

## MediaPack™ Series Analog VoIP Gateways



- 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 SoftSwitch, Gatekeeper 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 and PBX systems as well as integration with new IP-based PBX architecture. These products are suited for VoIP deployment and are designed to be fully interoperable with leading SoftSwitches, Gatekeepers and SIP servers.

Field-proven voice and fax technology and feature-rich design makes the MediaPack™ Series analog media gateways an excellent solution for various emerging VoIP applications. The MediaPack series Analog VoIP Gateways are used in the voice VPN environment, centralized IVR and QA markets, calling card and pay phone markets. Ideal markets also include MTU, rural areas and remote POTs extensions for the IP-PBX architecture.

### DELIVER FEATURE-RICH SOLUTION

The MediaPack™ Series are second generation products that have been designed to meet real market needs. In addition to superior voice technology, the products can provide long haul and lightning protection for outdoor installations; MWI, CID, and metering for true integration with existing telephony infrastructure.

### 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 MediaPack 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, ready to ship 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 more than 5 million VoIP 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)
- Connection to the IP network via 10/100 Base-T Ethernet interface
- Selectable, multiple LBR coders per channel
- Internal power supply
- T.38 compliant
- Echo canceller, Jitter Buffer, VAD and CNG
- Complies with MGCP, MEGACO (H.248), H.323 and SIP control protocols
- Web Management for easy configuration and installation
- SNMP and syslog support

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# AudioCoded™ Enabling Technology Products

## MediaPack™ Series

### SPECIFICATIONS

	MP-102 <sup>1</sup>	MP-104	MP-108	MP-124
<b>Interfaces</b>				
Telephone Interfaces	Dual RJ11	Quad RJ11	Octal RJ11	Standard 50-pin Telco connector
Life line	Automatic cut through of a single line analog in case of power failure (FXS version only)			Not Applicable
Network Interface	10/100 Base-T, RJ45			
Indicators	Channel status and activity leds			
<b>Voice, Fax, Modem</b>				
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			
<b>Signaling</b>				
Signaling	FXS Loop-start	FXS, FXO Loop-start		FXS Loop-start
In-band Signaling	<ul style="list-style-type: none"> <li>DTMF (TIA 464B), MFR1, MFR2, AC15, SS4, SS5</li> <li>User defined and call progress tones</li> </ul>			
Control Provisioning	MGCP (RFC 2705), H.323 V4, MEGACO (H.248), SIP, AudioCodes VoIP Library API			
	<ul style="list-style-type: none"> <li>BootP, DHCP and TFTP</li> <li>Remote management using Web browser</li> <li>EMS (Element Management System)<sup>2</sup></li> <li>Syslog support</li> </ul>			
<b>Physical</b>				
Power	90-260VAC/47-63 Hz			
Environmental	Operational: 0 to 50°C Storage: -10 to 70°C 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			
<b>Additional Features<sup>2</sup></b>				
Long Haul	Up to 7000 meter			
Caller ID	Bellcore Type 1 & 2, ETSI Type 1 & 2, NTT number display			
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			
Outdoor Protection	FXO as default configuration, FXS as special ordering option			

<sup>1</sup> Minimum Order of 100 units

<sup>2</sup> Please contact AudioCodes regarding availability in conjunction with the desired control protocol

### APPLICATIONS

- Enterprise VoIP deployment
- POTS and FAX extensions for IP PBX
- VoIP private PBX networking (Voice VPN)
- Centralized VoIP application servers as: UM, Recording and Quality Monitoring
- Calling Cards, Pay Phones, Hotels
- MTU (Multi Tenant Unit) access gateways

### ABOUT AUDIOCODES

AudioCodes Ltd. (NASDAQ: AUDC) designs, develops and markets Voice over Packet media gateway technologies and systems for converged networks. The company is a market leader in voice compression technology and the key originator of the ITU G.723.1 standard for the emerging Voice over IP market. AudioCodes' product line includes enabling technology products such as Voice over Packet chip processors, VoIP communication boards, VoIP media gateway modules and CPE devices. In addition, AudioCodes provides OEMs with media gateway system solutions for packet networks in the wireline, wireless, broadband access and media server markets.

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