

The GSM – 200 GPRS Modem

DUAL BAND GSM

Supports GSM 900 – 1800 MHz band.

EASY TO INTERFACE

RS232C standard serial communication port.

EASY COMMUNICATION

AT command set, UDP API, CMUX and PPP protocols supported.

FLEXIBLE POWER SUPPLY

9 – 36 VDC wide range input voltage.



The GSM-200 is a true plug-and-play solution that offers a rapid path to adding wireless capability to your system.

It uses the existing Global System for Mobile Communications (GSM) and GPRS (General Packet Radio Services) international communications standard to provide two-way wireless capabilities via GSM services.

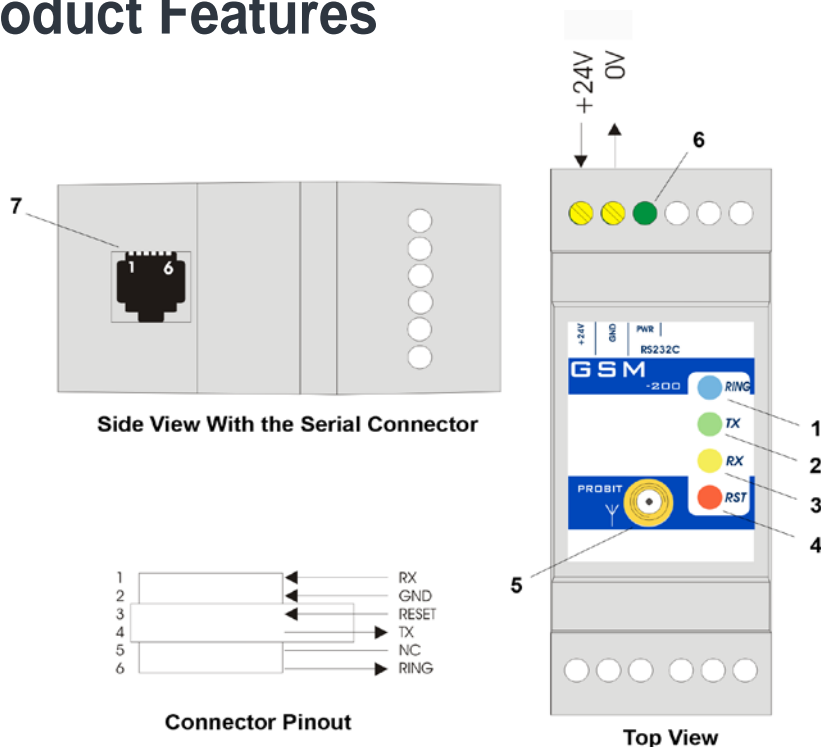
The modem features a high speed RS232C compliant serial port for easy communication with a wide range of hosts and automation systems.

Data and SMS (Short Message Service) communication is easy using the modem's full implementation of the standard AT Command set.

GPRS capability of the GSM-200 modem enables data transfer at higher speed than a regular GSM connection and opens the door to a whole new range of Internet applications.

Users can check the state of their application online and send commands in real time from something as simple as a web browser.

Product Features



Features

1. Ring indicator LED
2. Data Transmit LED
3. Data Receive LED
4. Hardware reset indicator
5. Antenna connector
6. Power ON indicator
7. Data cable connector

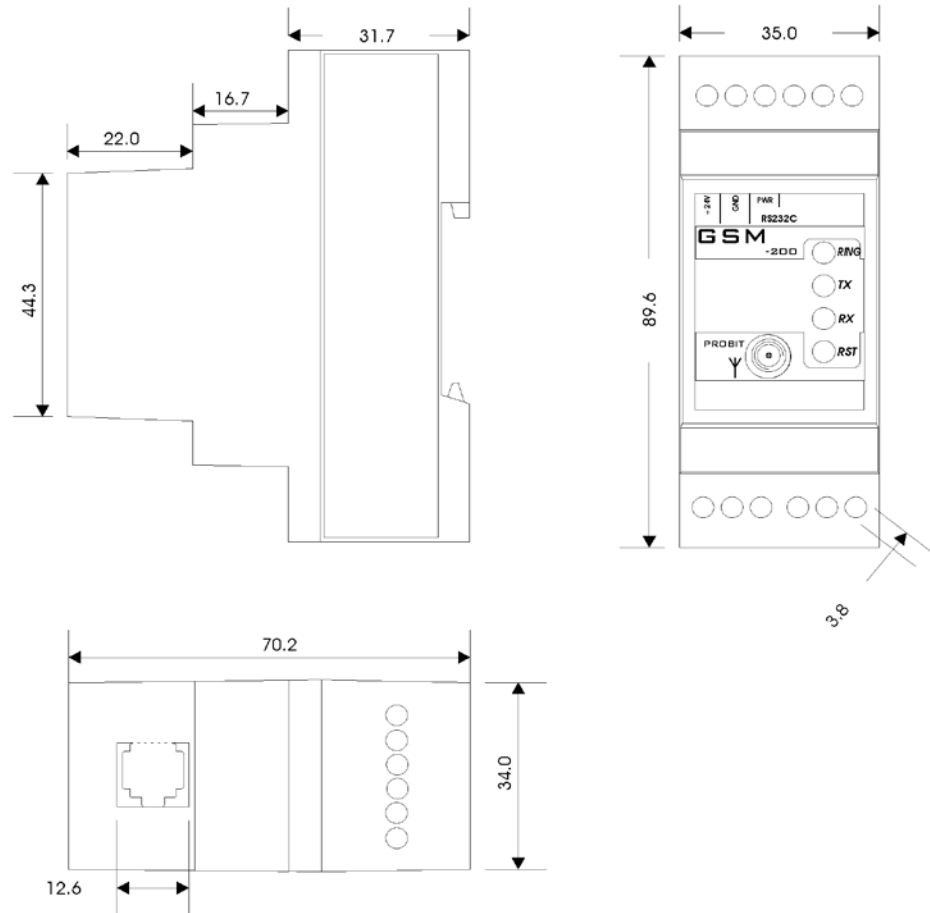
GSM-200 has four built-in indicator LED lamps that show its status at any given time.

The RING indicator lights up intermittently whenever the modem receives an incoming call and switches off when the call is answered or rejected. The RING line is directly linked to it.

The Rx and Tx lamps show data communication state to and from the GSM modem.

The RESET LED shows the current state of the RESET line. Users can perform a hardware reset of the entire modem in the unlikely event of a failed software reset.

Dimensions and Specifications



Technical Specifications

1. Frequency 900/1800 MHz
2. Sensitivity: -106 dBm (typical)
3. Transmit power: 2W @ 900 MHz, 1W @ 1800 MHz
4. Voltage supply: 9 - 36 VDC (24V typical)
5. Average power consumption: 105 mA
6. Peak power consumption: 1.7 A
7. Operating temperature: -5 ... +55 deg C
8. Relative humidity: 5 ... 95 % (no condensation)
9. Host protocols: AT commands, UDP API, CMUX, PPP
10. Internal protocols: PPP, UDP API, TCP API, UDP PAD, TCP PAD
11. API control/ status: AT commands, UDP API, TCP API, AT commands over SMS
12. Physical interface: UART
13. SIM card: 3V SIM internal slot
14. GPRS packet data: Class B, Multislot 10 mode
15. GPRS protocol: GPRS Rel 97
16. Mass 0.1 kg