

# 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	
<b>PRI:</b>	DSS1 (Q.931, national variants), SS7-ISUP optional (Q.767), QSIG-BC, E1/T1, TE/NT, CRC4/double frame
<b>BRI:</b>	Optional
<b>GSM:</b>	Ericsson GM47/48, dual band (900/1800 or 900/1900 MHz), One antenna per four channels
<b>CDMA:</b>	Motorola C18
<b>UMTS:</b>	Motorola 3G mobile phones C975 and E1000
<b>IP/Ethernet:</b>	10/100 Base-T, RJ-45
Voice over IP	
<b>Voice Compression:</b>	GSM, G.723.1 (MP-MLQ), G.729a (CSA-Celp), G.711 (PCM)
<b>Fax Support:</b>	Group 3, T38 compliant
<b>Echo Cancellation:</b>	G.168
<b>Signaling:</b>	H323 (Q931, H245, RAS & RTP/RTCP), SIP (optional), QoS (RSVP, DiffServ)
<b>Call Setup:</b>	Either integrated or on external server
Management & Control	
<b>Web-Based Management:</b>	Hardware configuration, online port status and call statistics
Antennas (Optional)	
<b>YAGI:</b>	13dB, high-quality, high-gain directional outdoor antenna with scalable cable from 10-30 m
<b>Omni-directional:</b>	3dB, indoor antenna with 3 m cable
General	
<b>Dimensions:</b>	482 x 266 x 280 mm (84HP x 6U x 280 mm)
<b>Weight:</b>	Minimum 7kg (based on the system configuration)
<b>Housing:</b>	19" rack-mountable
<b>Power:</b>	Max 230VA, 100-240VAC
<b>Certification:</b>	CE
Environmental	
<b>Temperature:</b>	+5°C to +45°C
<b>Humidity:</b>	5% to 95% (non-condensing)

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



  
**Hypermedia**  
Systems Ltd.

[www.hyperms.com](http://www.hyperms.com)

[info@hyperms.com](mailto:info@hyperms.com)

10 Hamelacha St.,  
Lod, 71520, Israel  
Tel: +972-8-9215001  
Fax: +972-8-9212835