

Voice Gateways

HG-4000/6U — VoIP-GSM Gateway

Heavy-duty, multi-channel, cost-efficient gateway connects your VoIP and GSM networks



HG-4000/6U VoIP-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.

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Reduce Inter-office Communication Costs

Improve the quality of service with a robust and reliable centralized in-house system. Hypermedia's HG-4000 6U gateway provides superior voice technology for connecting IP-based telephone systems to GSM or CDMA networks and makes VoIP GSM calls easy and comfortable. An ISDN-PRI interface is also available.

Supply Mobility Extension

Introduce new cost-saving techniques and reduce telephony call costs. For example, eliminate the expense of international calls placed from mobile phones. The HG-4000 6U reduces interconnection charges between fixed and mobile networks and capitalizes on mobile-to-mobile rates.

Seamless Integration and Easy Growth

Given the system's flexibility, modularity and scalability, the VoIP 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.

Create New Business Opportunities

Start a new telecom business with minimum investment. Hypermedia's HG-4000 6U gateways are the ideal solution for anyone looking to create new business opportunities

Expand Your Audience of Target Users

HG-4000 6U VoIP GSM Gateways are optimized for high volumes of call traffic. They are suitable for:

- Large enterprises and organizations
- Alternative carrier and service providers
- Call traffic terminators
- Telecom equipment distributors and resellers
- System and call-center integrators



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Hypermedia HG-4000/6U 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: 482x266x280 mm
(84HPx6Ux280 mm)

Weight: Minimum 7kg

(based on the system configuration)

Housing: 19" rack-mountable

Power: Max 230VA, 100-240VAC

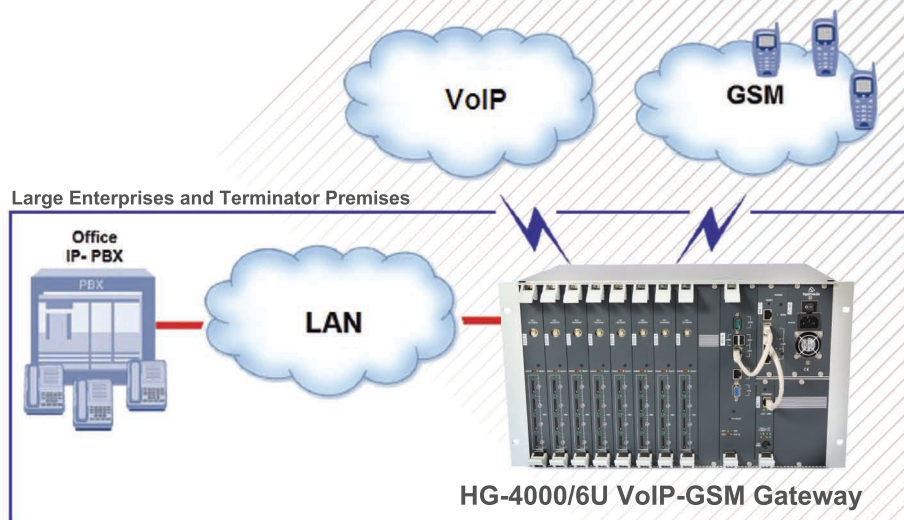
Environmental temp: +5°C to +45°C

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

Note: Technical data is subject to change without
prior notice

HG-4000/6U topology

The HG-4000/6U connects the mobile network and the VoIP network enables you to save on expensive mobile to mobile calls.



Highlights

- Multi-SIM — 4 SIM cards per channel
- Remote SIM card re-charging
- Carrier-grade gateway, perfect for large enterprises, organizations and alternative providers
- Scalable: from 8 to 72 cellular channels
- Remote, web-based management
- Supports optional ISDN-PRI interface
- Supports optional Hypersavings suite
- Embedded LAN/WAN router with NAT-enabled firewall
- Supports SIP and H.323
- Single point-of-contact for service