). For more information, see here.
  - All devices were updated to Microsoft Admin Agent app 503. This app includes bug fixes.
- **4K HDMI Out support has been added to RXV200**

  RXV200 now features 4K HDMI Out support enabling users to seamlessly connect and display ultra-high-definition visuals in compatible external displays during Teams meetings, thereby ensuring a visually immersive and crystal-clear collaboration experience. Whether you're presenting a slideshow, streaming content, or simply extending your display, the addition of 4K HDMI Out enhances the overall viewing experience.
- **RXV81 and RXV200 MTRAs feature audio (Media & notifications) triggered by RX-PAD**

RXV81 and RXV200 MTRAs now support audio notifications triggered by RX-PAD. Users now hear notifications produced by RX-PAD console directly through the MTRA. This enhancement includes crucial features such as Talkback accessibility, ensuring a more streamlined and accessible communication experience during meetings and collaboration sessions. The enhancement leverages Front of Room devices (RXV81 | RXV200) to serve as the audio source for RX-PAD, enabling the utilization of accessibility features on RX-PAD.

- **Enhanced Auto Framing Feature on RXV81**

  RXV81's Auto Framing feature has been enhanced to ensure a more refined and user-friendly experience, making user interactions with the device even smoother.

- **Chrome WebView was updated to version 119.0.6045.53**

  To protect against security vulnerability, Chrome WebView was updated to version 119.0.6045.53. More info can be found here.

- **Improved firmware update process for RXV81 audio and camera peripherals**

  This version introduces a safer and more streamlined process for updating RXV81 audio and camera peripherals. Unlike previous versions in which peripherals were updated separately after the RXV81 firmware update, the new approach integrates the audio and camera peripheral updates directly within the RXV81 firmware update process. This enhancement ensures a safer overall update experience for the RXV81 device, prioritizing device integrity.

  Over-the-air (OTA) firmware updates now include 'Pre | Post Firmware Burn' scripts to check before audio / video (A/V) is updated. After an OTA update is downloaded but before it is burned, a PreFirmwareBurn script is executed. After the firmware is burned, a PostFirmwareBurn script is executed. Here's the user experience:

1. View 'Device is updating...'
2. View the notification 'AudioCodes RXV81 Camera is being updated, do not reboot the device'.
3. Click **OK**; view the following:
4. After the camera update, view the notification 'AudioCodes RXV81 Audio is being updated, do not reboot the device'.
5. Click **OK**; view the following:
6. After the audio update, view a 'Restarting... notification. '

3.11.2 Resolved Limitations in Version 2.2.808

3.11.2.1 Device

Table 3-49: Resolved Device Limitations

Incident	Description
IPPAN-10883	[RXV200 HDMI In] In HDMI In mode, the PC audio device is shown as Yamaha CS-800 (RXV200 chip vendor).
IPPAN-10873	[RXV81 + RCU] On certain occasions, a 'Remote Control is not connected' popup is erroneously displayed, though the RCU functions well.
IPPAN-10659	[RXV81 ad hoc peripherals] At times during conversations, RXV81 audio may experience occasional instability, leading to brief interruptions in voice communication with remote parties
IPPAN-10853	[RXV200] If RXVCam50 is connected while RXV200 is already turned on, the Auto Framing option might not function.
IPPAN-10371	[RX-PAD] The camera doesn't resume the previous PTZ setting after enabling and disabling Auto-Framing from RX-PAD.

Incident	Description
IPPAN-10679	When updating the device from Microsoft TAC, there is no download progress bar pop-up indication; the indication is presented when the device update starts.
IPPAN-10372	[RXV200] [Accessibility] Color correction mode does not affect the colors displayed in the screen.
IPPAN-11322	[RXV200] The RXVCam50 default saturation value is wrong (too low).
IPPAN-11555	[RXV81] [Ad-hoc peripheral] Remote Controller home screen image is not accurate.
IPPAN-11611	[RXV81] [Ad-hoc peripheral] If 'Answer call' is pressed twice, the call is ended by mistake.
IPPAN-10549	[RXV81] [Ad hoc peripheral] On certain occasions, a single press of the volume keys (+ or -) may result in the volume changing by more than one increment.
IPPAN-10871	[RXV81] [Ad hoc peripheral] Editing a temporary preset via the Camera Settings page is not possible.
IPPAN-10638	[RXV81] [Ad hoc peripheral] On certain occasions, pressing the mute key to mute or unmute results in the 'mute' function not responding.
IPPAN-11382	[RXV200] After shutting down RXV200 for several hours and then booting it, RX-PAD cannot pair with RXV200.
IPPAN-11355	On some occasions, RX-PAD cannot be updated via AudioCodes Device Manager, indicating 'Zip file could not be found'.
IPPAN-11404	On some occasions, when the device is located behind a Proxy, it cannot upgrade from Microsoft Teams admin center (TAC).
IPPAN-10823	[RX-PAD] Setting VLAN Discovery Mode to LLDP+CDP or Manual in the VLAN Settings page often results in a 'Settings isn't responding' message popping up.
IPPAN-11800	The Wi-Fi setting is sometimes automatically turned on.
IPPAN-10647	[RX-PAD | RX-PANEL] After setting Static IP and then powering off there's a probability of entering Android Recovery automatically.
IPPAN-10828	[RX-PANEL] On some occasions, RX-PANEL Settings crash when modifying VLAN settings.
IPPAN-11243	[RX-PAD] The Camera Settings page is cut off when font size is large or largest.
IPPAN-10960	[RXV200] The user can mute a call which is on hold.
IPPAN-10827	[RX-PAD] On rare occasions, the device gets stuck after the screensaver setting is changed from '30s' to 'Never' and then not using the device for a while.
IPPAN-11043	On some occasions, Microsoft Teams Cast feature does not function optimally, probably related to BLE signal strength.
IPPAN-10882	After creating a new view in RX-PAD Camera Settings, the new view is not synchronized with RXV81 | RXV200.
IPPAN-10184	[RXV200] On some occasions, the ring & notification volume are changed to 0 or to a random value when ending a call.
IPPAN-10523	[RX-PAD] [Camera Settings] Users can create presets during a Teams meeting without logging in as administrator.
IPPAN-10780	[RX-PAD] [Camera Settings] The focus goes to the (default) preset 'Room' even though the user scrolls to other presets.
IPPAN-10533	The user is unable to click the 'back' button in the Settings page after a sign-out action.

Incident	Description
IPPAN-10623	The user cannot access ‘Text-to-speech output’ options under Languages & Input.
IPPAN-11172	During 'reset configuration', the device wrongly pops up a 'No Internet' indication.
IPPAN-10602	Talkback voice is found to be inaudible even at maximum volume. The issue was solved with the new feature ‘RXV81 | RXV200 Introduces Audio Notifications for RX-PAD’ described here.
IPPAN-11391	The keyboard unnecessarily pops up when the user clicks Device Settings > Device Administrator > Logged-out user.
IPPAN-11289	[RXV200] Setting Static IP without ‘network prefix length’ causes the device to reboot & go into Recovery Mode.
IPPAN-9951	The Admin user is unable to perform ‘Factory reset’ after ‘User data reset’ when ‘Factory data reset’ is blocked in the Intune portal.

3.11.2.2 Teams Application

Table 3-50: Resolved Teams Limitations

Incident	Description
-	-

3.11.3 Known Limitations in Version 2.2.808

3.11.3.1 Device

Here are the known device limitations in Version 2.2.808.

Table 3-51: Known Device Limitations in Version 2.2.808

Incident	Description
IPPAN-9492	[RXV200] When both HDMI Out ports are connected, touching the screen doesn't function.
IPPAN-11855	[RX-PAD] [HDMI In] Disconnecting and reconnecting RX-PAD’s HDMI In might lead to malfunction.
IPPAN-11853	[RX-PAD] [HDMI In] When a PC is connected to RX-PAD’s HDMI In for screen sharing, reconnecting the RXV200 | RXV81 HDMI Out might result in an 'Error Fail to connect' message on the TV screen.
IPPAN-11824	The MTRA exhibits lower resolution video quality when participating in ZOOM meetings via Direct Join.
IPPAN-11773	[Wi-Fi with 802.1x] 802.1x cannot be used when using the device’s Wi-Fi.
IPPAN-11662	[RXV200] If the TV screen that is connected to the HDMI 1 port is linked to the RXV200 *after* the device has booted, a flickering display occurs when accessing the Camera Settings page. For optimal performance, make sure the TV screen connected to the HDMI 1 port is linked to the RXV200 *before* booting up the device.
IPPAN-11242	The Wi-Fi strength icon is not clearly visible against the black background.

3.11.3.2 Teams Application

Here are the known Teams application limitations in Version 2.2.808

Table 3-52: Known Teams Application Limitations in Version 2.2.808

Incident	Description
IPPAN-5082	When using right-to-left languages (Hebrew, for example), the soft dial pad and displayed dial string are reverted.
IPPAN-2510	An incorrect date format is displayed when the current language is Simple Chinese.
-	In some cases, signing in as user B after the device was used by user A does not proceed flawlessly. Restore to default is consequently recommended after signing out.
IPPAN-10817	[MTR on Android] There is no video in third-party Webex meetings.
IPPAN-10643	[RX-PAD] There's a delay on RX-PAD when you answer a call. It's immediately displayed on the monitor but on RX-PAD the answering and call menus are still displayed after two to four seconds.

3.12 Version 2.2.335

3.12.1 What's New

- Version 2.2.335 of RXV81 (bundled with RX-PAD) and RXV200 (bundled with RX-PAD) includes Microsoft Teams app (U2) version 2023062301. For a list of new features / resolved limitations in the app, go here.
- To update to version 2.0.369 and later (2.2.x for example), the RXV81 must have version 1.18.361 or later. Devices with older versions can use 1.19.341 as an intermediate version and then proceed to 2.0.369 or later.

- Version 2.2.235 includes only fixes (Resolved Limitations).
- Version 2.2.235 does not include new apps or new features.

- MTRA = Microsoft Teams Room on Android
- MTRA in this document refers to both RXV81 and RXV200

3.12.2 Resolved Limitations in Version 2.2.335

3.12.2.1 Device

Table 3-53: Resolved Device Limitations

Incident	Description
IPPAN-10916	[RXV81] On rare occasions, RXV81 SSH is inaccessible, and Teams might also get stuck.
IPPAN-10795	[RXV200] The RXVCam50 camera stops functioning after plugging in / unplugging several times and switching between USB ports of the USB cable.
IPPAN-11178	[RXV200/RXV81 with RX-PAD] The camera's Auto Framing feature does not turn off when building presets.

