

Grandstream GXW4216 FXS Analog VoIP Gateway



Product Name: Grandstream GXW4216 FXS Analog VoIP Gateway

Manufacturer: -

Model Number: GXW4216

Please Note: This product has been discontinued. For an alternative, please see the Grandstream GXW4216 v2.

Grandstream GXW4216 FXS Analog VoIP Gateway

The Grandstream GXW4216 is a next generation high-density and performance analog VoIP gateway that is fully compliant with SIP standard and interoperable with various VoIP systems, analog PBX and phones on the market. The GXW4216 features 16 FXS analog telephone ports, superb voice quality and rich telephony functionalities. It also offers easy provisioning, flexible dialing plans, advanced security protection, and strong performance in handling high volume voice calls.

Grandstream GXW4216 FXS Analog VoIP Gateway Key Features

- 16 FXS ports

- 1 Gigabit network port

- 132x48 backlit graphic display with support for multiple languages

- 4 SIP server profiles per system, independent SIP account per port

The GXW42XX gateways offer 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 GXW4216 - Technical Specifications

Telephone Interfaces

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

- GXW4248: 2 50-pin Telco connectors

Network Interfaces

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

LED indicators

- LAN Link, LAN Activity, Connection Per Telephone Port

LCD display

- Backlit 128x32 graphic LCD display with support for multiple languages

Voice-over-Packet Capabilities

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

Voice Compression

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

Fax over IP

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• T.38 compliant Group 3 Fax Relay up to 14.4kbps and auto-switch to G.711 for Fax
• Pass-through, Fax data pump V.17, V.21, V.27ter, V.29 for T.38 fax relay

Telephony Feature

• 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

• DiffServ, TOS, 802.1P/Q VLAN tagging

Network Protocols

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

DTMF Method

• Flexible DTMF transmission methods including in-audio, RFC2833, and/or SIP INFO

Signaling

• SIP (RFC 3261) over UDP/TCP/TLS

SIP Server Profiles & Accounts Per System

• 4 distinct SIP server profiles per system and independent SIP account per telephone port

Provisioning

• TFTP, HTTP, HTTPS, TR069

Security

• SRTP, TLS/SIPS, HTTPS, 802.1x

Management

• Syslog, HTTPS, Web browser, voice prompt, TR-069

Universal Power Supply

• GXW4232/4224/4216: Output: 12VDC, 5A; Input: 100 ~ 240VAC, 50 ~ 60Hz

• GXW4248: Output: 24VDC, 6.25A; Input: 100 ~ 240VAC, 50~ 60Hz

Environmental

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

Electrical Protection

• Over-voltage and over-current protection (ITU-T Recommendation K.21, Basic Test Level)

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Physical

1½ Unit dimension: - 440mm (L) x 255mm (W) x 44mm (H) (1U) (GXW4248)- 440mm (L) x 185mm (W) x 44mm (H) (1U) (GXW4216/4224/4232)

1½ Unit Weight: - 3.21KG (GXW4248)- 2.63KG (GXW4224)- 2.57KG (GXW4224)- 2.39KG (GXW4216)

1½ Package weight: - 4.31KG (GXW4248)- 3.68KG (GXW4224)- 3.62KG (GXW4224)- 3.48KG (GXW4216)

Mounting

1½ Desktop and rack mount with front brackets

LED Indicators

1½ Power, LAN Link/Activity, Hard Drive Activity

Short & Long Haul

1½ 2 REN, up to 2km on 24 AWG wire

Caller ID

1½ Bellcore Type 1&2, ETSI, BT, NTT, and DTMF-based CID

Disconnect Methods

1½ Busy Tone, Polarity Reversal/Wink, Loop Current

Compliance

1½ FCC: Part 15 (CFR 47) Class B

1½ CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, RoHS

1½ C-TICK; AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AN/NZS 60950

1½ ITU-T K.21 (Basic Test Level); UL 60950 (power adapter)

Please Enquire