

AudioCodes MediaPack 114 Analog VoIP Gateway 4 Port FXO (MP114/4O/SIP)



Product Name: AudioCodes MediaPack 114 Analog VoIP Gateway 4 Port FXO (MP114/4O/SIP)

Manufacturer: AudioCodes

Model Number: MP114/4O/SIP

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The AudioCodes MP114/4O/SIP is an analog VoIP Gateway which is a cost-effective, best-of-breed technology product. These stand-alone analog VoIP Gateways provide superior voice technology for connecting legacy telephones, fax machines and PBX systems with IP-based telephony networks, as well as for integration with IP PBX systems.

AudioCodes MP114/4O/SIP Key Features

• 4 analog ports

• T.38 fax compliant

• 3-way conference with local mixing

• Call pickup

• Hunt groups

• Call forwarding

• Call hold

• Call transfer

• Advanced telephony features such as long-haul, metering tones generation, country dependent MWI and Caller ID for true integration with the existing telephony infrastructure

AudioCodes MP114/4O/SIP Technical Specifications
Interfaces

• Analog Signaling: 4 ports, FXS, FXO loop-start

• Network Interface: 10/100 BASE-T, RJ-45

Media Capabilities

• Voice Coders: G.711 (A-law and µ-law), G.723.1, G.726, G.727, G.729A/B, G.722

• VoIP Features: G.168-2004 echo cancellation, silence detection and comfort noise generation, dynamic programmable jitter buffer

• Call Progress Tones: Programmable detection and generation tones, pre-recorded tones generation

• DTMF: In-band and out-of-band signaling, RFC 2833, SIP INFO/NOTIFY

• Fax Over IP: Group 3/super G3 fax over IP, T.38 relay, automatic switching to G.711

IP Networking and Telephony Protocols

• VLAN: 802.1 p/Q VLAN tagging

• IP Transport: IPv4/IPv6*, DiffServ, TOS

• Control Protocols: SIP (RFC 3261) over UDP, TCP and TLS (1.2)

• Media Protocols: RTP (RFC 3550), SRTP (RFC 3711), RTCP (RFC 3550), RTCP-XR (RFC 3611)

Management Protocols

• OAM&P:- Web GUI, SSH/Telnet, SNMP v2/v3, INI file- AudioCodes®; One Voice Operation Center- User authentication and access control via RADIUS

• Automatic Configuration:- Zero-touch provisioning- Configuration/firmware download via HTTP(s), FTP and TFTP- DHCP-based provisioning - options 66, 67 and 160- VLAN ID discovery

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using LLDP

↳ Voice Menu: Basic configuration using standard touch-tone phone (MP-11x only)

Survivability During Network Failure

↳ PSTN Fallback: PSTN fallback upon power failure, IP connection failure, customer-defined IP QoS thresholds (MP-114 and MP-118)

↳ Survivability: Stand Alone Survivability (SAS) for 25 SIP users

Analog Telephony Features

↳ 3-Way Conference: On-board 3-way conference

↳ MWI: Message Waiting Indication: High (neon) and low (LED) voltage, FSK, stutter dial tone

↳ Caller ID: Bellcore GR-30-CORE Type 1 using Bell 202 FSK modulation, ETSI Type 1, NTT, Denmark, India, Brazil, United Kingdom and DTMF ETSI CID (ETSI 300-659-1)

↳ Polarity Reversal/Wink: Immediate or smooth to prevent erroneous ringing

↳ Metering Tones: 12/16 KHz sinusoidal bursts, generation on FXS

↳ Distinctive Ringing: By frequency (15-100 Hz) and cadence patterns

Subscriber Line Interface

↳ Ring Voltage: Sine: 54 VRMS typical (balanced ringing only)

↳ Ring Frequency: 25-100Hz

↳ Maximum Ringer Load: REN3

↳ Loop Impedance: Up to 1,500 ohm for the MP-11x, up to 1,600 ohm for the MP-124 (including phone impedance)

↳ Line Current: Up to 32 MA on 4 ports

Physical

↳ Power: 100-240 V AC/50-60 Hz

↳ Environmental: - Operational: 5 to 40°C (41 to 104°F)- Storage: -25 to 85°C (-13 to 185°F)- Humidity: 10 to 90% non-condensing

↳ Dimensions: 42x172x220 mm

↳ Mounting: Table top, wall mount, rack mount (with an optional shelf)

↳ Weight: MP-1xx: 0.5 kg (1.1 lbs.) approx.

Price: £349.40