Incident	Description
IPPAN-10926	[RXV200] Flickering HDMI Out while HDMI In is connected on a CE65GA TV screen.
IPPAN-10967	[RXV200] The 'No Camera available, closing...' popup does not disappear after closing the Camera Settings from RX-PAD.

3.12.2.2 Teams Application

Table 3-54: Resolved Teams Limitations

Incident	Description
-	-

3.12.3 Known Limitations in Version 2.2.335

3.12.3.1 Teams Application

Here are the known Teams application limitations in Version 2.2.335

Table 3-55: Known Teams Application Limitations in Version 2.2.335

Incident	Description
IPPAN-5082	When using right-to-left languages (Hebrew, for example), the soft dial pad and displayed dial string are reverted.
IPPAN-2510	An incorrect date format is displayed when the current language is Simple Chinese.
-	In some cases, signing in as user B after the device was used by user A does not proceed flawlessly. Restore to default is consequently recommended after signing out.
IPPAN-10817	[MTR on Android] There is no video in third-party Webex meetings.
IPPAN-10643	[RX-PAD] There's a delay on RX-PAD when you answer a call. It's immediately displayed on the monitor but on RX-PAD the answering and call menus are still displayed after two to four seconds.

3.12.3.2 Device

Here are the known device limitations in Version 2.2.335.

Table 3-56: Known Device Limitations in Version 2.2.335

Incident	Description
IPPAN-10679	When updating the device from Microsoft TAC, there is no download progress bar pop-up indication; the indication is presented when the device update starts. The issue has been fixed and is set for the next version release.
IPPAN-10371	[RX-PAD] The camera doesn't resume the previous PTZ setting after enabling and disabling Auto-Framing from RX-PAD. The issue has been fixed and is set for the next version release.

Incident	Description
IPPAN-10853	[RXV200] If the RXVCam50 was connected while RXV200 was already turned on, the Auto Framing option might not function. The issue has been fixed and is set for the next version release.
IPPAN-9492	[RXV200] When both HDMI Out ports are connected, touching the screen doesn't function.
IPPAN-10549	[RXV81 ad hoc peripherals] On certain occasions, a single press of the volume keys (+ or -) may result in the volume changing by more than one increment. The issue has been fixed and is set for the next version release.
IPPAN-10638	[RXV81 ad hoc peripherals] On certain occasions, pressing the mute key to mute or unmute results in the 'mute' function not responding. The issue has been fixed and is set for the next version release.
IPPAN-10871	[RXV81 ad hoc peripherals] Editing a temporary preset via the Camera Settings page is not possible. The issue has been fixed and is set for the next version release.
IPPAN-10659	[RXV81 ad hoc peripherals] At times during conversations, RXV81 audio may experience occasional instability, leading to brief interruptions in voice communication with remote parties
IPPAN-10873	[RXV81 + RCU] On certain occasions, a 'Remote Control is not connected' popup is erroneously displayed, though the RCU functions well. The issue has been fixed and is set for the next version release.
IPPAN-10883	[RXV200 HDMI In] In HDMI In mode, the PC audio device is shown as Yamaha CS-800 (RXV200 chip vendor).
-	[RXV200 HDMI In] In HDMI In mode, the PC audio volume is not synchronized with the RXV200 audio peripheral device.

3.13 Version 2.2.311

3.13.1 What's New

- Version 2.2.311 of RXV81 (bundled with RX-PAD) and RXV200 (bundled with RX-PAD) includes Microsoft Teams app (U2) version 2023062301. For a list of new features / resolved limitations in the app, go here.
- Version 2.2.311 of RX-PANEL includes Microsoft Teams app U3. For a list of new features / resolved limitations in the app, go here.
- To update to version 2.0.369 and later (2.2.x for example), the RXV81 must have version 1.18.361 or later. Devices with older versions can use 1.19.341 as an intermediate version and then proceed to 2.0.369 or later.

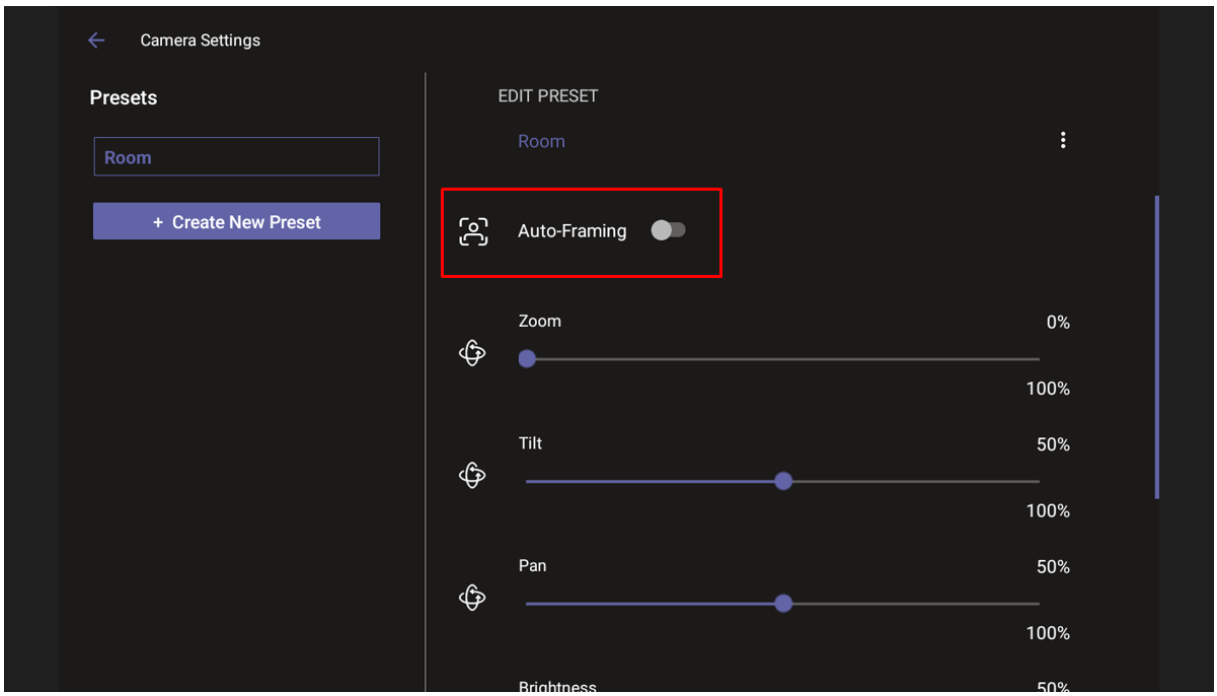
- **New Microsoft application versions:**
  - **[RXV81 bundled with RX-PAD | RXV200 bundled with RX-PAD]**
    - Microsoft Teams application **U2** version 2023062301. For the list of features/fixes added in this app, see here.
    - Microsoft Intune Company Portal 5.0.5484.0
    - Admin Agent app 486

- MTRA = Microsoft Teams Room on Android
- MTRA in this document refers to both RXV81 and RXV200

- **[RX-PANEL]**
  - Microsoft Teams application **U3**
  - Microsoft Intune Company Portal 5.0.5484.0
  - Admin Agent app 486
  - For more information, see here.

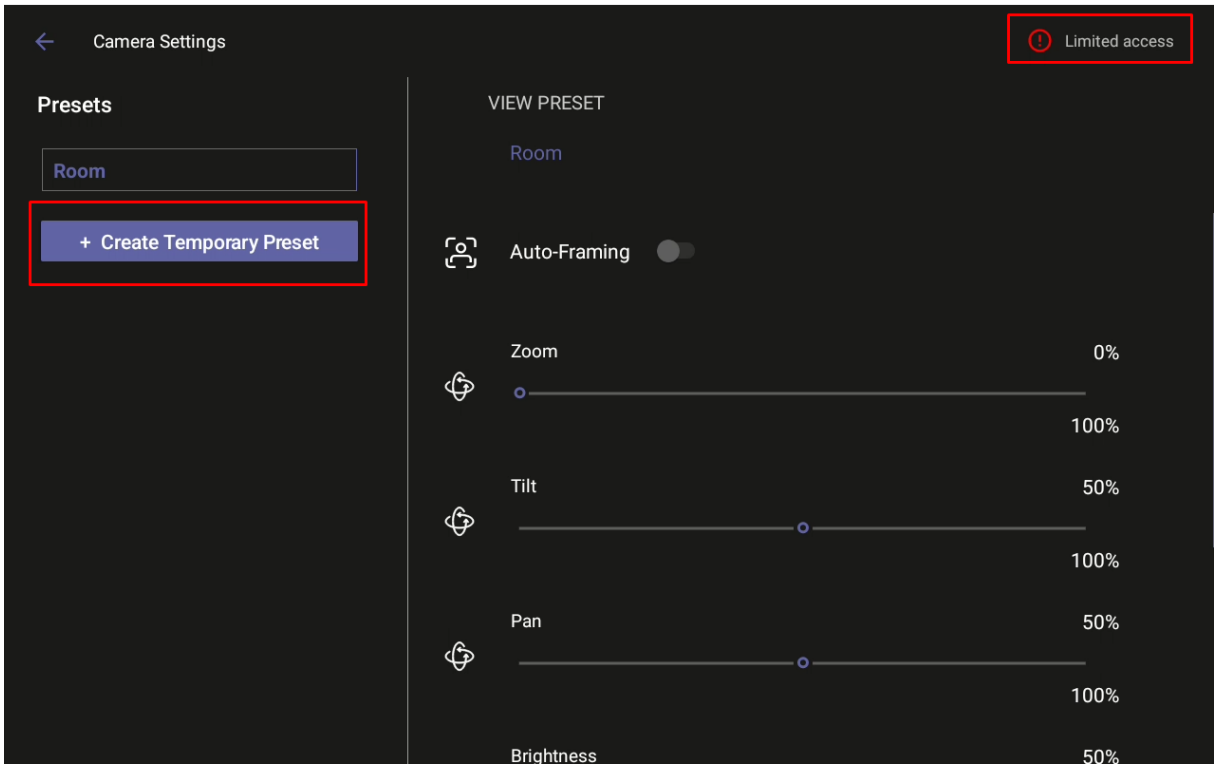
- **Auto Framing support has been added to RXV81.**
  - An Auto-Framing switch was added to Camera Settings.
  - In addition to RXV81, the feature is also available on RXVCam50M connected to RXV200.
  - To enable Auto-Framing on the MTRA device paired with RX-PAD, the camera hard key is used to access the Camera Settings page.
    For RXV81 paired with the Remote Controller unit (RCU), the Camera Settings page is accessed by long-pressing the RCU camera button.

