Audiocodes MediaPack 124 Analog VoIP Gateway with 24 FXS ports (MP124/24S/AC/SIP)



Product Name: Audiocodes MediaPack 124 Analog VoIP Gateway with 24 FXS ports (MP124/24S/AC/SIP)
Manufacturer: AudioCodes
Model Number: MP124/24S/AC/SIP

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The AudioCodes MP124/24S/AC/SIP is an analogue VoIP Gateway which is a cost-effective, best-of-breed technology product. These stand-alone analogue 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 MP124/24S/AC/SIP Key Features

ï¿½ Support for 24 analog ports
ï¿½ T.38 fax compliant
ï¿½ Rich subscriber feature set: 3-way conference with local mixing, call pickup, hunt groups, call forwarding, call hold and call transfer
ï¿½ Advanced telephony features such as long-haul, metering tones generation, country dependent MWI and Caller ID for true integration with the existing telephony infrastructure
ï¿½ Wide versatility
ï¿½ High resiliency
ï¿½ Broad interoperability
ï¿½ Superior quality
ï¿½ Enhanced capabilities

AudioCodes MP124/24S/AC/SIP IP Phone Technical Specifications
Interfaces

ï¿½ Analog Signaling: 24 ports, FXS loop-start
ï¿½ Network Interface: 10/100 BASE-T, RJ-45

Media Capabilities

ï¿½ Voice Coders: G.711 (A-law and µ-law), G.723.1, G.726, G.727, G.729A/B, G.722
ï¿½ VoIP Features: G.168-2004 echo cancellation, silence detection and comfort noise generation, dynamic programmable jitter buffer
ï¿½ Call Progress Tones: Programmable detection and generation tones, pre-recorded tones generation
ï¿½ DTMF: In-band and out-of-band signaling, RFC 2833, SIP INFO/NOTIFY
ï¿½ Fax Over IP: Group 3/super G3 fax over IP, T.38 relay, automatic switching to G.711

IP Networking and Telephony Protocols

ï¿½ VLAN: 802.1 p/Q VLAN tagging
ï¿½ IP Transport: IPV4/IPV6*, DiffServ, TOS
ï¿½ Control Protocols: SIP (RFC 3261) over UDP, TCP and TLS (1.2)
ï¿½ Media Protocols: RTP (RFC 3550), SRTP (RFC 3711), RTCP (RFC 3550), RTCP-XR (RFC 3611)

Management Protocols

ï¿½ OAM&P:- Web GUI, SSH/Telnet, SNMP v2/v3, INI file- AudioCodes’ One Voice Operation Center- User authentication and access control via RADIUS
ï¿½ Automatic Configuration:- Zero-touch provisioning- Configuration/firmware download via

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HTTP(s), FTP and TFTP- DHCP-based provisioning - options 66, 67 and 160- VLAN ID discovery using LLDP
ï¿½ Voice Menu: Basic configuration using standard touch-tone phone (MP-11x only)

Survivability During Network Failure

ï¿½ PSTN Fallback: PSTN fallback upon power failure, IP connection failure, customer-defined IP QoS thresholds (MP-114 and MP-118)
ï¿½ Survivability: Stand Alone Survivability (SAS) for 25 SIP users

Analog Telephony Features

ï¿½ 3-Way Conference: On-board 3-way conference
ï¿½ MWI: Message Waiting Indication: High (neon) and low (LED) voltage, FSK, stutter dial tone
ï¿½ 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 (ETS 300-659-1)
ï¿½ Polarity Reversal/Wink: Immediate or smooth to prevent erroneous ringing
ï¿½ Metering Tones: 12/16 KHz sinusoidal bursts, generation on FXS
ï¿½ Distinctive Ringing: By frequency (15-100 Hz) and cadence patterns

Subscriber Line Interface

ï¿½ Ring Voltage: Sine: 54 VRMS typical (balanced ringing only)
ï¿½ Ring Frequency: 25-100Hz
ï¿½ Maximum Ringer Load: REN3
ï¿½ Loop Impedance: Up to 1,500 ohm for the MP-11x, up to 1,600 ohm for the MP-124 (including phone impedance)
ï¿½ Line Current: Up to 32 MA on 4 ports

Physical

ï¿½ Power: 100-240 V AC/50-60 Hz or -48V DC
ï¿½ 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
ï¿½ Dimensions: 44x445x269 mm
ï¿½ Mounting: Rack mount, table top
ï¿½ Weight: MP-124: 1.8 kg (4 lbs.)

Price: £1,111.50