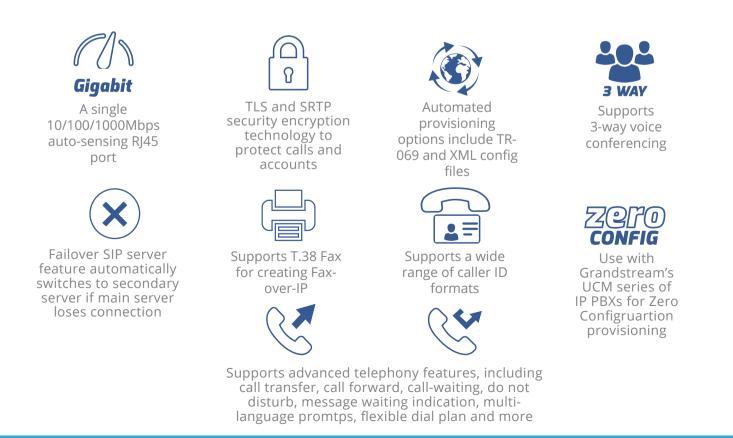


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## GXW4200 series

## High-Density, Gigabit Gateways

The GXW4200 high-density FXS gateway series enables businesses of all sizes to create a cost-effective hybrid IP and analog telephone system that offers the benefits of VoIP communications and takes advantage of Gigabit speeds while preserving investment on existing analog phones, fax machines and legacy PBX systems. The GXW4200 series includes 16/24/32/48 FXS ports, a Gigabit network port and features broad interoperability with most service providers, soft-switches and SIP-based environments.



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| Telephone Interfaces                                       | GXW4216/4224/4232: 16/24/32 x RJ11 & 1/1/2 50-pin Telco connectors<br>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 14.4kpbs 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,<br>do not disturb, 3-way conference, last call return, paging, message waiting indicator<br>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, PP-<br>PoE, STUN, LLDP  |  |
| DTMF Method  | Flexible DTMF transmission methods including in-audio, RFC2833, and/or SIP INFO   |  |
| Signaling  | SIP (RFC 3261) over UDP/TCP/TLS   |  |
|  | 4 distinct SIP server profiles per system and independent SIP account per telephone port  |  |
| Provisioning   | TFTP, HTTP, HTTTPS, TR069   |  |
| Security   | curity 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<br>GXW4248: Output: 24VDC, 6.25A; Inpu: 100 ~ 240VAC, 50~ 60Hz   |  |
| Environmental  | Operating: 0 °C ~ 40C; Storage: -20°C ~ 60°C; Humidity: 10% ~90% (non-condensing)   |  |
| Electrical Protection                                      | Over-voltage and over-current protection (ITU-T Reccomendation K.21, Basic Test Level)  |  |
| Physical   | Unit dimension: 440mm (L) x 255mm (W) x 44mm (H) (1U) (GXW4248)<br>440mm (L) x 185mm (W) x 44mm (H) (1U) (GXW4216/4224/4232)<br>Unit Weight: 3.21KG; Package weight: 4.31KG (GXW4248)<br>2.63KG; 3.68KG (GXW4224)<br>2.57KG; 3.62KG (GXW4224)<br>2.39KG; 3.48KG (GXW4216) |  |
| <b>Mounting</b> Desktop and rack mount with front brackets |   |  |
| LED Indicators   | Power, LAN Link/Activity, Hard Drive Activity   |  |
| Short & Long Haul  | Short & Long Haul 2 REN, up to 2km on 24 AWG wire   |  |
| Caller ID  | 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<br>CE: EN55022 Class B, EN55024, EN61000-3-2, EN16000-3-3, EN60950-1, RoHS<br>C-TICK; AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AN/NZS 60950<br>ITU-T K.21 (Basic Test Level); UL 60950 (power adapter)                                     |  |

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