- Administrators can create a permanent camera settings preset including enable / disable of Auto Framing.
- End users can either select a preconfigured preset which includes enable / disable of Auto Framing or create a temporary preset *during a meeting* (which is deleted at the end of the meeting) and can enable / disable Auto Framing.

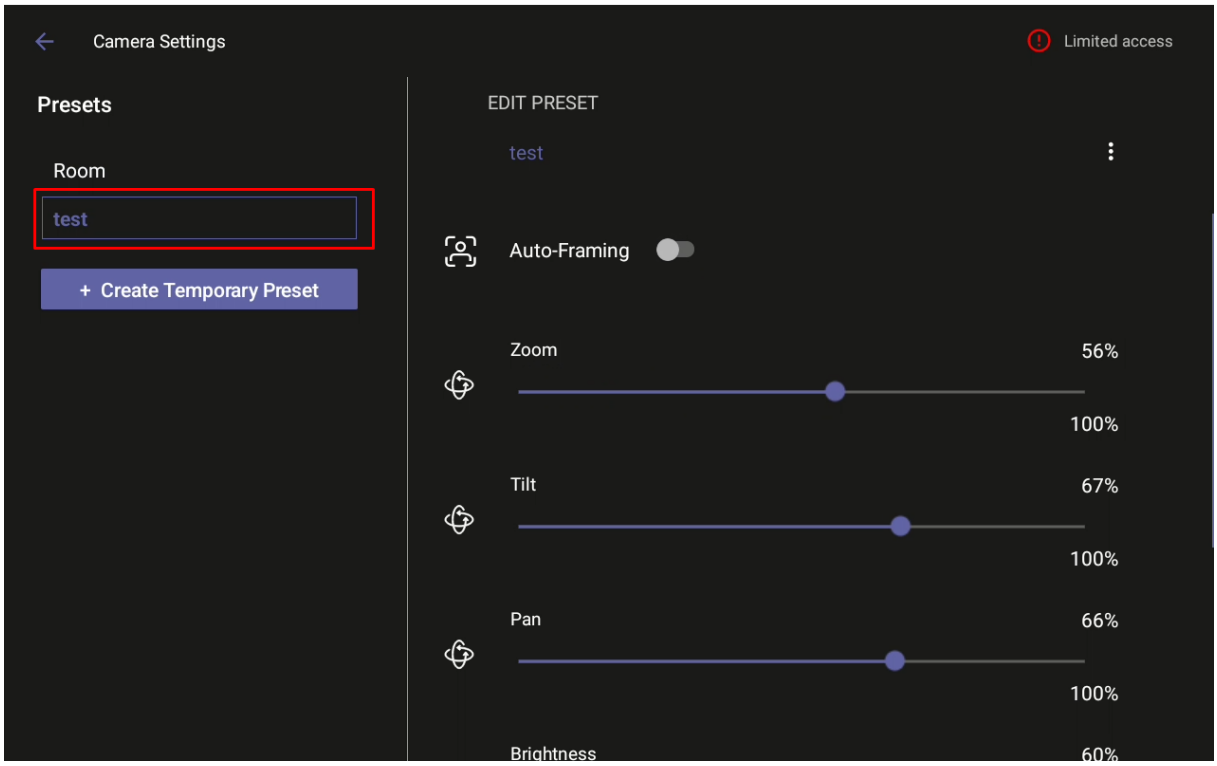


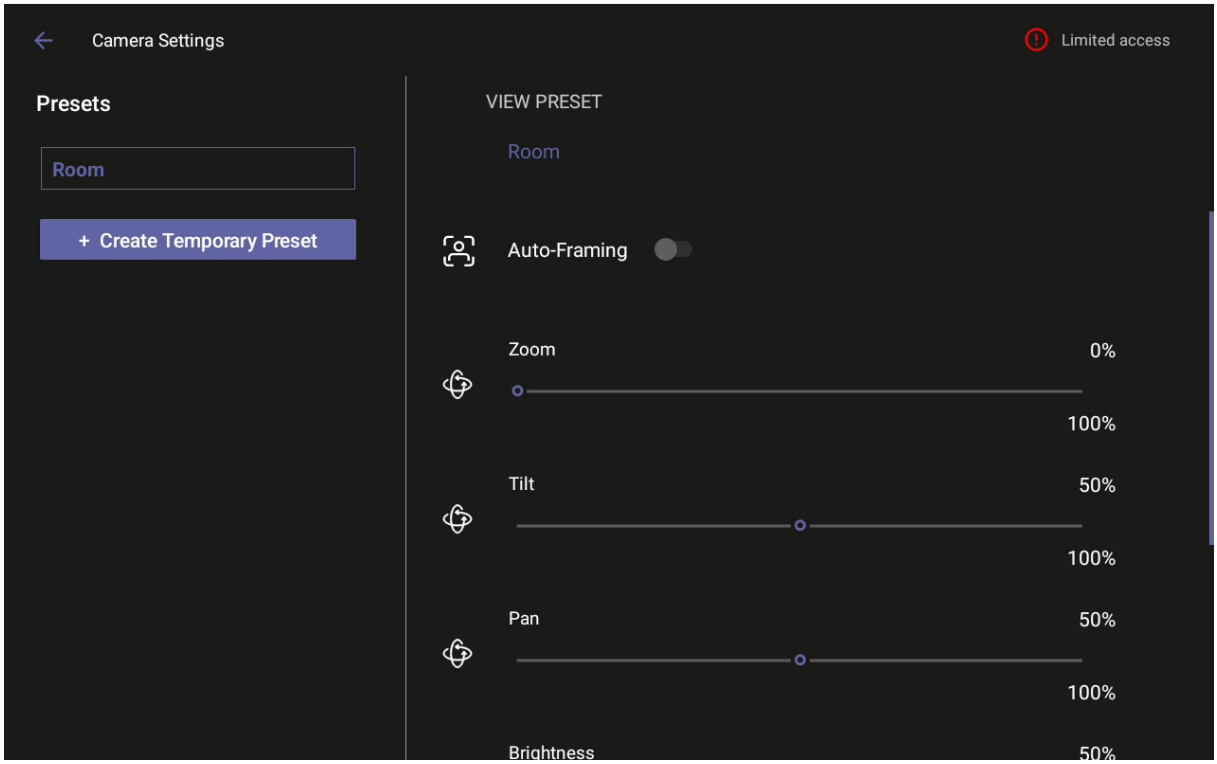
  - When Auto- Framing is enabled, PTZ (Pan Tilt Zoom) functions are disabled.

- **Camera Settings temporary presets for users without admin permissions**:
  - In the Camera Settings page, a user without administrator permissions can create temporary presets.

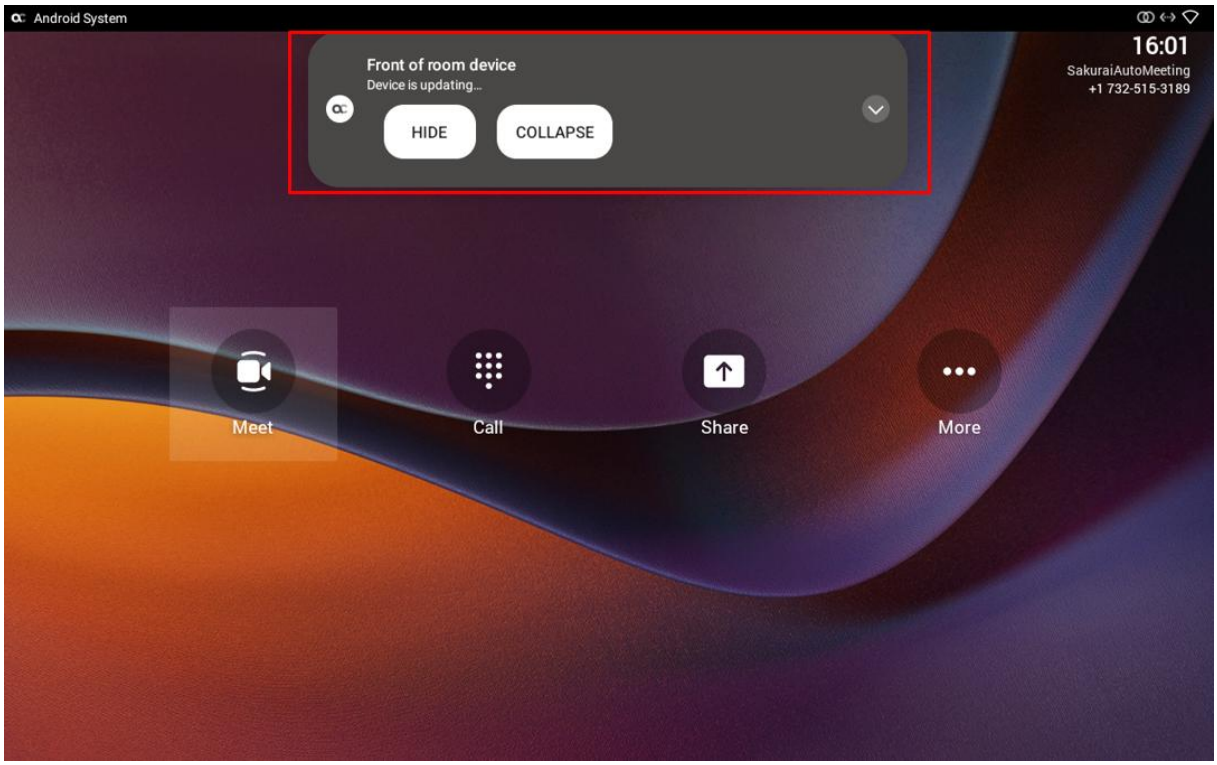


- If that user leaves the meeting, the temporary presets are erased when they later reenter Camera Settings (or another user later enters); temporary presets are only for that meeting they were configured for; new presets can be configured for the new meeting.

