



Low Cost Analog GSM Gateway with Advanced Features

- Dramatic cost savings
- Voice, Data (GPRS, CSD), SMS and PC FAX transmission
- Connection to GSM networks for PBX or phone set
- GGMC (GSM Gateway Monitoring Centre)

2N EasyGate

Low Cost Analog GSM Gateway with Advanced Features

2N EasyGate is a one-channel analog GSM Gateway providing a cost-effective way of communication by giving the user an opportunity to save costs of calls to GSM networks. It is intended for small and medium size companies.

If connected to a PBX and a PC (LAN), EasyGate can be used for Voice, Data through GPRS, SMS and PC Fax transmission.

A maximum emphasis was put on sound quality, reliability and long lasting performance during the EasyGate construction. Thanks to FSK, you can see the calling party number on your telephone display.

EasyGate enables all LAN users to send and receive SMS messages - with 2N network application - the SMS server. The delivery status of any message can be obtained automatically.

The GPRS connection enables e-mail communication and Internet browsing. It is often used as a back-up Internet connection for small offices or as a primary Internet connection on boats or in distant areas.

There is also one universal input in the gateway (see the green connector in the picture). This means that the gateway can send predefined SMS units after activation by an external signal.

This analog GSM gateway can be applied in areas with no PSTN lines or power supply networks as it may be supplied from any 12V battery, which makes the device fully mobile. EasyGate can be installed within a few minutes and its installation requires no special technical skills.

Newest features:
GGMC – GSM Gateway Monitoring Centre
Automatic SMS when credit on SIM is low

Wireless
Modules
by Siemens
embedded

Technical Support
FREE
OF CHARGE

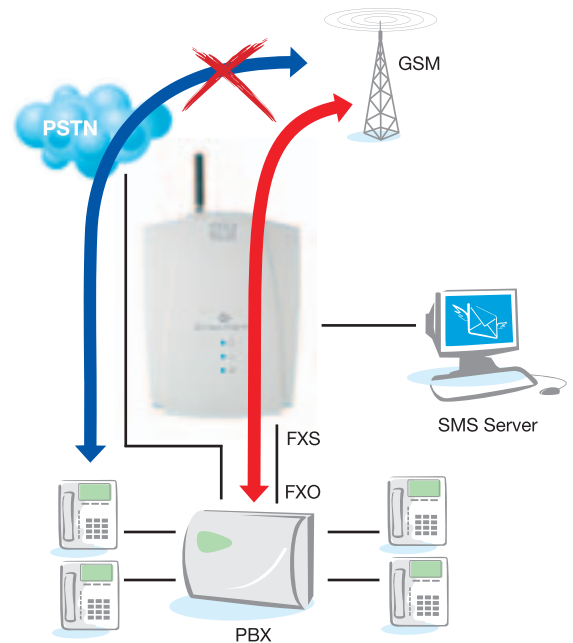
WARRANTY
2
YEAR



2N EasyGate

Features:

- 2-wire, FXS interface (for analog phone or PBX CO line)
- SMS Server for SMS sending & receiving
- Serial port for GPRS/CSD connection
- PC FAX sending & receiving
- 12V power supply
- ETSI FSK – you can see the calling number on your telephone display
- Automatic SMS sending activated by external signal
- SMS informing of low credit in prepaid cards
- GGMC (GSM Gateway Monitoring Centre)
- Baby call feature (automatic call without dialling)
- Dialed number restriction, evaluation and modification
- Worldwide use (all frequencies are supported) *



Item description	Part No.
2N EasyGate - TriEuro (900/1800/1900 MHz)	501303E
2N EasyGate - TriUS (850/1800/1900 MHz)	501306E
EnergyBank backup power supply	501399E

Technical parameters

GSM	
GSM network type	900/1800/1900 MHz, 850/1800/1900 MHz
GSM modules	Siemens MC45; Siemens MC46
SIM card	3V and 1,2 V
Transmitter output power	max. 2 W
Receiver sensitivity	-104 dBm
Supported connections	
Voice call	
CSD data connection	
GPRS class 10 data connection on triband versions	
Sending and receiving of SMS messages	
PC fax support (not for analog faxes)	
Antenna	
Connector type	SMA
Impedance	50 Ω
Power supply	
Adapter	100-240V/12V; 0,5 A
Possibility to connect external voltage 10-16V (accumulator 12V)	
Consumption by power supply 12V	
Stand-by consumption	70mA
Typical power consumption during a call	200mA
Maximal power consumption during a call	300mA

Line interface	
Tariff pulses	16/12kHz
Interface type	2-wire, FXS for CO line of PBX
Connector type	RJ12, 6/2
Line impedance	600 Ω
Off-hook voltage	24V DC
Maximal line current (short-circuit)	40mA
Ringing voltage	42 Vef, 50Hz (25Hz is version is possible)
Supported dialling modes	DTMF and Pulse
Identification of calling party	transmission of a CLI in ETSI FSK standard during ringing
Answer supervision via polarity reversal	
Data interface	
Data interface	RS232
Connector	D-Sub 9, female
Transmission rate	9600-115200 bit/sec, autobauding
Other	
Dimensions	170x130x45 mm
Operating temperature	0 - 45 °C
Signalling of actual status	3x LEDs - Power, GSM network connection, line status

* depends on the GSM engine type