Voice Gateways
HG-3000/3U — PRI-GSM Gateway

Connect your PBX to your GSM mobile network and cut your telephone bills

HG-3000/3U PRI-GSM Gateway

About Hypermedia Systems Ltd.

Hypermedia Systems Ltd. develops and markets next-generation telecommunication products. Optimized for medium-to-large enterprises, our products create ways for companies to upgrade current telecommunication systems while leveraging their existing telecom investment.

sales@hyperms.com
info@hyperms.com

Benefit from low GSM VPN Rates

Introduce new cost-saving equipment and reduce telephony costs. The HG-3000/3U provides an alternative , low-cost channel for routing all PBX fixed-to-mobile and mobile-to-fixed calls directly via the cellular networks.You reduce telephony costs by eliminating interconnection charges between fixed to mobile networks and by maximizing the low mobile-to-mobile VPN business call rates.

Increase Savings with Advanced LCR

Least Cost Routing maximizes available resources according to the specific needs of the enterprise. The HG-3000/3U LCR functionality and routing groups smartly route calls based on rules created by the administrator. This results in per-call routing. In contrast, without LCR, all call routes are fixed.

Leverage Existing Telecom Investments

Connect the HG-3000/3U directly to the current LAN infrastructure—as is. The HG-3000/3U connects directly to the E1/T1 ISDN PRI interface of the PBX, enabling the PBX to connect directly to the cellular networks. You benefit from low cost implementation and then enjoy cost-effective routing of incoming and outgoing cellular calls.

Business Class Quality and Reliability

High quality of service assures satisfied callers. Reliable and robust, the Hypermedia's HG-3000/3U gateway makes PRI GSM calls easy and comfortable. The digital interface offers fast call connection, superior voice quality and continuous line availability.

Grow with Ease

Given the system's flexibility, modularity and scalability, the HG-3000/3U Gateway can easily be expanded to meet growing call traffic requirements. You will not need to replace equipment or learn new dialing rules. Instead, you simply add to, or reconfigure, the existing equipment.

Hypermedia

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Hypermedia HG-3000/3U System Specifications:

Interfaces & protocols

ISDN and VoIP interfaces are optional add-ons

PRI:	DSS1 (Q.931 , national variants), E1/T1, TE/NT, CRC4/double frame
BRI:	Euro-ISDN
GSM:	Sierra Wireless Q26 / Telit GE910
CDMA:	Sierra Wireless Q26 / Telit CE910
UMTS:	Sierra Wireless Q26 / Telit HE910
IP/Ethernet:	10/100 Base-T, RJ-45

Voice over IP

Voice compression:	G.723, G.729, G.711
Echo cancellation:	G.168
Signaling:	H.323 or SIP
QoS:	RSVP, DiffServ

Management & Control

Web-based management

Antenna

Omni-directional: 3dB, indoor antenna with a 3m cable one antenna per four channels

General

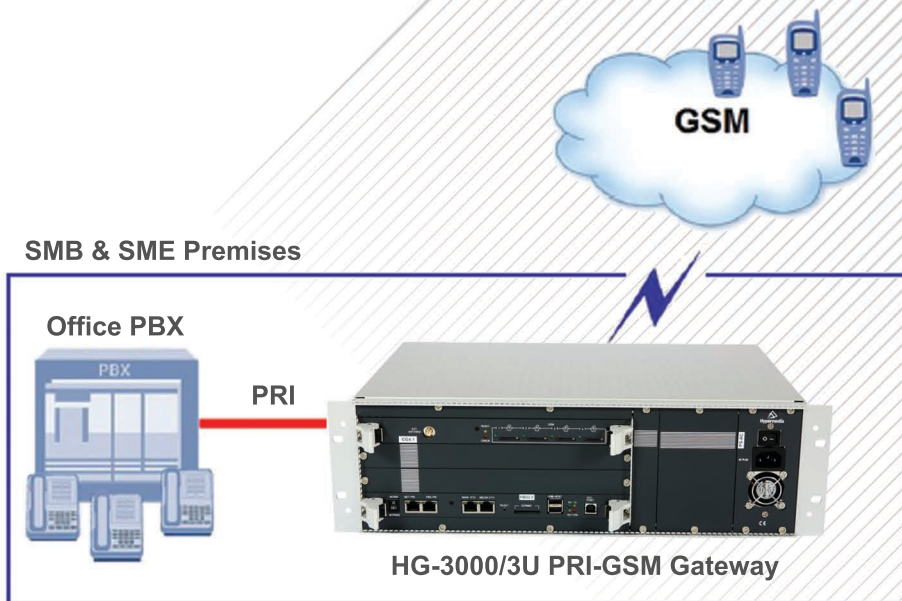|	
Dimensions:	482x133x280mm (84HPx3Ux280 mm)
Weight:	Minimum 7kg (based on the system configuration)
Housing:	19" rack-mountable
Power:	Max 230VA, 100-240VAC
Environmental temp:	+5℃ to +45℃
Humidity:	5% to 95% (non-condensing)

Note: Technical data is subject to change without prior notice

HG-3000/3U topology

The HG-3000 connects the office's PBX and the GSM network and eliminates interconnection charges between fixed and mobile networks.

GSM

SMB & SME Premises

Office PBX

PBX

PRI

HG-3000/3U PRI-GSM Gateway

Highlights

• Compatible with all ISDN PBXs

• Fast and easy installation: Add-on appliance

• Scalable: from 4 to 12 simultaneous calls

• Advanced Least Cost Routing

• Customer Premises Equipment (CPE)

• Fast Return on Investment (ROI)

• Supports Callback and DISA for Remote Workers

• Easy, browser-based configuration and management

• Supports an optional VoIP interface