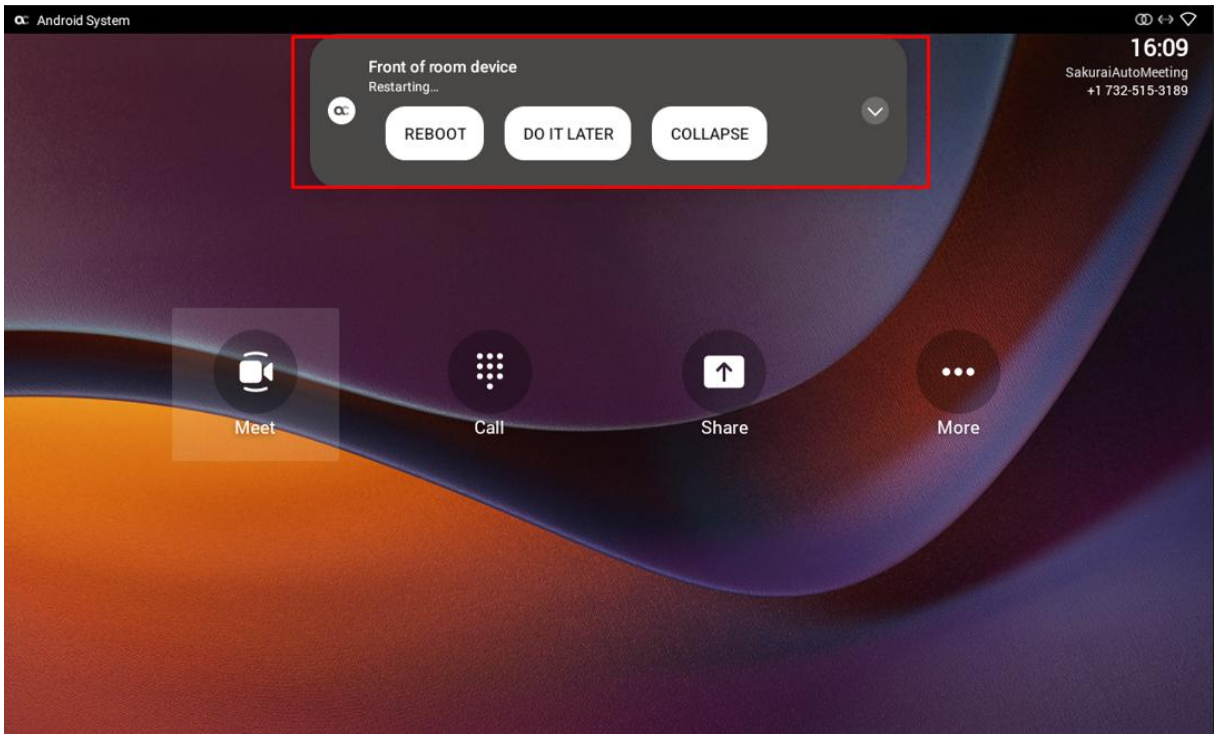




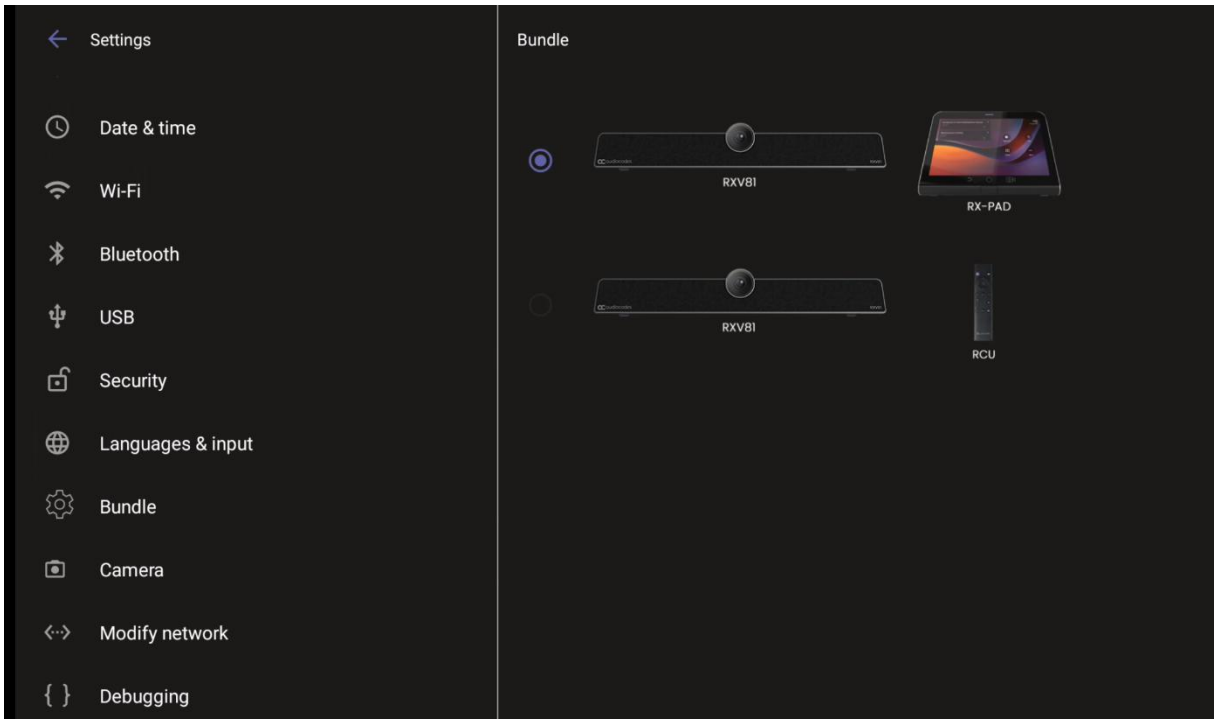
- **Enhanced message confirmation for MTRA devices**. Version 2.2.311 introduces enhancements improving user interaction. Pop-up messages displayed on the MTRA device are seamlessly mirrored in the bundled RX-PAD. When a message pops up in the MTRA GUI, the same is displayed in RX-PAD. The enhancement streamlines user experience, allowing users to conveniently confirm messages directly from RX-PAD and manage notifications intuitively and efficiently.
  - The figure below shows message **Device is updating…** on RX-PAD.

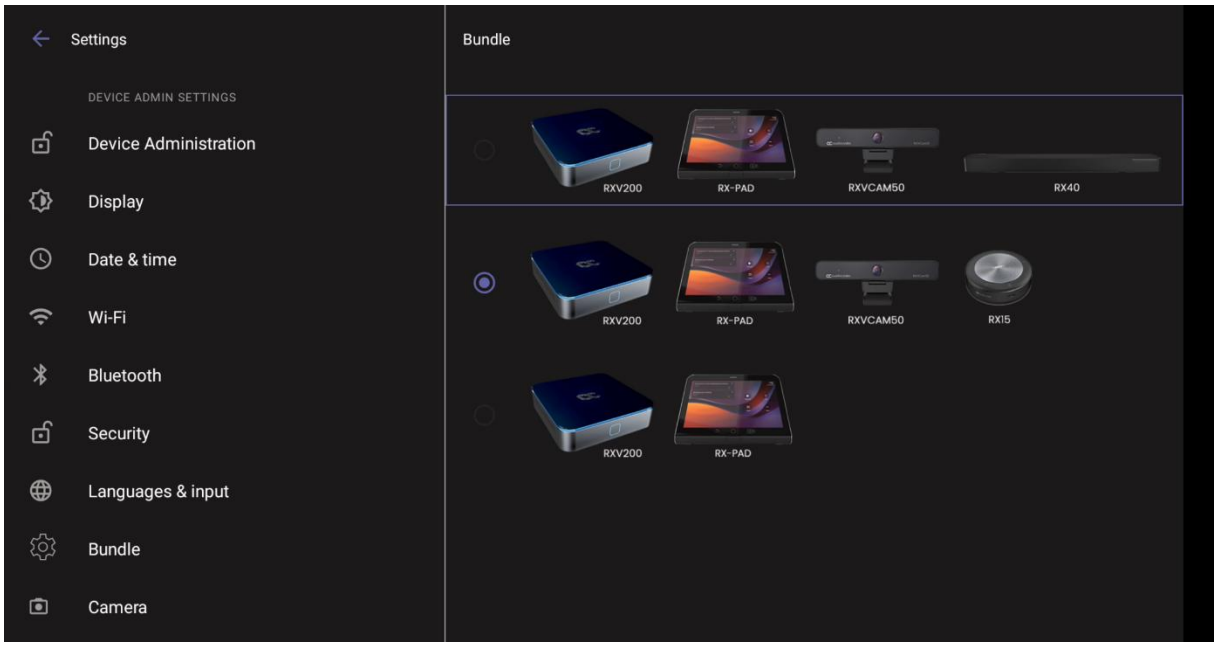


- If the alert is an action, you can perform the action using RX-PAD, for example, REBOOT / DO IT LATER / COLLAPSE, as shown in the figure below.

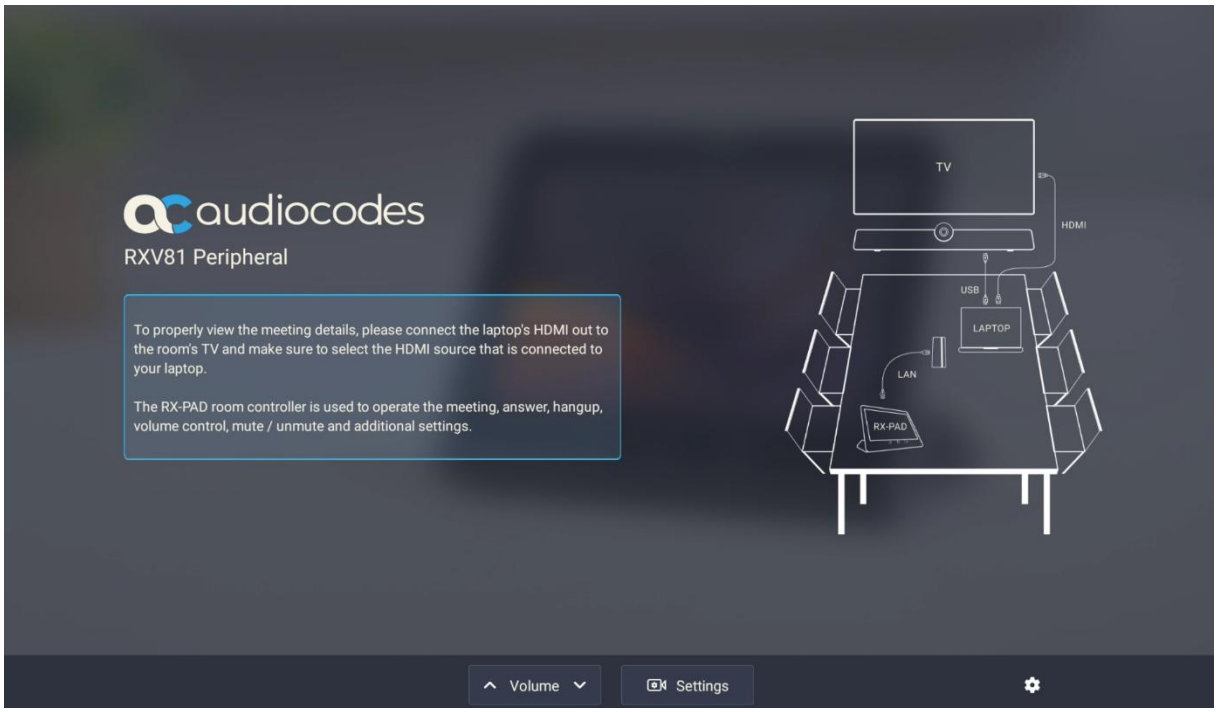


- **Admins can configure an MTRA bundle in the MTRA device's GUI. Admins can navigate to the setting using RX-PAD Keypad app that controls the MTRA**. Admins must be logged in in order to access the Bundle page. The figures below respectively show the RXV81 and RXV200 Bundle pages.

