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

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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-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
Ethernet	3G/4G WAN access through USB dongle (not supplied with the MP-20x, 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/TLS – RFC 3261 Interoperability with leading softswitches Up to 4 individual SIP accounts
Media Processing	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

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 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

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

Dimensions	167 x 133 x 33 mm
Weight	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 dedicated software version.*