

# Remote Monitoring Terminal

GaMicos

## GRT102

### PRODUCT OVERVIEW

GRT102 is a 4G wireless remote monitoring terminal with 3-channel analog input, which can be used for real-time remote monitoring in industry, agriculture, environment, civil, etc., the convenient network access method and accurate measurement make it have a wide range of application prospects. With the rise of mobile Internet, data can be viewed or analyzed remotely through mobile devices and computers.

GRT102 adopts totally a new modular design concept, which has better compatibility and scalability, making it easier to upgrade and use subsequent products. It has two types of analog signals: 4~20mA and 0~5V, and adopts a 24bit AD chip with an accuracy level of 0.1. The voltage and current acquisition circuits use independent processing circuits to ensure data independence and stability.



### PRODUCT CHARACTERISTICS

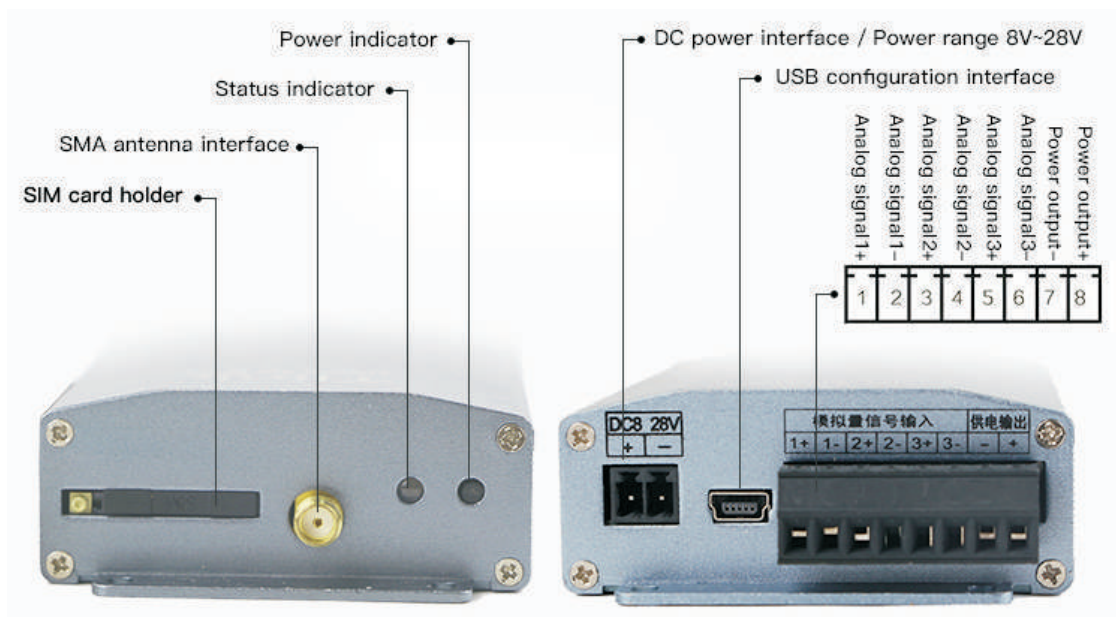
- 4G wireless signal transmission, no on-site wiring required;
- Multi-parameter input, pressure, temperature, liquid level, flow, etc.
- Multi-channel, maximum 3-way sensor parameter access
- Real-time alarm and remote setting
- PC (monitoring platform) and mobile data application (APP);

### PRODUCT APPLICATION

Model	GRT102
Channels	3-way 4-20mA/3-way 0-5V
Input	4-20mA/0-5V
Output	Wireless+ 1 channel power supply /wireless + 1 channel alarm
Power supply	8-28V (Recommended 24V)
Accuracy	0.1%
Operating temperature	-35~70℃
Environmental humidity	≤95%
Wireless transmission mode	4G

## Product port function introduction

1. 3-way analog input interface: support 4~20ma, 0~5V,
2. One channel output: Divided into alarm output and power output, they are the same port, and the functions can be selected from one of two,
3. DC power supply interface: wide voltage power supply, the range from +8V~+28V DC,;
4. USB configuration interface: Used to connect to the host computer configuration tool;
5. SIM card holder: Phone card,
6. SMA antenna interface: 4G antenna;
7. Power button: Long press to restart the device; Status indicator: green lights are always on in normal conditions. 6 colors are displayed, the operating status of the equipment can be analyzed based on the color.



## Connection diagram