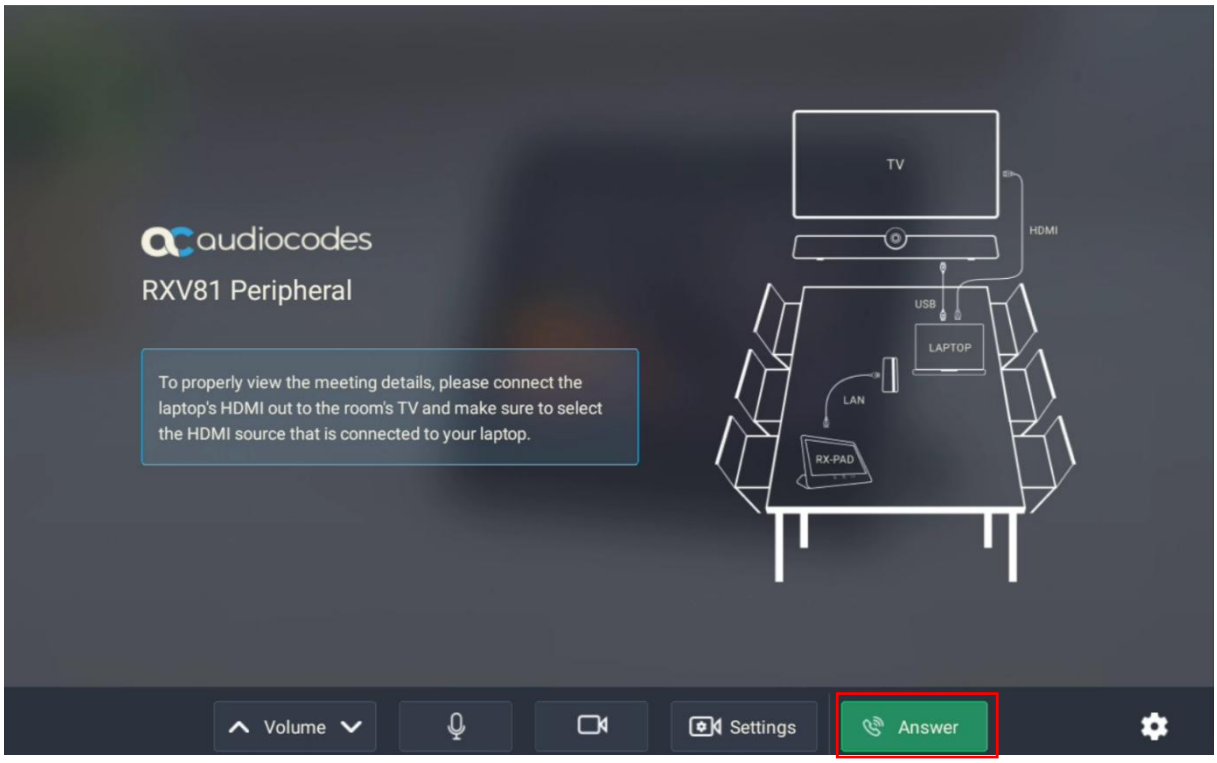




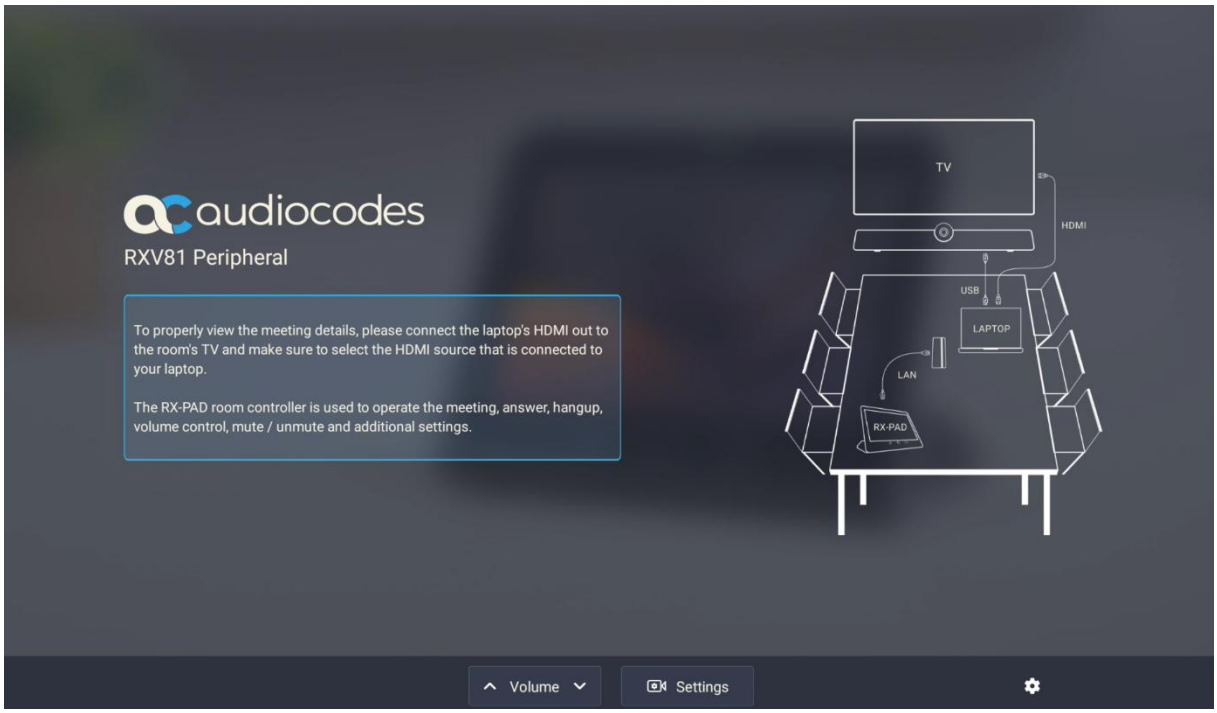
- **RXV81 and RX-PAD support ad hoc peripheral mode. In addition, substantial improvements were made to the user interface of RXV81 when it is bundled with the Remote Control Unit (RCU)**.
  - When RXV81 is connected via USB to a PC/laptop, it automatically moves to ad hoc peripheral mode and the following is displayed on RX-PAD:



When a call comes in, RX-PAD displays the incoming call's functions as follows:



RXV81 displays peripheral ad hoc mode as follows:



- **The RXV81 GUI displaying ad hoc peripheral mode for RXV81 bundled with the Remote Controller** unit (RCU) **has been improved**:

Ad hoc peripheral mode is a versatile feature designed to enhance RXV81 functionality. The mode enables seamless integration of RXV81 with a PC/laptop by utilizing RXV81's audio and camera capabilities as primary audio and camera sources for the PC/laptop.

- A new option was added to the **RXV200 for audio content to be shared when connecting a PC/laptop to the HDMI In of the RXV200**.
- Version 2.2.311 of RXV200 includes a firmware update for older firmware on RXVCam50 and RX15 connected to it as peripheral devices. The peripheral firmware updates are automatically implemented when these peripherals are connected and detected as older than the existing firmware.
- An enhanced bug report is now available for more efficient debugging. More information such as pack up time, ps, top, meminfo and df commands (information about file system disk space usage) have been added to the report.

3.13.2 Resolved Limitations in Version 2.2.311

- Applies only to RXV81 and RX-PAD which were released before version 2.2.311.
- Not applicable to RXV200, RX-PAD and RX-PANEL as this is their first version release.

3.13.2.1 Device

Table 3-57: Resolved Device Limitations

Incident	Description
IPPAN-10767	On some occasions, RX-PAD skips the language selection that is part of the initial setup wizard. As a result, pairing with the MTRA device fails.
IPPAN-10641	The device does not publish the location via LLDP packets after restoring to default.
IPPAN-10652	VLAN discovery mode is set by mistake to LLDP+CDP when disabling LLDP via configuration.

Incident	Description
IPPAN-9780	After updating the configuration with a PIN lock using TAC, OVOC or Device Manager, the device applies the lock but the lock is also applied to the MTRA device; it shouldn't be.
IPPAN-9762	[RXV81] There's an audio quality issue: The surrounding noise is too loud and interferes with the audio quality experienced by the remote party listeners.
IPPAN-9882	[RXV81 Wi-Fi] Enabling Wi-Fi is sometimes unsuccessful.
IPPAN-10550	[RXV81 Ad hoc peripherals] The Remote Controller sometimes doesn't respond.
IPPAN-10286	[RXV81] Setting the ringer volume from RX-PAD can cause non-stop ringing on RXV81.
IPPAN-10284	[RX-PAD] Some power supplies connected to RX-PAD can cause the touch feature to function poorly.
IPPAN-9281	[RX-PAD] The 'Enter' key on the RX-PAD Remote Keyboard doesn't function when trying to log in with Device Administration on RXV81.

3.13.2.2 Teams Application

Table 3-58: Resolved Teams Limitations

Incident	Description
IPPAN-8822	[RXV81↔RX-PAD] When a meeting starts, the RX-PAD camera icon is shown as disabled while it is actually enabled. After 15-20 minutes, the icon starts showing the correct status.

