

AudioCodes CPE & Access Gateway Products

MediaPack™ Series

Analog VoIP Gateways (MP-102/104/108/124)



- Fax, voice and modem support
- Toll quality voice compression
- Enhanced capabilities including MWI, long haul, metering, CID
- Support for all standard control protocols
- Proven integration with leading PBXs, IP-PBXs, Softswitches, H.323 Gatekeepers and SIP servers

The **MediaPack™ Series** Analog VoIP Gateways are cost-effective, cutting-edge technology solutions. These stand-alone analog VoIP Gateway subsystems provide superior voice technology for connecting legacy telephone or fax equipment and PBX systems with IP-based telephony networks, as well as for integration with new IP-based PBX architecture. These products are designed and tested to be fully interoperable with leading softswitches, H.323 gatekeepers and SIP servers.

The MediaPack Series Analog VoIP Gateways are well-suited for commercial VoIP deployment. Field-proven voice and fax technology and feature-rich design makes the MP series an excellent solution for various emerging VoIP applications. The MediaPack series Analog VoIP Gateways are used in the voice VPN environment, centralized IVR and Quality Monitoring, calling card and pay phone markets. Ideal markets also include MTU (Multi Tenant Units), rural areas and remote analog extensions in a VoIP-based PBX or IP-PBX architecture.

DELIVER FEATURE-RICH SOLUTIONS

The MediaPack Series Analog VoIP Gateways are second generation products that have been designed to meet real market needs. In addition to superior voice technology, the products provide advanced telephony features such as long haul, metering, country dependent MWI and CID for true integration with existing telephony infrastructure. The MP Series is based on VoIPerfect™ architecture, AudioCodes' underlying, best-of-breed, core media gateway technology for all of its products.

PROVIDE INTEROPERABILITY

The MediaPack Series is part of AudioCodes' complete family of stand-alone VoIP Gateways for OEM system integration. Throughout the years, AudioCodes has invested significant effort in complying with the leading and evolving VoIP standards. Support of all control protocols by the MP Series has been tested with leading softswitch vendors. As a provider for OEMs, System Integrators and Network Equipment Providers, AudioCodes offers short time-to-market with second generation, field-proven products.

BENEFIT FROM EXTENSIVE EXPERIENCE

AudioCodes, established in 1993, is one of the world's leading providers of VoIP technology. AudioCodes' commitment to innovation yields consistently high-quality voice processing products that are feature-rich and field-proven. AudioCodes has deployed close to 10 million VoP ports to date.

MEDIAPACK SERIES FEATURES

- Spans a range of 2 to 24 analog ports
- Supports PSTN/PBX analog telephone sets or analog trunk lines (FXS/FXO)
- Selectable, multiple LBR coders per channel
- Internal power supply; DC power option for the MP-124
- T.38 compliant
- Echo canceller, Jitter Buffer, VAD and CNG
- Complies with MGCP, MEGACO*, H.323 (V4) and SIP control protocols
- Web Management for easy configuration and installation
- SNMP and syslog support
- EMS for all-embracing management operations (FCAPS)

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MediaPack™ Series

SPECIFICATIONS

	MP-102	MP-104	MP-108	MP-124
Interfaces				
Telephone Interfaces	Dual RJ11	Quad RJ11	Octal RJ11	Standard 50-pin Telco connector
Life Line	Automatic cut through of a single analog line in case of power failure (FXS version only)			Not Applicable
Network Interface	10/100 Base-T, RJ45			
Indicators	Channel status and activity leds			
Voice, Fax, Modem				
Voice over Packet Capabilities	G.168-2000 compliant Echo Cancellation, VAD, CNG, Dynamic programmable Jitter Buffer, modem detection and auto switch to PCM			
Voice Compression	G.711, G.723.1, G.726, G.727, G.729A, NetCoder® at 6.4–9.6 kbps			
Fax over IP	Group 3 fax relay up to 14.4 kbps with automatic fallback T.38 compliant			
Signaling				
Signaling	FXS Loop-start	FXS, FXO Loop-start		FXS Loop-start
In-band Signaling	<ul style="list-style-type: none"> DTMF (TIA 464B) User defined and call progress tones 			
Control	MGCP (RFC 2705), H.323 (V4), MEGACO* (H.248), SIP (RFC 3261), AudioCodes VoIP Library API			
Provisioning	<ul style="list-style-type: none"> BootP, DHCP and TFTP Remote management using Web browser EMS (Element Management System) Syslog support 			
Physical				
Power	90-260 VAC/47-63 Hz		90-260 VAC/47-63 Hz 36-72 VDC	
Environmental	Operational: -5 to 55° C 23 to 131° F Storage: -40 to 70° C -40 to 158° F Humidity: 10 to 90% non-condensing			
Dimensions (HxWxD)	44 x 220.3 x 240 mm		44 x 445 x 269 mm	
Mounting	Wall mount, rack mount, table top			
Additional Features*				
Short and Long Haul	Up to 7000 meters at 24 AWG		Up to 6000 meters at 24 AWG	
Caller ID	Bellcore Type 1 & 2, ETSI NTT and DTMF based CID (India, Sweden, Denmark)			
Polarity Reversal	Immediate or smooth to prevent erroneous ringing			
Metering Tones	12/ 16KHz sinusoidal bursts			
Distinctive Ringing	By frequency (15-100 Hz) and cadence patterns			
Message Waiting Indication	DC voltage generation (TIA/EIA-464-B), V23 FSK data, Stutter dial tone			

* Please contact AudioCodes regarding availability in conjunction with the desired control protocol

APPLICATIONS

- Enterprise access for IP Centrex for hosted services
- Multi Tenant Unit
- POTs and fax extensions for IP-PBX
- Voice VPN
- VoIP-enabled PBX
- Unified messaging and recording

ABOUT AUDIOCODES

AudioCodes Ltd. (NASDAQ: AUDC) enables the new voice infrastructure by providing innovative, reliable and cost-effective Voice over Packet technology and Voice Network products to OEMs, network equipment providers and system integrators. AudioCodes provides its customers and partners with a diverse range of flexible, comprehensive media gateway and media processing technologies, based on VolPerfect™ – AudioCodes' underlying, best-of-breed, core media gateway architecture. The company is a market leader in voice compression technology and is a key originator of the ITU G.723.1 standard for the emerging Voice over IP market. AudioCodes voice network products feature media gateway and media server platforms for packet-based applications in the wireline, wireless, broadband access, and enhanced voice services markets. AudioCodes enabling technology products include VoIP and CTI communication boards, VoIP media gateway processors and modules, and CPE devices.

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