

## Document Name: Specification sheet for GPRS Serial router - GS100



GS100 is used for remote monitoring of field equipments via GPRS network. It can work on 2G/3G networks and provides reliable data connection between central monitoring software and remote field device. It is designed to be used in industrial applications and operates on 24V DC power supply. It can also support industry popular protocols such as MODBUS RTU for capturing data from field equipment and make it available to SCADA systems.

### General Specifications:

- Transparent data transmission over GPRS link to serial port.
- It is an intelligent modem and connects by itself to external server using static IP.
- Self-embedded with integral PPP & TCP/IP protocol stack.
- Local or Remote configuration
- RTC support (battery backed)
- Robust design with DIN rail mounting and wall mounting enclosure
- Industrial Power Terminal block for 18V ~ 36V DC ( range ) operation
- One console port ( RS232 ) for local configuration, One RS232 or RS485 port
- Customized protocol support possible on request

### GS100 Accessories:

- Antenna : SMA Connector. High Gain Antenna's available as option.
- SIM & Holder : Push Type
- Power supply : Screw type connector with +24V DC, 1A supply.  
External 230 AC adapter, 24V DC, 1A
- RTU Interface : Screw type connector.

### Environmental Conditions:

- Operating Temperature : -25° to 80°C.
- Relative Humidity : 90 % Rh non condensing.

### Mechanical:

- Enclosure : Metallic Enclosure with DIN rail and wall mounting.
- Dimension : 33 x 116 x 119 mm (only enclosure)
- LED Indication : 1 Power ON, 2 Rx, 2 Tx, 3 LED's for network status.

### Ordering Information:

Sr. No.	Ordering Part number	Description
1	GS100-232	RS232
2	GS100-485	RS485