3.13.3 Known Limitations in Version 2.2.311

3.13.3.1 Teams Application

Here are the known Teams application limitations in Version 2.2.311

Table 3-59: Known Teams Application Limitations in Version 2.2.311

Incident	Description
IPPAN-5082	When using right-to-left languages (Hebrew, for example), the soft dial pad and displayed dial string are reverted.
IPPAN-2510	An incorrect date format is displayed when the current language is Simple Chinese.
-	In some cases, signing in as user B after the device was used by user A does not proceed flawlessly. Restore to default is consequently recommended after signing out.
IPPAN-10817	[MTR on Android] There is no video in third-party Webex meetings.
IPPAN-10643	[RX-PAD] There's a delay on RX-PAD when you answer a call. It's immediately displayed on the monitor but on RX-PAD the answering and call menus are still displayed after two to four seconds.

3.13.3.2 Device

Here are the known device limitations in Version 2.2.311.

Table 3-60: Known Device Limitations in Version 2.2.311

Incident	Description
IPPAN-10679	When updating the device from Microsoft TAC, there is no download progress bar pop-up indication; the indication is presented when the device update starts. The issue has been fixed and is set for the next version release.
IPPAN-10371	[RX-PAD] The camera doesn't resume the previous PTZ setting after enabling and disabling Auto-Framing from RX-PAD. The issue has been fixed and is set for the next version release.
IPPAN-10795	[RXV200] It's currently recommended to plug in the RXVCam50 before booting RXV200. The RXVCam50 might stop working when disconnecting and reconnecting it on the fly or if it is connected after the device is already booted up. If this occurs, reboot RXV200 to resolve the issue. The issue has been fixed and is set for the next version release.
IPPAN-10853	[RXV200] If the RXVCam50 was connected while RXV200 was already turned on, the Auto Framing option might not function. The issue has been fixed and is set for the next version release.
IPPAN-9492	[RXV200] When both HDMI Out ports are connected, touching the screen doesn't function.
IPPAN-10549	[RXV81 ad hoc peripherals] On certain occasions, a single press of the volume keys (+ or -) may result in the volume changing by more than one increment. The issue has been fixed and is set for the next version release.
IPPAN-10638	[RXV81 ad hoc peripherals] On certain occasions, pressing the mute key to mute or unmute results in the 'mute' function not responding. The issue has been fixed and is set for the next version release.
IPPAN-10871	[RXV81 ad hoc peripherals] Editing a temporary preset via the Camera Settings page is not possible. The issue has been fixed and is set for the next version release.
IPPAN-10659	[RXV81 ad hoc peripherals] At times during conversations, RXV81 audio may experience occasional instability, leading to brief interruptions in voice communication with remote parties
IPPAN-10873	[RXV81 + RCU] On certain occasions, a 'Remote Control is not connected' popup is erroneously displayed, though the RCU functions well. The issue has been fixed and is set for the next version release.
IPPAN-10883	[RXV200 HDMI In] In HDMI In mode, the PC audio device is shown as Yamaha CS-800 (RXV200 chip vendor).
-	[RXV200 HDMI In] In HDMI In mode, the PC audio volume is not synchronized with the RXV200 audio peripheral device.

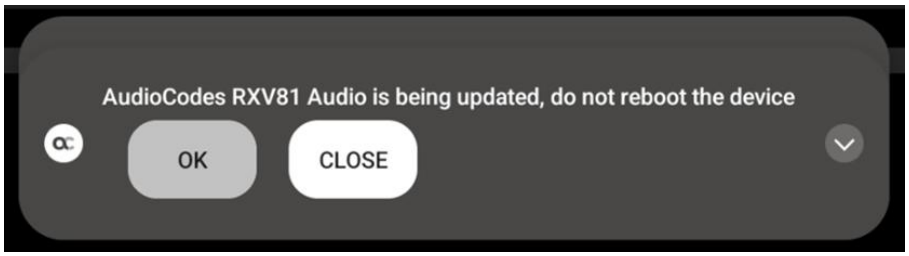
3.14 Version 2.0.369

[Relevant to RXV81 only]

3.14.1 What's New

- Version 2.0.369 includes Microsoft Teams app version 2023062301.
- For a list of new features / resolved limitations in the app, go here.
- To update to version 2.0.369, the RXV81 must have version 1.18.361 or later. Devices with older versions can use 1.19.341 as an intermediate version and then proceed to 2.0.369.

- **Admins can manually configure NTP**. Until this version release, NTP was provided via DHCP Option 42 or via time server URLs. With this new capability, the admin can set the NTP manually (or via provisioning).
- **New apps (on RXV81 and RX-PAD):**
  - New Microsoft Teams application: **U2**, 2023062301. For the list of features/fixes added in this app, see Release Notes for Microsoft Teams Rooms - Microsoft Teams | Microsoft Learn.
  - Company Portal 5.0.5484.0
  - Admin Agent 463
- RXV81 displays a new warning message 'AudioCodes RXV81 Audio is being updated, do not reboot the device' which pops up immediately after firmware upgrade if it's necessary to update the Audio peripheral.



- The **'Camera' hard key now allows a simple press** to open 'Camera Settings'.
- Removed the option to lock Microsoft Teams Room devices in compliance with the Microsoft Teams Room for Android (MTRfA) specification.

3.14.2 Resolved Limitations in Version 2.0.369

3.14.2.1 Device

Table 3-61: Resolved Device Limitations

Incident	Description
IPPAN-9653	DHCP Option 12 (host name) isn't sent in DHCP discover.
IPPAN-9629	[RXV81] The green video and microphone icon is displayed in the RXV81 notification bar during a meeting.
IPPAN-9674	[RXV81] Audio and camera version information is sometimes displayed incorrectly in the device's user interface.
IPPAN-9644	[RXV81] The option to 'Disable Touch' mistakenly exists in the Microsoft Teams Room for Android device, in the 'Device Settings' menu (applies to devices without hard keys).
IPPAN-9433	[RXV81] The cursor disappears when trying to access the 'Device Administrator Settings'.
IPPAN-8115	[RX-PAD, RXV81] On some occasions, when booting a paired and signed-in RXV81, RX-PAD prompts to connect again to the RXV81.

Incident	Description
IPPAN-9371	[RX-PAD, RXV81] When configuring a screensaver via RX-PAD, it does not reflect in the RXV81.
IPPAN-9366	[RX-PAD, RXV81] The 'Time Zone' setting via Microsoft TAC does not reflect in the RXV81.
IPPAN-9347	[RXV81] On some occasions, the device doesn't send an INIT to the Device Manager after a reboot.
IPPAN-9370	[RX-PAD] Touch navigation in the Device Settings page is not smooth.
IPPAN-9354	[RX-PAD, RXV81] On some occasions, the Bluetooth connection between RX-PAD and RXV81 disconnects, requiring re-pairing the devices.
IPPAN-9815	The mute LED does not switch off after restarting the Teams app from the Admin Debugging screen.
IPPAN-9693	Mexico 2023 time zone is updated and as a result, the device displays 1 hour ahead.
IPPAN-9564	[HTTP/S Proxy] The proxy is not working because the PAC file keeps being downloaded to the device.
IPPAN-9217	Setting the maximum transmission unit (MTU) via DHCP Option 26 does not work.
IPPAN-9872	Using DHCP Option 160, parameter 'dhcp/provision_url' can be set to a value of up to 91 characters. This might create an issue with connecting to Live Cloud via DHCP Option 160 as it sometimes requires a long URL name.
IPPAN-9326	On some occasions, while performing firmware upgrade via Microsoft TAC, the firmware download might take an excessive amount of time and the upgrade will result in failure in Microsoft TAC even though the upgrade ends successfully.
IPPAN-9242	[RXV81↔RX-PAD] The admin password pushed from Microsoft TAC is implemented only on the RXV81 and not on the paired RX-PAD.
IPPAN-9360	[RX-PAD] On some occasions, the Teams application does not load following 'Restore to default'. Workaround: Press the Teams icon from the AudioCodes application launcher. (The issue is fixed in the upcoming version release).
IPPAN-9310	[RX-PAD] Device Settings → Accessibility TalkBack doesn't function (will be fixed in the upcoming version release).
IPPAN-9372	[RX-PAD] The '=' key is not recognized on the RXV81 when selected from the RX-PAD keyboard.
IPPAN-9374	[RX-PAD] A message stating that 'RXV81 is signed out' is mistakenly displayed for a while immediately after the RX-PAD reboot (while the RXV81 is correctly signed in).

3.14.3 Known Limitations in Version 2.0.369

3.14.3.1 Teams Application

Here are the known Teams application limitations in Version 2.0.369

Table 3-62: Known Teams Application Limitations in Version 2.0.369

Incident	Description
IPPAN-2270, IPPAN-4548	[RXV80, C450HD] The device sometimes displays a 'Poor internet connection' message in the main screen for a few seconds and then the message disappears.

Incident	Description
IPPAN-5082	When using right-to-left languages (Hebrew, for example), the soft dial pad and displayed dial string are reverted.
IPPAN-2510	An incorrect date format is displayed when the current language is Simple Chinese.
-	In some cases, signing in as user B after the device was used by user A does not proceed flawlessly. Restore to default is consequently recommended after signing out.
IPPAN-8822	[RXV81↔RX-PAD] When a meeting starts, the RX-PAD camera icon is shown as disabled while it is actually enabled. After 15-20 minutes, the icon starts showing the correct status.
-	There is no video in third-party Webex Meeting.

3.14.3.2 Device

Here are the known device limitations in Version 2.0.369.

Table 3-63: Known Device Limitations in Version 2.0.369

Incident	Description
-	[Device Manager] Network administrators are recommended not to *provision* phones from both the Device Manager and the Microsoft admin portal, though they can *monitor* from both Device Manager and Microsoft admin portal at the same time.
IPPAN-3283	When using multiple users on a single phone (i.e., if user A signs out and then signs in with user B), AudioCodes' Device Manager may present the wrong username.
IPPAN-8959	[SCEP] The device is not getting a CA certificate from the NDES server. The issue will be fixed in the next version release.
IPPAN-8037	The device encounters sign-in issues when configured with 'Static IP' and 'LLDP'.
IPPAN-9363	[RXV81↔RX-PAD] In some cases, the 'volume' display on the RXV81 is not showing the correct value.
IPPAN-9325	[RXV81↔RX-PAD] Device Settings > Screen timeout > 'Never' can't be synced from RX-PAD to RXV81.
IPPAN-8669	[RXV81] USB Ad-Hoc popup message is incorrectly displayed during a firmware update that involves an upgrade of the Audio module.

