



# KMG GSM 320

Media gateway GSM, E1 and VoIP



- 32 Interfaces GSM
- 2 SIM Cards of any operator by channel, one active the other standby
- Allows different operators in the same module
- Interface GSM Quad Band: 850/900/1800/1900 MHz
- Handles the dispatch and receipt of SMS messages
- Receives confirmation of delivery of SMS
- DSPs for audio processing
- Cancellation of echo by hardware

The new KMG GSM 320 is a media gateway which allows the integration between GSM, VoIP and TDM Digital E1 networks, providing the management of routes of lower cost with fallback, automatic overflow, inquiry by portability as well as a powerful call classification resource.

The KMG GSM 320 has a robust hardware unit, which includes DSPs dedicated to treatment of critical tasks of telephony and cancellation of echo. These resources work together to provide a great capacity of processing calls, with high quality audio.

## Call Classification\*

The call classification resource allows the gateway to identify if the remote answerer is a person or a machine, or also if the call was intercepted by the operator, passing to the dialer only calls of interest, as well as indicating information about the calls which were rejected.

\* *Optional item.*





## Greater signal gain

The KMG GSM can be equipped with an internal antenna combiner, the Kombiner\*, which concentrates the signals of several channels into a single external antenna. This antenna can be installed in the external area of buildings allowing the user to optimize the dB gain in the GSM signal.

\* *Optional item.*

## Features and Benefits:

### KMG GSM

- 2 SIM Cards of any operator by channel, one active, the other standby
- Allows different operators in the same module
- Interface GSM Quad Band: 850/900/1800/1900 MHz\*
- Inquires about numerical portability with local database
- Automatic rotation of SIM cards (configurable)
- Control of consumption of minutes of SIM cards (configurable)

\* *Optional: six band modem (800/850/900/1700/1900/2100).*

### Support for Trunks

- 1 or 2 Links E1 with support for R2D or ISDN (in model KMG GSM 320)
- Transcoding and T.38

### Hardware

- Display LCD 16x2
- DSPs for audio processing
- Echo cancellation by hardware
- Integrated antenna combiner (optional)\*

### Monitoring, diagnosis and management by Web Interface

- Analysis of signaling and diagnosis of E1 links (R2 and ISDN)
- Supports SNMP
- Viewing of channel status by Web
- Call counters by channel
- Monitoring of occupation by channel
- Monitoring of minutes used by SIM Card

### Call Classification

- Identification of call by human attendance or intercepted by fax, PO box, etc.
- Audit of call classification with recordings
- Allows creating actions in accordance with call classification
- CDR in customizable format and download of CDR files by FTP

### Call routing:

- Selection of routes through source IP address
- Creation of routes with prioritization
- Route loyalty creator (allows changing target number)
- Configurations of alternate routes (automatic overflow and fallback)
- Forwarding based upon numerical portability inquiry
- Call routing by time
- Routing based upon target number, source number, source link or source IP
- Possibility of analysis through CDR files





### Warranties and Certifications

- Factory warranty: 1 year
- Anatel certification
- Company certified by ISO 9001:2008

*\* Optional items lead to additional costs.*

### Other Images:



*Open front view for changing SIM cards*



*Rear view.*

