



Features:

- Can connect RS232/485 data to network server via GPRS.
- Industrial grade design: 9 ~ 24V power supply. Can be powered by 24V of industrial cabinet.
- Provide optional 2-wire terminal power supply or plug mode
- Can be equipped with guide installation accessories.
- High cost performance

◆ Description:

ITT-SR-1RS-1FE-SIM is a new type GPRS remote wireless data transmission device launched by ittelecom, it uses embedded design, with embedded TCP/IP protocol stack, meanwhile use powerful microprocessor chip, combined with built-in watchdog, it has stable and reliable performance. The product use 2 band GSM/GPRS module, the working frequency band is EGSM 900MHZ and DCS 1800MHZ. It provides standard RS232/485 data interface, can conveniently connect with devices such as RTU, PLC, IPC, only needs one-time to finish initialization configuration. The user device can establish connections with data center through GPRS wireless network, to realize data full-transparent transmission.

◆ Product features:

- 1) Support user data transparent transmission
- 2) Support connecting data center through fixed IP and dynamic domain name resolution methods
- 3) Support TCP/UDP/SMS three data link communication modes
- 4) Support two working mode: real-time online and data triggering online
- 5) Support TCP/UDP link online to send custom registration packet function
- 6) Support TCP/UDP link sending custom heartbeat packet function
- 7) Support TCP/UDP link offline sending custom deactivation packet function
- 8) Support query and configure device parameter via remote SMS command
- 9) Support up to 115200bps baud rate



◆ Technical Parameters :

• Working Frequency Band	➤ 900MHZ/1800MHZ, GPRS mulit-slot class 10/8,GPRS mobile station class B
• Transmission rate	➤ Dowload highest: 85.6kbpsUplink highest: 42.8kbps ➤ Support PBCCH, Coding schemes CS 1,2,3,4,CSD to 14.4kbps,USSD,PPP-
• SIM card	➤ Voltage: 3V, 1.8V
• working environment	➤ Operating temperature, humidity -40 ~ 85 °C, 5 ~ 95% RH ➤ Storage temperature, humidity -45 ~ 165 °C, 5 ~ 95% RH
• Baud Rate	➤ 1200~115200bps
• Input Voltage	➤ DC9V~ 24V
• Serial Port Type	➤ RS-232/RS-485
• Working Current	➤ Instant Max 1400mA@9V
• Size:	➤ 9.4cm×6.5cm×2.5cm
• Environment	➤ Running temperature-40~85°C ➤ Storage temp-45~125°C ➤ Humidity5~95%RH
• Antenna interface	➤ 50Ω/SMA (Female)