AudioCodes MediaPack MP-1288 high density analog gateway with 144 FXS ports and dual AC power supply



Product Name: AudioCodes MediaPack MP-1288 high density analog gateway with 144 FXS ports and dual AC power supply
Manufacturer: -
Model Number: MP1288-144S-2AC

Please Note: This product has been discontinued. Please see AudioCodes MediaPack.

AudioCodes MediaPack MP-1288 high density analog gateway with 144 FXS ports and dual AC power supply MP1288-144S-2AC
The AudioCodes MP1288-288S-2AC is a best-of-breed high-density analog media gateway. It offers a cost-effective solution for organizations transitioning to all-IP that need to integrate large numbers of analog devices (such as legacy phones, fax machines and modems) into their new infrastructure. The MediaPack 1288 enables these organisations to protect the investment made in their analog devices and cabling while enjoying the functional and cost-benefit of the move to an all-IP infrastructure.
AudioCodes MP1288-144S-2AC Key Features

ï¿½ 288 FXS Ports
ï¿½ 3U Chassis
ï¿½ Dual Power Supplies
ï¿½ Comprehensive Interoperability
ï¿½ High resiliency, call survivability for all analog FXS extensions and for additional external IP phones
ï¿½ Advanced line capabilities, short and long haul up to 7.5 km, integrated surge protection for FXS
ï¿½ Emergency phone support, support for emergency/elevator phones that require higher loop current and increased ring voltage
ï¿½ SBC functionality, integrated SBC capabilities for survivability and connection to SIP trunks
ï¿½ Enhanced security, SRTP on all channels without capacity hit
ï¿½ Fax support: Extensive fax support including T.38 version 3

Fully interoperable with leading softswitches, unified communications (UC) servers and SIP proxies, the MediaPack 1288 is ideal for service providers, hosted UC operators, the hospitality sector and large enterprise campuses.
AudioCodes MP1288-144S-2AC Technical Specification
System Capacity

ï¿½ Telephony Capacity: 288 FXS ports. Four available capacity options: 288, 216, 144 and 72 ports
ï¿½ SBC Capacity: 300 SBC sessions, 350 registered users

Hardware Elements

ï¿½ Hardware Elements: CPU Module Providing the central processing unit with two 100/1000Base-T (Gigabit) Ethernet ports (RJ-45) and 1+1 Ethernet port redundancy
ï¿½ FXS Blades: 4 FXS blades, each blade supports 72 FXS ports, FXS connection via three 50-pin CHAMP connectors per FXS blade, Lifeline support - automatic switching to PSTN via 3 dedicated lifeline interfaces per FXS blade

Network Protocols

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ï¿½ IP Transport: IPv4, IPv6 for media and control, RTP/RTCP per IETF RFC 3550, RTCP-XR
ï¿½ Control: SIP (RFC 3261) over UDP, TCP and TLS (1.2)
ï¿½ Media: RTP (RFC 3550), SRTP (RFC 3711), RTCP (RFC 3550), RTCP-XR (RFC 3611)

Voice Capabilities

ï¿½ Voice Over Packet: G.168-2004 compliant echo cancellation, packet loss concealment, dynamic programmable jitter buffer, silence suppression/comfort noise generation, RTP redundancy, broken connection detection
ï¿½ Voice Compression: G.711, G.723.1, G.726 ADPCM, G.727 ADPCM, G.729A/B, G.722, AMR-NB, Opus-NB
ï¿½ Fax-Over-IP: Bypass, T.38 and T.38v3
ï¿½ 3-Way Conference: 3-way conference with local mixing across all FXS blades

Signalling

ï¿½ Message Manipulation Ability to add/modify/delete SIP headers and message body using advanced regular expressions (regex)
ï¿½ Routing Methods Request URL, IP address, FQDN, ENUM, advanced LDAP, third-party routing control through REST API
ï¿½ Routing Features Least-cost routing, call forking, load balancing, emergency call detection and prioritisation

Management

ï¿½ OAM&P: Web GUI, SSH/Telnet, SNMP v2/v3, INI file, REST API, AudioCodes’ One Voice Operation Center

Power

ï¿½ AC Power Specifications: 100-240V~, Input Frequency 50/60 Hz, Max. Input Current 10 A
ï¿½ DC Power Specifications: 40-60 VDC, 32A max
ï¿½ Redundant Power Supply: Dual feed, redundant power supply modules
ï¿½ Max power consumption: FXS Interfaces: 288,216,144, Short Haul (W): 450, 400, 350, Long Haul (W): 950, 770, 600

Physical

ï¿½ Width: 17.24 inches (438mm)
ï¿½ Height: 5.16 inches (131.2 mm)
ï¿½ Depth: 17.75 inches (451 mm)
ï¿½ Weight: 21 Kg (fully populated system)
ï¿½ Mounting: 3U, 19-inch rack

Environment

ï¿½ Temperature: Operational Temp.: 0 to 40°C (41 to 104°F), Storage Temp.: -40 to 70°C (-40 to 158°F), Humidity: 5 to 90% non-condensing
ï¿½ Cooling: Front-to-rear air flow

FXS Port Specifications

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ï¿½ FXS Signaling: Formats In-band signaling DTMF (TIA 464B), out-of-band pulse signaling
ï¿½ FXS Loop Impedance: Up to 1500 ohm (including phone impedance)
ï¿½ Off-hook Loop Current: 25 mA max. on all ports (35 mA max. on two ports per FXS blade for emergency/elevator phones)
ï¿½ Ring Voltage: - 54Vrms Sinewave balanced ringing of up to 288 phones simultaneously, -85Vrms/20Hz – Trapezoid waveform ringing of up to 6 phones per each 12 ports segment, Notes: Balanced ringing only, enables simultaneous ringing of 288 phones (72 per FXS blade given REN3 load)
ï¿½ Ring Frequency: 25-100 Hz
ï¿½ Maximum Ringer Load: Ringer Equivalency Number (REN) 3
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 Distinctive Ringing: By frequency (15-100 Hz) and cadence patterns
ï¿½ Message Waiting Indication: (MWI) High and low DC voltage generation (TIA/EIA-464-B), V23 FSK data, stutter dial tone

Price: £10,666.70