

## MP-20x

## Analog Telephone Adapters



## COST-EFFECTIVE ANALOG VOIP TELEPHONE ADAPTER WITH OPTIONAL 3G/4G BROADBAND ACCESS SUPPORT

The AudioCodes **MP-20x series of analog telephone adapters** enable cost-effective and rapid migration of legacy analog telephones, fax machines and conference speakerphones to Voice over Broadband (VoBB) services. Their enhanced feature set includes support for multiple lines and optional 3G/4G cellular broadband access.

### KEY FEATURES

- SOHO telephony 2-4 port VoIP Gateway for Voice over Broadband (VoBB) networks
- 3G/4G access support for Broadband access (through USB dongle)
- Optional integrated router including Firewall, NAT with smart Quality of Service (QoS)
- Supports a rich set of subscriber calling features
- Easy remote provisioning through TR-069 protocol, and user friendly local web wizard
- Media encryption using Secure Real-Time Transfer Protocol (SRTP)
- Certified for BroadSoft's BroadWorks and BroadCloud
- Optional integrated BroadSoft's PacketSmart probe
- Optional integration of Robust, reliable Fax over HTTP application including Fax2Email and Email2Fax
- Super G3 - V.34 for T.38 FAX relay-reliable and fast fax transmission

# AudioCodes CPE & Access Gateway Products

## MP-20x

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### SPECIFICATIONS\*

Available Hardware Configurations					
Model	Access	LAN	FXS	USB 2.0	WAN-LAN Failover Relay
MP-204R	1 x 10/100/1000	1 x 10/100/1000	4	1	√
MP-202R	1 x 10/100/1000	1 x 10/100/1000	2	1	√
MP-202	1 x 10/100	1 x 10/100	2	-	-

  

WAN Access	
Ethernet WAN	10/100/1000Mbps Ethernet ports, for connection to xDSL/Cable/xPON modems
3G/4G support	3G/4G WAN access through USB dongle (not supplied with the MP20x, specific dongles supported)

  

Optional Data Routing and Security	
Data Protocols	IPv4/IPv6**, PPPoE, PPPoA, PPTP, DNS proxy, Dynamic DNS, DHCP Client, Server and Proxy, IP NAT - RFC3022, Application Layer Gateway (ALG), Port Triggering, UPnP auto-configuration and port-forwarding (IGD)
QoS	IEEE 802.1p/Q (QoS & VLAN Tagging) ToS/Diffserv QoS Traffic prioritization and shaping
Data Security and Firewall	SPI Firewall, URL filtering, Advanced Access Control, Denial of Service Prevention, Configuration File Encryption, Web Authentication, HTTPS provisioning
SIP Security	SIP over TLS 1.2 (SIPS)

  

Voice over IP	
Signaling Protocols	SIP over TCP/UDP - RFC 3261 Interoperability with leading softswitches Up to 7 individual SIP accounts with 4 concurrent calls
Media Processing	Voice Codecs G.711µ/a-law, G.729A/B, G.723.1, G.722 (for HD VoIP) , G722.2(WB-AMR) Media encryption using Secure Real-Time Transfer Protocol (SRTP) Analog Signaling Caller ID (Bellcore, ETSI, DTMF), MWI DTMF detection and generation, in-band and out-of-band Customized tones generation T.38 Fax Relay, V.34, VBD (Voice Band Data), Bypass

  

Office Services	
Reliable Fax Transmission	Fax-to-email - Fax is received as email with PDF attachments Automatic Fax Detection supporting T.38 and T.30 fax protocols, reliable transmission over ttpss Email-to-fax - Send Faxes from the company email (Office, Home or Mobile) with attachments (e.g. DOC, PDF, Excel, PowerPoint, Images, TXT etc. Administration, management, and diagnostics via simple web-based interface

  

Management and Configuration	
Auto Provisioning	Automated firmware and configuration upgrade via HTTP/HTTPS/TFTP/FTP
Administration and Diagnostics	Internal Web Server for Configuration and Management TR-069, TR-104, TR-111 Integrated SNMP agent CLI over Telnet Advanced debugging and diagnostics tools Optional integrated BroadSoft PacketSmart agent for Voice Quality of Experience (QoE) management

  

Physical Specification	
Weight and Dimensions	167 x 133 x 33 mm , 280g
Power	+12 VDC, 1 A/2 A ( R models ) External Power Adaptor, 100-240 VAC/50-60 Hz
Operating Temperature	0° to 40° C, Storage Temperature -40° to 66 C

\* For specific software availability please contact an AudioCodes sales representative.

\*\* IPv6 is supported only on MP-20x on a dedicated software version

### ABOUT AUDIOCODES

AudioCodes Ltd. (NASDAQ, TASE: AUDC) designs, develops and sells advanced Voice-over-IP (VoIP) and converged VoIP and Data networking products and applications to Service Providers and Enterprises. AudioCodes is a VoIP technology market leader, focused on converged VoIP and data communications, and its products are deployed globally in Broadband, Mobile, Enterprise networks and Cable. The Company provides a range of innovative, cost-effective products including Media Gateways, Multi-Service Business Routers, Session Border Controllers (SBC), Residential Gateways, IP Phones, Media Servers, Value Added Applications and Professional Services. AudioCodes' underlying technology, VolPerfectHD™, relies on AudioCodes' leadership in DSP, voice coding and voice processing technologies. AudioCodes' High Definition (HD) VoIP technologies and products provide enhanced intelligibility and a better end user communication experience in Voice communications.

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