

# SPECIFICATIONS



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## 5CT-071 GSM500.net

### DESCRIPTION

GSM gateway with female DB-9 connector for data transmission (through standard RS-232/RS-485/CAN-bus) and SMS forwarding (through standard RS-232/CAN-bus)

### IMAGE



### FUNCTIONS

Voice calls

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

Incoming text messages transmission towards devices wired in the DB-9 connector under RS-232 standard

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

DTMF local programming

SMS remote programming

Caller number display service

CLIP / CLIR

Roaming service management

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

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

Signal level check via local telephone or via SMS

Automatic converter of selected telephone number

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Programmable telephone line voltage  
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) / 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  
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 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 (not supplied)  
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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## DIMENSIONS

Dimensions (antenna not included): 140x96x28 mm

Weight: 220 g

## 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
Data transmission	75 mA	60 mA	55 mA	85 mA	80 mA	75 mA

## COMES WITH

GSM500.net module

Antenna: magnetic base antenna with cable (2 m)

Telephone connection cable: 7 m / 4-way

Screws

User manual