

Voice Gateways

HG-2000/3U — Quad BRI Gateway

Connect to the GSM mobile network and maintain your BRI connection to the PSTN



HG-2000/3U Quad-BRI 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.

Reduce Telephony Expenses

Introduce new cost-saving equipment and reduce telephony costs. For example, eliminate the expense of international calls placed from mobile phones. The HG-2000/3U eliminates local and international interconnection charges between fixed and mobile networks and capitalizes on mobile-to-mobile rates.

Increase Savings with Advanced LCR

Least Cost Routing maximizes available resources according to the specific needs of each enterprise. The HG-2000/3U 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 Investment

Connect the HG-2000/3U directly to the current telephony infrastructure—as is. SMBs and SMEs benefit from low cost implementation and then enjoy cost-effective routing of incoming and outgoing cellular and land-line calls.

Business Class Quality and Reliability

High quality of service assures satisfied callers. Reliable and robust, the Hypermedia's HG-2000/3U gateway makes BRI 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 Quad BRI – GSM 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.

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Hypermedia HG-2000/3U 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: 482x133x280 mm
(84HPx3Ux280 mm)

Weight: Minimum 7kg
(based on the system configuration)

Housing: 19" rack-mountable

Power: Max 230VA, 100-240VAC

Environmental temp: +5°C to +45°C

Humidity: 5% to 95% (non-condensing)

Note: Technical data is subject to change without
prior notice

HG-2000/3U topology

In this configuration, the HG-2000 expands the functionality of the PBX by enabling cost-saving on Fixed to Mobile calls.



In this configuration, the HG-2000 is connected using ISDN BRI links "between" the PSTN and the PBX. This allows full deployment with no PBX re-configuration or installation of additional BRI ports at the PBX. Once again, cost-saving on Fixed to Mobile calls is achieved.



Highlights

- Multiple BRI ports
- Fast and Easy Installation: Add-on appliance
- Scalable: from 4 to 8 GSM channels
- Advanced Least Cost Routing
- Customer Premises Equipment (CPE)
- Fast Return on Investment (ROI)
- Supports Callback and DISA for Remote Workers
- Easy, centralized browser-based configuration and management
- Supports an optional VoIP interface