3.15 Version 2.0.300

3.15.1 What's New

- Version 2.0.300 includes Microsoft Teams app version 2023041207.
- For a list of new features / resolved limitations in the app, go here.
- To update to version 2.0.300, the RXV81 must have version 1.18.361 or later. Devices with older versions can use 1.19.341 as an intermediate version and then proceed to 2.0.300.

- RXV81 version 2.0.300 supports AudioCodes' **RX-PAD Meeting Room Controller**, a center-of-room intelligent touch controller that provides access to the RXV-81 Meeting Room.

- Only applies to users who acquire the RXV81 bundle **TEAMS-RXV81-B10**.
- Optionally replaces the RC available in the RXV81 bundle **TEAMS-RXV81**.
- See details about the RXV81 bundles here.

RX-PAD enables capabilities such as one-click collaboration initiation with an integrated calendar, content sharing and camera adjustments, and more.

Requiring only a PoE cable for quick installation, RX-PAD leverages plug-and-play simplicity to provide a familiar Microsoft Teams meeting experience.

- See here for the Overview on AudioCodes' website.
- See here for the Datasheet on AudioCodes' website.
- See the RX-PAD Meeting Room Controller Pairing Guide for information about how to pair the controller with the RXV81.

The table below explains how RX-PAD is used. Use it as reference to the figure above.

Table 3-64: RX-PAD Interface Description

L-R	Description
1	'Back' button; press to return to the screen previously accessed.

L-R	Description
2	Press to return to the home screen from any screen. Long-press to open the device's 'Settings' screen.
3	Press to access Camera Settings.
4	Press to open administrator-related menus, including 'Settings'.
5	One-click to join with an integrated calendar for quick and rapid collaboration initiation.
6	Human proximity motion sensor concealed under the plastic that 'activates' the display screen from screensaver mode if the user nears the sensor's location, triggering automatic lighting to greet the user.
7	LED indications: ■ If illuminated red (constantly, without flashing), it indicates 'No network'. ■ Flashing red indicates a system alert, for example, when a user tries to charge via the device's USB port. ■ Flashing yellow indicates that the device is in the process of a software upgrade.

The table below shows RX-PAD specifications.

Table 3-65: RX-PAD Specifications

Feature	Specification
Display	Landscape Touch 8” LCD (1280 x 800 resolution)
Device interfaces	■ Ethernet: 10/100/1000 Mbps (RJ-45) network interface (PoE) Wi-Fi (dual band support) ■ Bluetooth 5.0 ■ 12V/3A DC power input ■ Proximity Sensor (see the previous table for a description)
Network provisioning	■ TCP/IP (IPv4), DHCP/ static IP; Time and date synchronization via SNTP; VLAN support; QoS support: IEEE 802.1p/Q tagging (VLAN) ■ Layer 3 TOS and DSCP RTCP support: (RFC 1889) ■ IP address configuration: TCP/IP (Ipv4), DHCP/static IP Time and date synchronization: SNTP
OS	Android 12
UC platform support highlights	■ Intuitive meeting experience with calendar integration and click-to-join meetings or proximity join experience ■ Easy-to-use touch controller for meeting management

3.15.2 Resolved Limitations in Version 2.0.300

3.15.2.1 Device

Table 3-66: Resolved Device Limitations

Incident	Description
IPPAN-8960	[SCEP] The device obtains device.crt whose signature algorithm is sha256 from the NDES server and cannot successfully authenticate 802.1x TLS. The issue will be fixed in the next version release.
DWC-980	The device may send a false alarm for CA Certificate provisioning with Response Code 600 to the Device Manager.
IPPAN-8965	The RXV81 cannot detect the USB 3.0 Flash Drive for recovery or for touch screen purposes.
IPPAN-9109	On some occasions, the device returns a successful result for a firmware update that somehow stops in the middle due to a cURL failure.

3.15.3 Known Limitations in Version 2.0.300

3.15.3.1 Teams Application

Here are the known Teams application limitations in Version 2.0.300

Table 3-67: Known Teams Application Limitations in Version 2.0.300

Incident	Description
IPPAN-2270, IPPAN-4548	[RXV80, C450HD] The device sometimes displays a ‘Poor internet connection’ message in the main screen for a few seconds and then the message disappears.

Incident	Description
IPPAN-5082	When using right-to-left languages (Hebrew, for example), the soft dial pad and displayed dial string are reverted.
IPPAN-2510	An incorrect date format is displayed when the current language is Simple Chinese.
-	In some cases, signing in as user B after the device was used by user A does not proceed flawlessly. Restore to default is consequently recommended after signing out.
IPPAN-8115	[RXV81↔RX-PAD] After rebooting signed-in and paired devices, Teams pairing is sometimes lost and a request to connect to RXV81 appears on RX-PAD.
IPPAN-8822	[RXV81↔RX-PAD] When a meeting starts, the RX-PAD camera icon is shown as disabled while it is actually enabled. After 15-20 minutes, the icon starts showing the correct status.
-	There is no video in third-party Webex Meeting.

3.15.3.2 Device

Here are the known device limitations in Version 2.0.300.

Table 3-68: Known Device Limitations in Version 2.0.300

Incident	Description
-	[Device Manager] Network administrators are recommended not to *provision* phones from both the Device Manager and the Microsoft admin portal, though they can *monitor* from both Device Manager and Microsoft admin portal at the same time.
IPPAN-3283	When using multiple users on a single phone (i.e., if user A signs out and then signs in with user B), AudioCodes' Device Manager may present the wrong username.
IPPAN-8959	[SCEP] The device is not getting a CA certificate from the NDES server. The issue will be fixed in the next version release.
IPPAN-8037	The device encounters sign-in issues when configured with 'Static IP' and 'LLDP'.
IPPAN-9326	On some occasions, while performing firmware upgrade via Microsoft TAC, the firmware download might take an excessive amount of time and the upgrade will result in failure in Microsoft TAC even though the upgrade ends successfully.
IPPAN-9354	[RXV81↔RX-PAD] On some occasions, the Teams pairing is lost and the user needs to re-pair the devices (will be fixed in the upcoming version release).
IPPAN-9367	[RXV81↔RX-PAD] The 'Camera' hard key requires a long press to open 'Camera Settings'. It should be a simple press (will be fixed in the upcoming version release).
IPPAN-9242	[RXV81↔RX-PAD] The admin password pushed from Microsoft TAC is implemented only on the RXV81 and not on the paired RX-PAD.
IPPAN-9363	[RXV81↔RX-PAD] In some cases, the 'volume' display on the RXV81 is not showing the correct value.
IPPAN-9325	[RXV81↔RX-PAD] Device Settings > Screen timeout > 'Never' can't be synced from the RX-PAD to the RXV81.
IPPAN-9347	[RXV81] The device sometimes doesn't send an INIT command to the OVOC Device Manager after rebooting (will be fixed in the upcoming version release).

Incident	Description
IPPAN-8669	[RXV81] USB Ad-Hoc popup message is incorrectly displayed during a firmware update that involves an upgrade of the Audio module.
IPPAN-9370	[RX-PAD] Sometimes, touch navigation in the RX-PAD's 'Device Settings' is not smooth (will be fixed in the upcoming version release).
IPPAN-9360	[RX-PAD] On some occasions, the Teams application does not load following 'Restore to default'. Workaround: Press the Teams icon from the AudioCodes application launcher. (The issue will be fixed in the upcoming version release).
IPPAN-9310	[RX-PAD] Device Settings → Accessibility TalkBack doesn't function (will be fixed in the upcoming version release).
IPPAN-9372	[RX-PAD] The '=' key is not recognized on the RXV81 when selected from the RX-PAD keyboard.
IPPAN-9374	[RX-PAD] A message stating that 'RXV81 is signed out' is mistakenly displayed for a while immediately after the RX-PAD reboot (while the RXV81 is correctly signed in).
IPPAN-9217	Setting MTU (maximum transmission unit) via DHCP Option 26 does not work.

3.16 Version 2.0.264

3.16.1 What's New

- Version 2.0 includes Microsoft Teams Version 2022120503.
- To update to version 2.0, the RXV81 must have version 1.18.361 or later. Devices with older versions can use 1.19.341 as an intermediate version and then proceed to 2.0.

- Microsoft Teams app 2022120503. For the list of new features / resolved limitations in the app, go here.

- Microsoft has meanwhile released a newer app, 2023031201, which will be part of the next RXV81 Meeting Room version release. It can be installed via Microsoft TAC and AudioCodes Device Manager for now.
- For a list of new features / resolved limitations in the newer app, go here.

- Version 2.0 is based on Android OS12
- Improved video and audio performance
- Version 2.0 is the first version to include support for AudioCodes' RX-PAD Room Controller. For more information, see the *RXV81 UM-AM* appendix 'Pairing RX-PAD'.
- The Device Manager supports AudioCodes' **RX-PAD Meeting Room Controller**. RX-PAD is an Android-based MTR (Microsoft Teams Room) controller running the Teams App and compute. It's similar to AudioCodes' RXV100 MTR which is Windows-based.
- RX-PAD is managed independently – connecting to OVOC – Android device with the Teams APK. Once RX-PAD is paired with the RXV81, the Device Manager displays it as a peripheral device. The RXV81 does not upgrade RX-PAD as a peripheral.
- New **RX-PAD TEAMS** firmware has been added to the repository of Latest Firmware versions.
- RX-PAD Console is not connected. Try bringing RX-PAD closer and accept pairing with SN CV13769459.
- Device Manager displays an alarm if the Display port (TV) is not connected.

- The built-in versions of the RXV81 camera and speaker are reported in the device's user interface and in the Device Manager's 'Show Info' tab.
- Device settings have been updated. **The settings of 'Personal account' and 'Shared account' are now aligned**.

