

# SPECIFICATIONS



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## 5IG-250 4G.VoLTE CAN

### DESCRIPTION

4G LTE/UMTS/GSM gateway with female DB-9 connector for data transmission and SMS/e-mails forwarding

### IMAGE



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### FUNCTIONS

Voice calls

Data transmission (RS-232, RS-485 or CAN-bus standards)

E-mails transmission by devices wired into the DB-9 connector under RS-232, RS-485 or CAN-bus standard

Text messages transmission by devices wired into the DB-9 connector under RS-232, RS-485 or CAN-bus standard

Forwarding of received SMS to devices connected to the DB-9 connector under RS-232, RS-485 or CAN-bus standard

Local programming via telephone (DTMF tones)

SMS remote programming

Reading of programming codes via SMS

Data connection and voice call simultaneously

3G/2G fallback

Caller number display service

Automatic country setting

CLIP / CLIR

Roaming service management

SIM card expiration control

Battery check (low/dead/replaced battery notification via SMS)

External power failure control (failure/restore notification via SMS)

4G LTE/UMTS/GSM network check (restore notification via SMS)

Relay-based notification of external power failure

Relay-based notification of 4G LTE/UMTS/GSM network loss

Periodic test

Automatic converter of selected telephone number

Signal level check via local telephone or via SMS

Advanced device and radio cell parameters check

Programmable telephone line voltage

Adjustable reception and transmission levels

Customizable timeout of post dialing

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Automatic reboot under prolonged 4G LTE/UMTS/GSM signal absence

Remote reboot

Firmware update OTA

### TECHNICAL FEATURES

Module: 4G LTE/UMTS/GSM

4G bands: B1, B3, B7, B8, B20, B28A (2100-1800-2600-900-800-700 MHz)

3G bands: B1, B3, B8 (2100-1800-900 MHz)

2G bands: B3, B8 (1800-900 MHz)

LTE Cat 1

4G LTE/UMTS/GSM signal indicator LED: green

4G LTE/UMTS/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; connection to 4G network) / Data transmission indicator LED: white

Power supply status indicator LED: blue

SIM card slot: 2FF, built-in

Telephone line connection: terminal block or connector RJ-11

Relay input: 24V 1A

Female DB-9 connector for data transmission (RS-232, RS-485 and CAN-bus standard)

Antenna connector: SMA/f

Antenna: magnetic base antenna with cable (2 m) and SMA/m connector

Power adapter: input 230 Vac 50 Hz; output 12 Vdc 500 mA

### POWER SUPPLY

Power supply: from 10 V to 17V (dc)

Power supply input: terminal block 12 Vdc / jack 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

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Expected operation time with a new battery in conversation state: 1 hour

### DIMENSIONS

Dimensions (antenna not included): 140x96x28 mm

Weight: 220 g

### ABSORPTIONS

Power supply	12 Vdc	12 Vdc
	(back up battery not connected)	(back up battery connected)
Telephone handset hung up	40 mA	60 mA
Telephone handset lifted	80 mA	100 mA
Conversation	130 mA	150 mA
Data transmission	90 mA	110 mA

### COMES WITH

4G.VoLTE CAN gateway

Antenna: magnetic base antenna with cable (2 m)

Adapter 230 Vac / 12 Vdc

Screws

User manual