

PRI / Cellular Gateways

HG-2000 series



- All in one telephony platform
- PBX's connectivity for VoIP, Cellular and Fixed networks
- Fast return on investment (ROI)
- Optimal solution from small to Medium enterprises (SMEs).

Overview

The HyperGateway family of scalable platforms empowers flexible and cost-effective telephony over wireline, cellular and IP networks. Optimized for medium-to-large enterprises and alternative service providers, HyperGateway systems provide integrated voice communications for both onsite and remote users.

HG-2000 series

The HG-2000 Series of PRI / Cellular Gateways provides the perfect solution for small and medium-sized enterprises (SMEs). All upgradeable HG-2000 Series products are equipped with PRI interface and 12 channels of both GSM and CDMA optional support of VoIP connectivity. Companies can easily expand the cost-effective systems to meet their evolving telephony needs over time.



The HG-2000 Series supports the HyperSaving Package – a corporate communications add-on that minimizes expenses of local, national and international calls. HyperSaving Package includes any combination of Corporate Callback, Corporate Callorder and Corporate Callthrough services that improve the organization's bottom line.

Features

Benefits

SMEs Scalable and flexible systems

Configured to meet precise customer requirements

12-32 GSM and CDMA channels

PBX inbound and outbound calls into and from Cellular.

PBX Interfaces

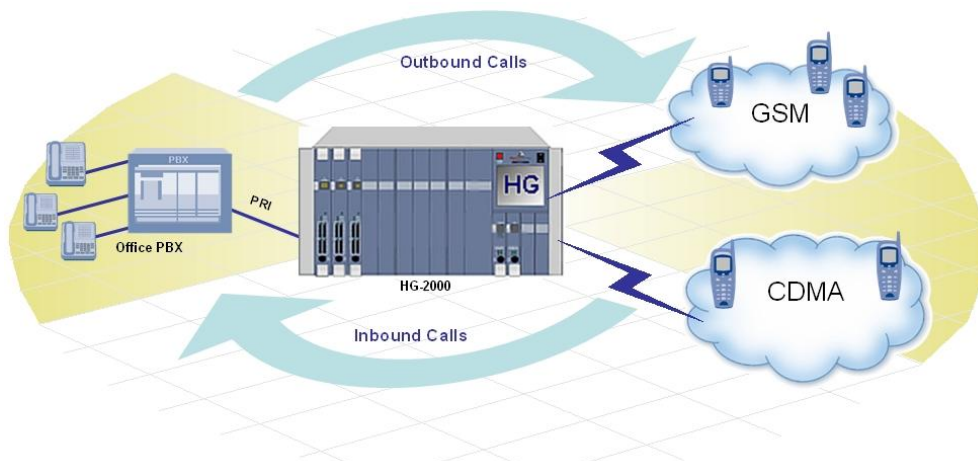
Configurable ISDN-PRI for Cellular

VoIP interface ready

Connecting legacy PBX and new IP-based systems.

HyperSaving Package

Minimizes expenses of local, national and international calls



HyperGateway system specifications:

Interfaces/Protocols	
PRI:	DSS1 (Q.931, national variants), SS7-ISUP optional (Q.767), QSIG-BC, E1/T1, TE/NT, CRC4/double frame
BRI:	Optional
GSM:	Ericsson GM47/48, dual band (900/1800 or 900/1900 MHz), One antenna per four channels
CDMA:	Motorola C18
TDMA:	Supported
IP/Ethernet:	10/100 Base-T, RJ-45
Voice over IP	
Voice Compression:	GSM, G.723.1 (MP-MLQ), G.729a (CSA-Celp), G.711 (PCM)
Fax Support:	Group 3, T38 compliant
Echo Cancellation:	G.168
Signaling:	H323 (Q931, H245, RAS & RTP/RTCP), SIP (optional), QoS (RSVP, DiffServ)
Call Setup:	Either integrated or on external server
Management & Control	
Web-Based Management:	Hardware configuration, online port status and call statistics

Antennas (Optional)	
YAGI:	13dB, high-quality, high-gain directional outdoor antenna with scalable cable from 10-30 m
Omni-directional:	3dB, indoor antenna with 3 m cable
General	
Dimensions:	482 x 266 x 280 mm (84HP x 6U x 280 mm)
Weight:	Minimum 7kg (based on the system configuration)
Housing:	19" rack-mountable
Power:	Max 230VA, 100-240VAC
Certification:	CE
Environmental	
Temperature:	+5°C to +45°C
Humidity:	5% to 95% (non-condensing)

Note: technical data is subject to change without prior notice.

