

Grandstream GXW4216 v2 FXS Analog VoIP Gateway (GXW4216-v2)



Product Name: Grandstream GXW4216 v2 FXS Analog VoIP Gateway (GXW4216-v2)

Manufacturer: Grandstream Model Number: GXW4216-v2

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The GXW4216 version 2 is part of Grandstream's high-density FXS gateway series enables businesses of all sizes to create a cost-effective hybrid IP and analogue telephone system that offers the benefits of VoIP communications and takes advantage of Gigabit speeds while preserving investment on existing analogue phones, fax machines and legacy PBX systems. Grandstream GXW4216v2 FXS Analog VoIP Gateway Key Features

آذِ 16 FXS, 1 GigE, near HD quality audio

Ti21/2 A single 10/100/1000Mbps auto-sensing RJ45 port

าั¿½ TLS and SRTP security with AES encryption technology to protect calls and accounts

Title Automated provisioning options include TR-069 and XML config files

آذِيً Supports simultaneous 3-way voice conferencing per port

เช้น Failover SIP server feature automatically switches to secondary server if main server loses connection

ī స్ట్రీ Supports simultaneous T.38 or pass-through fax-over-IP per port

� Supports a wide range of caller ID formats

าั¿½ Use with Grandstream's UCM series of IP PBXs for Zero Configruartion provisioning

 $\ddot{\imath}$ Supports advanced telephony features, including call transfer, call forward, call-waiting, do not disturb, message waiting indication, multilanguage promtps, flexible dial plan and more

ī¿½ Supports secure cloud provisioning using Grandstream Device Management Service (GDMS) pending

រ៉េ $_{2}$ % Supports 16KHz wide-band voice sampling rate and wide-band codecs such as Opus and G 722

 $\ddot{\imath}_{\dot{\epsilon}}$ Secure boot, unique certificate and random default password per device, dual firmware images

The GXW4216 has 16 FXS ports, a Gigabit network port and features broad interoperability with most service providers, soft-switches and SIP-based environments.

Grandstream GXW4216v2 - Technical Specifications

Telephone Interfaces

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

ï¿1/2 GXW4248: 2 50-pin Telco connectors

Network Interfaces

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

LED indicators

រ៉េ្ស Power, LAN Link, LAN Activity, Connection Per Telephone Port

LCD display

آذِنُ 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 & amp; auto-switch to G.711



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Voice Compression

� G.711, G.723, G.726-32, G.729, G.722 (wide band), iLBC, Opus (wide-band)

Fax over IP

 $\ddot{\imath}$ T.38 compliant Group 3 Fax Relay up to 14.4kpbs and auto-switch to G.711 for Fax Pass-through,

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

Telephony Feature

T¿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¿1/2 DiffServ, TOS, 802.1P/Q VLAN tagging

Network Protocols

 $\ddot{\imath}_{c}$ ½ TCP/UDP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS, DHCP, NTP, TFTP, PPPoE, STUN, LLDP

DTMF Method

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

Signaling

ï¿1/2 SIP (RFC 3261) over UDP/TCP/TLS

SIP Server Profiles & Dr System

� 4 distinct SIP server profiles per system and independent SIP account per telephone port Provisioning TFTP, HTTPS, FTP, FTPS, TR069

Security

� SRTP, TLS/SIPS, HTTPS (AES-128 encryption for SRTP, TLS and HTTPS), SecureBoot, random admin passwords

Management

تزار Syslog, HTTPS, SSH, Web browser, voice prompt, TR-069

Universal Power Supply

ї½ GXW4232/4224/4216: Output: 12VDC, 5A, maximum 60W / Input: 100 ~ 240VAC, 50 ~ 60Hz ї½½ GXW4248: Output: 24VDC, 6.25A, maximum 150W



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ï¿1/2 Input: 100 ~ 240VAC, 50~ 60Hz

Environmental

 \ddot{i} Operating: 0 °C ~ 40C; Storage: -10°C ~ 60°C; Humidity: 10% ~90% (non-condensing)

Electrical Protection

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

Physical

ī¿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)

ī¿½ Unit Weight: - 3.36KG (GXW4248)- 2.76KG (GXW4232)- 2.60KG (GXW4224)- 2.40KG (GXW4216)

Mounting

� Desktop and rack mount with front brackets

Compliance

ï¿1/2 FCC: Part 15 (CFR 47) Class B

ï¿⅓ IC: ICES-003

T¿½ CE: EN55032 Class B, EN55035, EN IEC 61000-3-2, EN61000-3-3, EN IEC 62368-1, RoHS

� C-TICK: AS/NZS CISPR 32 Class B, AS/NZS 62368.1, AS/CA S003.1

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

Price: \$453.63