

AudioCodes CPE & Access Gateway Products

MP-20x

Analog Telephone Adapters with Integrated DECT



COST-EFFECTIVE ANALOG VOIP TELEPHONE ADAPTER WITH DECT SUPPORTING 3G/4G BROADBAND ACCESS

The AudioCodes **MP-20x series of Analog Telephone Adapters** are cost-effective, advanced products, which enable fast and smooth migration of traditional analog telephones, fax machines and conference speakerphones to a Voice over Broadband (VoBB) service as well as the benefit from enhanced offering in the form of multi lines, DECT telephony and optional 3G/4G 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**
- **BASED ON AUDIOCODES' WIDELY DEPLOYED AND INTEROPERABLE SIP STACK**
- **OPTIONAL INTEGRATION OF ROBUST, RELIABLE FAX OVER HTTP APPLICATION INCLUDING FAX2MAIL AND MAIL2FAX**
- **OPTIONAL INTEGRATED CAT-IQ 2.0 COMPLIANT DECT, FOR UP TO 5 DECT EXTENSIONS WITH HD VOICE**
- **COMPLIANT WITH AUDIOCODES' DECT HANDSET AND WITH ANY CAT-IQ 2.0 CERTIFIED HANDSET**
- **SUPPORTS DECT ULE FOR INTEGRATION WITH SECURITY OR AUTOMATION END DEVICES**

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SPECIFICATIONS*

Available Hardware Configurations					
Model	Access	LAN	FXS	DECT	USB 2.0
MP-204D	1 x 10/100/1000	1 x 10/100/1000	4	√	1
MP-204	1 x 10/100/1000	1 x 10/100/1000	4	-	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, L2TP, 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 (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) 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, VBD (Voice Band Data), Bypass				
DECT	GAP and CAT-iq 2.0 compliance (MP-20xD) Up to 5 registered DECT handsets with HD Voice Optional AudioCodes DECT handset for full Micro PBX support				
Micro PBX	Multiple extensions support, 5 DECT extensions, 2-4 FXS extensions, Call Waiting, Call Hold, Call Transfer, Call Forward, 3-Way Conference with local mixing,, Hunt Group, Do Not Disturb, Flexible dialing plan, Auto Attendant				
Office Services					
Reliable Fax Transmission	Fax2Mail - Fax is received as email with PDF attachments Automatic Fax Detection supporting T.38 and T.30 fax protocols, reliable transmission over https Mail2Fax - Send Faxes from the company email (Office, Home or Mobile) with attachments (e.g. DOC, PDF, Excel, Power Point, 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	188 x 145 x 78 mm, 320 g				
Power	+12 VDC, 1 A 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.

ABOUT AUDIOCODES

AudioCodes Ltd. (NasdaqGS: 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 & 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 and Value Added Applications. AudioCodes' underlying technology, VoIPerfect HDTM, 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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