

## 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 & 1/1/2 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

## Grandstream GXW4216 FXS Analog VoIP Gateway

• T.38 compliant Group 3 Fax Relay up to 14.4kpbs 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 &deg;C ~ 40C; Storage: -20&deg;C ~ 60&deg;C; Humidity: 10% ~90% (non-condensing)

### Electrical Protection

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

## Grandstream GXW4216 FXS Analog VoIP Gateway

### Physical

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

### Mounting

Desktop and rack mount with front brackets

### LED Indicators

Power, LAN Link/Activity, Hard Drive Activity

### Short & Long Haul

2 REN, up to 2km on 24 AWG wire

### Caller ID

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

### Disconnect Methods

Busy Tone, Polarity Reversal/Wink, Loop Current

### Compliance

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

### Please Enquire