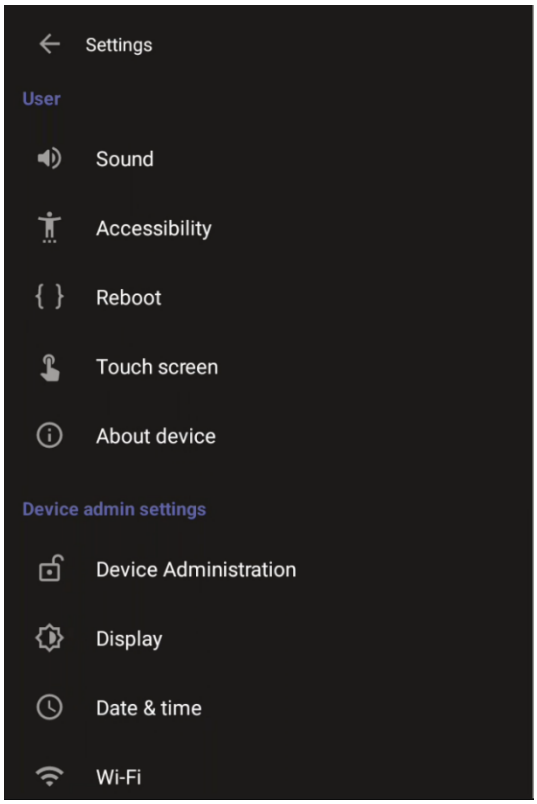
  If the user signs in to the device with a 'Personal account', they'll view, for example, the 'Language' setting under 'User' settings. If the user signs in with a 'Shared account', however, they'll view the 'Language' setting under 'Device admin settings'.

  The table below shows 'Language' and 'Date/Time Format' settings as examples.

Table 3-69: Examples of Settings across 'Personal account' and 'Shared account''

Setting	Viewed under
Language	Personal account: User settings Shared account: Device admin settings
Date/Time Format	Personal account: User settings Shared account: Device admin settings

The figure below shows some settings distributed under 'User' and 'Device admin settings' after signing in with a 'Shared account'.



- **Version 2.0 supports Live Teams Cloud deployments**. It's mandatory for devices managed by Device Manager Live Teams Cloud (OVOC Version 8.2.1000_FIX1) to use this version.

3.17 Version 1.19.341

3.17.1 What's New

- Version 1.19.341 includes Microsoft Teams Version 2022090606.
- See here the list of Microsoft Teams features supported by the RXV81.
- See here the list of device features.
- RXV81 Android MTR is currently in a certification process, planned to be fully Microsoft Teams certified in Q1-2023.

- **Using the RXV81 MTR on Android Video Collaboration Bar as an ad hoc peripheral** - the device can be used in ad hoc peripheral mode.
  - Newly supported Remote Control (RC) actions that participants can perform during a video call / meeting when using the device with the ad hoc USB A/V peripheral:
    - Volume
    - Mute
    - Camera on/off
  - When the device is in ad-hoc peripheral mode, it automatically detects the mode when the user connects a USB cable from their BYOD compute, and pops up this message to the user:

    In addition to the USB cable already connected to your laptop, please connect your laptop to the TV using the HDMI cable to properly view meeting details and content sharing.
    On your TV, make sure to select the HDMI source that is connected to your laptop.
    Note that you can still use your RXV81 Remote Control to increase or decrease volume, mute or unmute audio, and switch the camera on or off.

- **For RXV81**, **the VLAN configuration is now by default data VLAN** rather than voice VLAN, in compliance with the requirement specified here for the device not to advertise itself as a voice device.

  The VLAN configuration has consequently been updated. The default CDP/LLDP configuration has been changed to data VLAN.

- The device now supports **a strong password check** in order to log in as Administrator. The feature strengthens security.

  Note that the default password:
  - Must be changed before accessing the device via SSH.
  - Can be changed per device in the user interface (the user first enters the default password and is then prompted to modify it to a more complete password), or via bulk configuration of multiple devices using Microsoft's TAC or AudioCodes' Device Manager.

  Criteria required for a strong password are provided. The password must:
  - be greater than or equal to 8 characters in length
  - contain one or more uppercase characters
  - contain one or more lowercase characters
  - contain one or more numeric values
  - contain one or more special characters

- [Feature in preview] The RXV81 now supports **certificate enrollment using Simple Certificate Enrollment Protocol** (SCEP) using Microsoft's Network Device Enrollment Service (NDES) server, thereby allowing device certificates and CA certificate provisioning to be scaled to multiple devices.

After devices are provisioned with a SCEP-related configuration, they receive a CA certificate from the NDES, issue a Certificate Signing Request (CSR) to the NDES and receive a device certificate signed by the CA certificate (the one that the device received from NDES).

- Network administrators must configure the following three parameters:

- security/SCEPEnroll/ca_fingerprint
- security/SCEPEnroll/password_challenge
- security/SCEPServerURL

See the table in the RXV81 MTR on Android Video Collaboration Bar User's and Administrator's Manual for SCEP parameter descriptions.

IPPAN-6506

- **Device certificates can be provisioned in .pfx format** (combining .crt and key). The following parameter values can consequently be configured in the devices' Configuration File:
  - /security/device_certificate_url = <url>/certificate.pfx
  - /security/device_private_key_url = NULL
  - security/device_certificate/password=<pfx password>

  The feature is also supported by AudioCodes' Android Phone Utility (see here for more information).
- Network administrators can now **configure Wi-Fi settings via the Configuration File**. The Wi-Fi settings application on the device and the Configuration Database are synchronized.
- In previous versions, if network VLAN mode '/network/lan/vlan/mode' was set to LLDP, the device retrieved the VLAN and LLDP switch (for location purposes) from LLDP. Now, LLDP switch information (for location purposes) is retrieved when parameter network/lan/lldp/enabled=1 (even when VLAN is retrieved from CDP or VLAN is disabled or VLAN is manual).
- The C435HD phone can operate in a Survivable Branch Appliance (SBA) environment. Branch office survivability is aimed at providing limited calling functionality when the C435HD phone no longer has connectivity with the Teams cloud. Basic functionalities are:
  - Making PSTN calls
  - Receiving PSTN calls
  - Hold & Resume of PSTN calls

  If a user attempts to make a Teams call and the internet connection is down, they'll be notified that they can try calling a phone number instead.
- AudioCodes' *Android Phone Utility* management application has been updated to version 1.1.30, including a name change (it was previously *Teams IP Phone Utility*). Updates include:
  - Updated certificate loading mechanism: It's now performed using HTTP; it was previously performed using SCP. The HTTP port is 8000. Network administrators must make sure the port is not blocked by the organization's firewall.
  - New support for **device certificates to be provisioned in .pfx format** (combining .crt and key) (see also here).

3.17.2 Resolved Limitations in Version 1.19.341

3.17.2.1 Device

The Teams application version in this release is 2022090606.

Table 3-70: Resolved Device Limitations

Incident	Description
IPPAN-7336	The user is not able to access the Company Portal permission screen after a Restore Defaults and while trying to sign into the device. This is due to missing Application Admin privileges.
IPPAN-6528	Provisioned CAs are not used when 'Use system certificates' is chosen.
IPPAN-7300	Language & Input > Voice input key does not work when the toggle button is enabled.
IPPAN-7179	The 'Page soft key back button' option is not present in the 'Pico TTS page' settings.
IPPAN-6134	The 'back' arrow is missing in Japanese IME keyboard settings.
IPPAN-6831	The 'Time' parameter in Device Settings > Power saving mode is displayed in 24-hour format even when 'Time Format' is set to 12-hour.
IPPAN-6285	When using Japanese language, the "." (period) does not function.
IPPAN-6954	After a new device certificate has been provisioned (replacing the factory certificate), it cannot be seen in the device screen so the user cannot select it.
IPPAN-7927	[HTTPS Proxy] On some occasions, when the phone gets its configuration from the Device Manager, the proxy configuration gets deleted. As a result, the device becomes unusable; users aren't able to make or receive calls and the device is displayed as 'offline' in the TAC.
IPPAN-7583	[HTTP Proxy] HTTP Proxy isn't accepted when entered using the device's user interface; there was no support for using * as Wildcard and using the URL as domain name in addition to the IP address.
IPPAN-7122	[RXV81] The user is able to navigate to the 'Device storage' page.
IPPAN-7052	Sometimes, the device displays the message 'Settings isn't responding' after pressing the 'Camera Reset' button.
IPPAN-6874	When using a language other than the default language and trying to use the Camera Settings to change the PTZ, the RXV81 quits the Camera Settings page.
IPPAN-7076	On some occasions, when using the Camera Settings PTZ +/- keys, the Camera Settings view disappears, and the volume appears instead.
-	The remote controller does not function when the RXV81 is in ad hoc peripheral mode. It will be supported as part of the next release of the RXV81.

3.17.3 Known Limitations in Version 1.19.341

3.17.3.1 Teams Application

Here are the known Teams application limitations in Version 1.19.341.

Table 3-71: Known Teams Application Limitations in Version 1.19.341

Incident	Description
-	-

3.17.3.2 Device

Here are the known device limitations in Version 1.19.341.

Table 3-72: Known Device Limitations in Version 1.19.341

Incident	Description
-	[Device Manager] Administrators are recommended not to *provision* devices from both the Device Manager and the Microsoft Admin Portal. *Monitoring* from both Device Manager and the Microsoft Admin Portal at the same time is not an issue.

3.18 Version 1.18.349

Version 1.18.349 is the first release of the RXV81.

3.18.1 What's New

- Version 1.18.349 includes Microsoft Teams Version 2022072103/0721.
- See here the list of Microsoft Teams features supported by the RXV81.
- See here the list of device features.
- RXV81 Android MTR is currently in a certification process, planned to be fully Microsoft Teams certified in Q4-2022.

3.18.2 Resolved Limitations in Version 1.18.349

3.18.2.1 Device

- Version 1.18.349 is the first release of the RXV81.
- The Teams application version in this release is 2022072103.

Table 3-73: Resolved Device Limitations

Incident	Description
N/A	N/A

3.18.3 Known Limitations in Version 1.18.349

3.18.3.1 Teams Application

Here are the known Teams application limitations in Version 1.18.349.

Table 3-74: Known Teams Application Limitations in Version 1.18.349

Incident	Description
-	-

3.18.3.2 Device

Here are the known device limitations in Version 1.18.349.

Table 3-75: Known Device Limitations in Version 1.18.349

Incident	Description
IPPAN-7052	Sometimes, the device displays the message 'Settings isn't responding' after pressing the 'Camera Reset' button.
IPPAN-6874	When using a language other than the default language and trying to use the Camera Settings to change the PTZ, the RXV81 quits the Camera Settings page.
IPPAN-7076	On some occasions, when using the Camera Settings PTZ +/- keys, the Camera Settings view disappears, and the volume appears instead.
-	The remote controller does not function when the RXV81 is in ad hoc peripheral mode. It will be supported as part of the next release of the RXV81.
-	[Device Manager] Administrators are recommended not to *provision* devices from both the Device Manager and the Microsoft Admin Portal. *Monitoring* from both Device Manager and the Microsoft Admin Portal at the same time is not an issue.

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