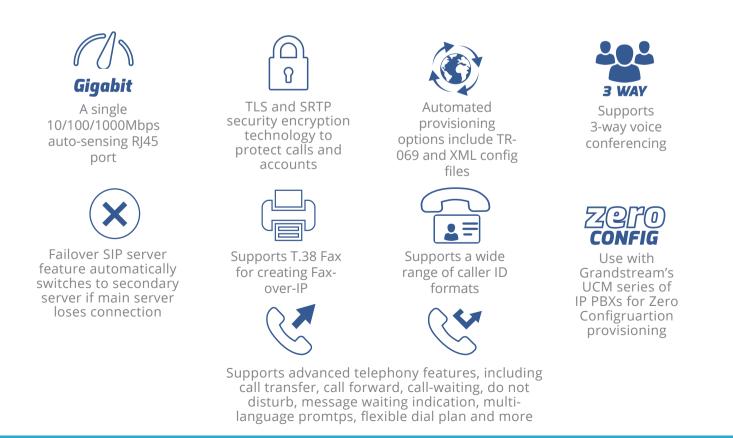


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GXW4200 series

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 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, 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, PP- 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 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) 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	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 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)	

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