

# SPECIFICATIONS



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## 5IG-161 GSM500 GD

### DESCRIPTION

GSM gateway with built-in backup batteries

### IMAGE



### FUNCTIONS

Voice calls  
DTMF local programming  
SMS remote programming  
Caller number display service  
CLIP / CLIR  
Roaming service management  
SIM card expiration control (notification via SMS)  
Battery check (low/dead/replaced battery notification via SMS)  
External power failure control (failure/restore notification via SMS)  
Periodic test  
Signal level check via local telephone or via SMS  
Automatic converter of selected telephone number  
Programmable telephone line voltage

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Adjustable reception and transmission levels  
Customizable timeout of post dialing  
Automatic country setting  
Automatic reboot under prolonged GSM signal absence  
Remote reboot  
Firmware update OTA (via GPRS)

### TECHNICAL FEATURES

GSM/GPRS module: **QUAD-BAND**  
Transmission power: **1 W at 1800/1900 MHz, 2 W at 850/900 MHz**  
GSM signal indicator LED: **green**  
GSM signal indicator flash: **1, 2, 3 or 4 for low, medium, good, high signal level**  
Status indicator LED: **red**  
Line status indicator LED (FXS output: clear, engaged, ring): **white**  
Power supply status indicator LED: **blue**  
SIM card slot: **2FF, built-in**  
Telephone line connection: **terminal block or connector RJ-11**  
Antenna connector: **SMA/f**  
Antenna: **magnetic base antenna with cable (2 m) and SMA/m connector**

### POWER SUPPLY

Power supply: **from 10 V to 17V (dc)**  
Power supply input: **terminal block 12 Vdc / input for 230 Vac external adapter**  
Back up battery: **NiMH 800 mAh 7,2 V**  
Expected operation time with a new battery in idle state: **8 hours**  
Expected operation time with a new battery in conversation state: **2 hours**

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### ABSORPTIONS

Power supply	10 Vdc	12 Vdc	13,8 Vdc	10 Vdc	12 Vdc	13,8 Vdc
	(back up battery not connected)			(back up battery connected)		
Telephone handset hung up	30 mA	30 mA	25 mA	40 mA	60 mA	50 mA
Telephone handset lifted	90 mA	80 mA	70 mA	100 mA	105 mA	90 mA
Conversation	130 mA	115 mA	110 mA	140 mA	135 mA	130 mA

### OTHER DATA

Dimensions (antenna not included): 140x96x28 mm

Weight: 210 g

Ingress Protection Code: IP30

Operating temperature: -10 °C to +60 °C

Relative humidity: 20% to 80%

### COMES WITH

GSM500 GD

Antenna: magnetic base antenna with cable (2 m)

External adapter: 230 Vac 50 Hz / 12 Vdc 500 mA

Telephone connection cable: 2 m

Screws

User manual