

ISDN BRI GSM Gateway HG-212

Optimized for small and medium sized companies

Product Overview

The ISDN BRI GSM Gateway HG-212 introduces new techniques for reducing telephony call costs and getting more out of the PBX.

The HG-212 gateway provides superior voice technology for connecting legacy PBX and IP-PBX systems with BRI interfaces to GSM networks. This ISDN BRI GSM Gateway connects directly to the PBX's BRI interface, enabling the PBX to link to the GSM network in the most direct way.

Reducing GSM Call Costs

The BRI GSM Gateway provides an alternative, low-cost channel for routing all PBX fixed-to-mobile and mobile-to-fixed calls directly via the cellular networks, saving on PSTN-to-GSM costs by:

- Eliminating interconnection charges between fixed and mobile calls
- Maximizing the VPN's low mobile-to-mobile business call rates.

Target Users

Optimized for businesses, the HG-212 ISDN BRI GSM Gateway provides integrated voice communications for both onsite and remote users, opening up new business opportunities for:

- PBX distributor
- Telecom equipment resellers
- Telecom equipment installers
- Telecommunication consultants

Key Benefits

- Direct PBX to GSM connection
- Fast return on investment (ROI)
- 2 x ISDN voice channels
- 2 x integrated GSM ports (worldwide use)
- NT or TE interface
- Compatible with all ISDN PBXs
- Heavy-duty operation
- Pre-defined MSN
- Fast and easy installation



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ISDN BRI GSM HG-212 gateway specifications:

Power supply

Supply voltage (secondary)	12V DC
Supply current	2 A max.
Operating temperature	0 °C to 40 °C
Standards	Full CE

ISDN specifications

Line interface	BRI – S/T point reference (indoor only)
Type	NT or TE
Protocol	Euro ISDN
Connector type	RJ-45
Dial tone	400 Hz \pm 1%

GSM channel specifications

Cellular interface	Wavecom GSM module
Networks supported	Dual-band 900/1800 or 850/1900
Standards	Conforms fully to GSM phase 2+

Antenna

Antenna gain	Antenna gain – 2.5dB
Antenna connector	FME or SMA

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

System Highlights:

- Two voice channel ISDN BRI interface
- Gain adjustment for transmission and reception
- Network lock
- BRI can be programmed as NT or TE
- Compact and well-designed
- Heavy-duty operation
- Toll restriction