

## MediaPack™ MP-20x

### Analog Telephone Adapters

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 VoIP services. Their enhanced feature set includes support for multiple lines and optional 3G/4G cellular broadband access.



2 or 4 Analog Ports | TR-069 Provisioning | Wide Interoperability | T.38 Fax Compliant



#### Wide versatility

Supports a rich set of subscriber calling features



#### Enhanced security

Media encryption using Secure Real-Time Transfer Protocol (SRTP)



#### Fax support

Optional integration of robust, reliable fax over HTTP application including Fax2Email and Email2Fax



#### Superior quality

Optional integrated router including firewall and NAT with smart Quality of Service (QoS)



#### Easy monitoring

Optional integrated BroadSoft PacketSmart probe

## 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-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					
<b>Ethernet WAN</b>	10/100/1000Mbps Ethernet ports, for connection to xDSL/Cable/xPON modems				
<b>Ethernet</b>	3G/4G WAN access through USB dongle (not supplied with the MP-20x, specific dongles supported)				
Optional Data Routing and Security					
<b>Data Protocols</b>	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)				
<b>QoS</b>	IEEE 802.1p/Q (QoS & VLAN tagging) ToS/Diffserv QoS traffic prioritization and shaping				
<b>Data Security and Firewall</b>	SPI firewall, URL filtering, advanced access control, denial-of-service prevention, configuration file encryption, web authentication, HTTPS provisioning				
<b>SIP Security</b>	SIP over TLS 1.2 (SIPS)				
Voice over IP					
<b>Signaling Protocols</b>	SIP over TCP/UDP/TLS – RFC 3261 Interoperability with leading softswitches Up to 4 individual SIP accounts				
<b>Media Processing</b>	Voice codecs G.711µ/a-law, G.729A/B, G.723.1 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					
<b>Reliable Fax Transmission</b>	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 HTTPS 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					
<b>Auto Provisioning</b>	Automated firmware and configuration upgrade via HTTP/HTTPS/TFTP/FTP				
<b>Administration and Diagnostics</b>	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					
<b>Dimensions</b>	167 x 133 x 33 mm				
<b>Weight</b>	280g				
<b>Power</b>	+12 VDC, 1 A /2 A (R models) external power adaptor, 100-240 VAC/50-60 Hz				
<b>Operating Temperature</b>	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 dedicated software version.

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