

# ETERNITY GE

## Analog GSM Gateways

The Matrix ETERNITY GE Analog Gateway enables a direct link between a telephone system and the mobile network. It provides a company with low cost office to mobile communications or basic telephone lines when a landline connection is not available.

Designed for high traffic users where multiple lines are required, the Analog Gateway replaces the need for multiple fixed wireless terminals.

The ETERNITY GE supports either analog connectivity to a phone system.

Complete with innovative management features such as call routing according to prefixes, timetables, number of calls, port hunting, grouping and a powerful detailed call logging facility.

These features allow the user to take advantage of the lowest mobile tariffs available.

Let Matrix ETERNITY GE add a competitive edge to your business by reducing telephone costs!



### ■ Applications of ETERNITY GE



### ■ Features

- ▶ 4 or 8 Channel Models
- ▶ GSM 850/900/1800/1900
- ▶ Easy Installation
- ▶ Analog Connectivity
- ▶ Intelligent LCR Software

### ■ ETERNITY GE Configuration



3S Chassis

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## Analog GSM Gateways

### TECHNICAL SPECIFICATION

GSM Band (MHz)	: Quad Band: GSM 850, EGSM900, DCS1800, PCS1900
Compliant	: ETSI GSM Phase 2/2+
Sim Card	: One SIM per GSM Port
SIM Interface	: 1.8V, 3V
Transmission Power	: Class 4 (2W) at GSM850 and EGSM900 MHz bands : Class 1 (1W) at DCS1800 and PCS1900 MHz bands
RF Sensitivity	: Better than -106 dBm
External Antenna Port	: 2.5dBi, 50 ohms, SMA Male Connector
Speech Gain (Transmit and Recieve)	: Programmable

### GSM MODELS

Model	PRI Connection	GSM Channels	Chassis	Cards
<b>GE04P</b>	1	4	3S	1 x DKP, 8 x SLT, 1 x GSM4
<b>GE08P</b>	1	8	3S	1 x DKP, 8 x SLT, 2 x GSM4

### Power Supply

Input	: (Mains): 90-265 VAC, 47-63 Hz
Power Consumption (Typical)	: EternityLite6S - 30 W, EternityLite12S - 50 W

### Mechanical

Dimensions (W x H x D)	: 6S - 26.0x14.2x24.4 cm : 12S - 48.4x14.2x24.4 cm
Chassis Weight	: 6S - 3.5 kg : 12S - 6.5 kg
Volumetric Weight	: 6S - 6.5 kg : 12S - 9.5 kg
Installation	: 6S - Table Top : 12S - Table Top, 19" Rack (Opt.)

### Environment

Operating Temperature	: -10°C to +50°C
Operating Humidity	: 5-95% RH, Non-Condensing
Storage Temperature	: -40°C to +85°C
Storage Humidity	: 0-95% RH, Non-Condensing