Grandstream GXW4248 FXS Analog VoIP Gateway



Product Name: Grandstream GXW4248 FXS Analog VoIP Gateway
Manufacturer: -
Model Number: GXW4248

Please Note: This product is end of life. For an alternative, see the other Grandstream GXW4248v2.

Grandstream GXW4248 FXS Analog VoIP Gateway
The Grandstream GXW4248 features multiple FXS analog telephone ports, superb voice quality, rich telephony functionalities, easy provisioning, flexible dialing plans, advanced security protection, and strong performance in handling high volume voice calls. The GXW4248 is a high performance, high-density analog VoIP gateway that is fully compliant with SIP standard and interoperable with various VoIP systems, analog PBX and phones on the the market.
Grandstream GXW4248 FXS Analog VoIP Gateway Key Features

ï¿½ 16/24/32 FXS ports, GXW4248 includes 2 50-pin Telco connectors
ï¿½ 1 Gigabit network port
ï¿½ 132x48 backlit graphic display with support for multiples languages
ï¿½ 4 SIP server profiles per system, independent SIP account per port

The GXW4248 gateway offers small and medium businesses a cost-effective hybrid IP and analog telephone system that allows them to enjoy the benefits of VoIP communications while preserving investment on existing analog phones, Fax machines and legacy PBX systems.
Grandstream GXW4248 - Technical Specifications
Telephone Interfaces

ï¿½ GXW4216/4224/4232: 16/24/32 x RJ11 & 1/1/2 50-pin Telco connectors
ï¿½ GXW4248: 2 50-pin Telco connectors

Network Interfaces

ï¿½ 1 x 10M/100M/1000Mbps auto-sensing RJ45 port

LED indicators

ï¿½ LAN Link, LAN Activity, Connection Per Telephone Port

LCD display

ï¿½ Backlit 128x32 graphic LCD display with support for multiple languages

Voice-over-Packet Capabilities

ï¿½ Window based carrier grade line echo cancellation, dynamic jitter buffer, modern detection & auto-switch to G.711

Voice Compression

ï¿½ G.711, G.723.1, G.726 (40/32/24/16), G.729 A/B, iLBC

Fax over IP

ï¿½ T.38 compliant Group 3 Fax Relay up to 14.4kpbs and auto-switch to G.711 for Fax

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Pass-through, Fax data pump V.17, V.21, V.27ter, V.29 for T.38 fax relay

Telephony Feature

ï¿½ Caller ID display or block, call waiting, blind or attended call transfer, call forward, do not disturb, 3-way conference, last call return, paging, message waiting indicator LED (NEON LED) support and stutter tone, auto dial

QoS

ï¿½ DiffServ, TOS, 802.1P/Q VLAN tagging

Network Protocols

ï¿½ TCP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS, DHCP, NTP, TFTP, TELNET, PPPoE, STUN, LLDP

DTMF Method

ï¿½ Flexible DTMF transmission methods including in-audio, RFC2833, and/or SIP INFO

Signaling

ï¿½ SIP (RFC 3261) over UDP/TCP/TLS

SIP Server Profiles & Accounts Per System

ï¿½ 4 distinct SIP server profiles per system and independent SIP account per telephone port

Provisioning

ï¿½ TFTP, HTTP, HTTTPS, TR069

Security

ï¿½ SRTP, TLS/SIPS, HTTPS, 802.1x

Management

ï¿½ Syslog, HTTPS, Web browser, voice prompt, TR-069

Universal Power Supply

ï¿½ GXW4232/4224/4216: Output: 12VDC, 5A; Input: 100 ~ 240VAC, 50 ~ 60Hz
ï¿½ GXW4248: Output: 24VDC, 6.25A; Inpu: 100 ~ 240VAC, 50~ 60Hz

Environmental

ï¿½ Operating: 0 °C ~ 40C; Storage: -20°C ~ 60°C; Humidity: 10% ~90% (non-condensing)

Electrical Protection

ï¿½ Over-voltage and over-current protection (ITU-T Reccomendation K.21, Basic Test Level)

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Physical

ï¿½ Unit dimension: - 440mm (L) x 255mm (W) x 44mm (H) (1U) (GXW4248)- 440mm (L) x 185mm (W) x 44mm (H) (1U) (GXW4216/4224/4232)
ï¿½ Unit Weight: - 3.21KG (GXW4248)- 2.63KG (GXW4224)- 2.57KG (GXW4224)- 2.39KG (GXW4216)
ï¿½ Package weight: - 4.31KG (GXW4248)- 3.68KG (GXW4224)- 3.62KG (GXW4224)- 3.48KG (GXW4216)

Mounting

ï¿½ Desktop and rack mount with front brackets

LED Indicators

ï¿½ Power, LAN Link/Activity, Hard Drive Activity

Short & Long Haul

ï¿½ 2 REN, up to 2km on 24 AWG wire

Caller ID

ï¿½ Bellcore Type 1&2, ETSI, BT, NTT, and DTMF-based CID

Disconnect Methods

ï¿½ Busy Tone, Polarity Reversal/Wink, Loop Current

Compliance

ï¿½ FCC: Part 15 (CFR 47) Class B
ï¿½ CE: EN55022 Class B, EN55024, EN61000-3-2, EN16000-3-3, EN60950-1, RoHS
ï¿½ C-TICK; AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AN/NZS 60950
ï¿½ ITU-T K.21 (Basic Test Level); UL 60950 (power adapter)

Please Enquire