

## Grandstream GXW4224-v2 High Density FXS Analogue VoIP Gateway



Product Name: Grandstream GXW4224-v2 High Density FXS Analogue VoIP Gateway

Manufacturer: Grandstream

Model Number: GXW4224-v2

### Grandstream GXW4224v2 VoIP Gateway

The GXW4224V2 is a device that allows you to connect multiple locations and devices within an office to a hosted or on-premise IP PBX network, making the deployment process as simple as possible.

#### Features:

- 24 Telephone FXS ports with RJ11 and 50-pin Telco connectors, as well as per port LED

- Gigabit Ethernet and a backlit 128x32 graphic display with support for multiple languages

- 4 SIP Server profiles per system and independent SIP account per port

It allows you to build a low-cost hybrid IP/analog telephone system, which enables you to use VoIP communications while keeping your existing analog phones, fax machines, and legacy PBX systems. The device is SIP-compliant and compatible with a wide range of VoIP systems, analog PBXs, and phones. It has multiple FXS analog telephone ports, high-quality voice, a set of telephony functionalities, easy provisioning, flexible dialing plans, advanced security protection, and high performance for handling high-volume voice calls.

The GXW4224V2 offers a cost-effective solution for building a hybrid IP and analog telephone system, allowing you to take advantage of the benefits of VoIP communications. It has 24 FXS ports and a Gigabit network port and it is compatible with most service providers, soft-switches, and SIP-based environments.

### GXW4224V2 Technical Specifications

#### General

#### 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: 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

## Grandstream GXW4224-v2 High Density FXS Analogue VoIP Gateway

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

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

• 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; Package weight: 4.31KG (GXW4248) 2.63KG; 3.68KG (GXW4224) 2.57KG; 3.62KG (GXW4224) 2.39KG; 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, 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, EN61000-3-3, 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)

**Price: \$581.38**