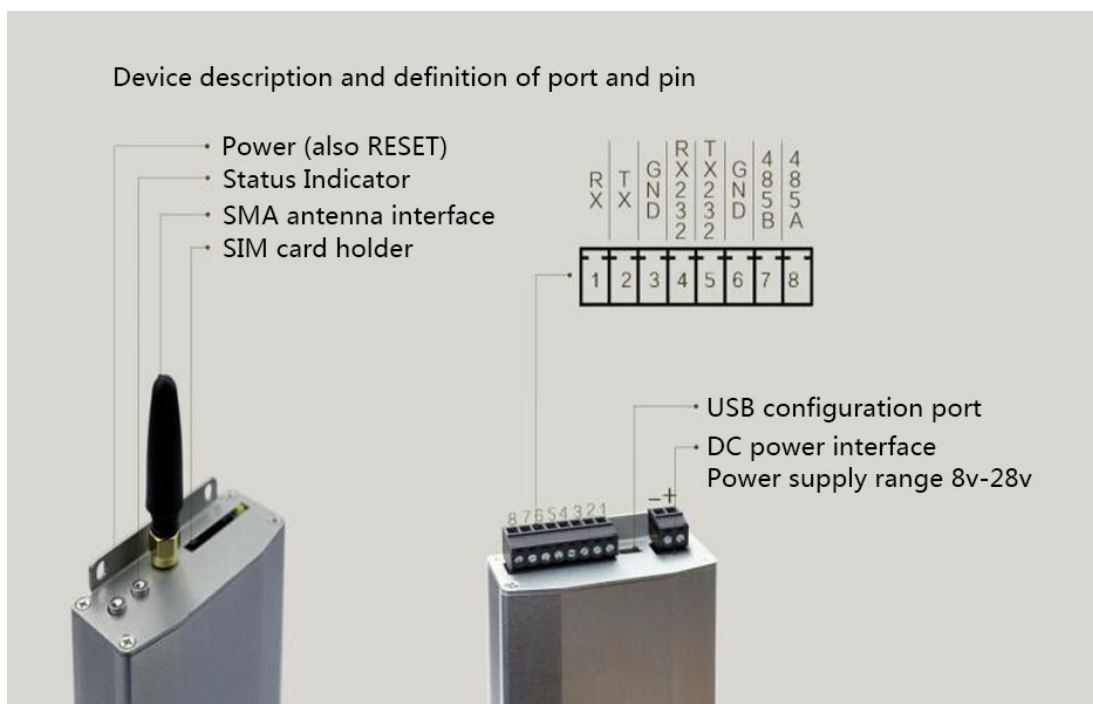# MSR103 Product Profile

Basic Functions

● Industrial-grade IoT wireless data transmission terminal, fully Netcom design

● Support 3 major operators, APN

● Stable and reliable, simple and flexible networking, data transmission delay generally less than 1s

● Three communication interfaces TTL, RS232, RS485 available

● Embedded TCP/IP protocol stack to realize transparent transmission between machines

● Support point-to-point, center-to-multipoint peer data transmission

● Data terminal supports always online working mode

● Support automatic reconnection and automatic restart when disconnected

● Support remote SMS query of configuration parameters, remote device restart, remote configuration of device parameter
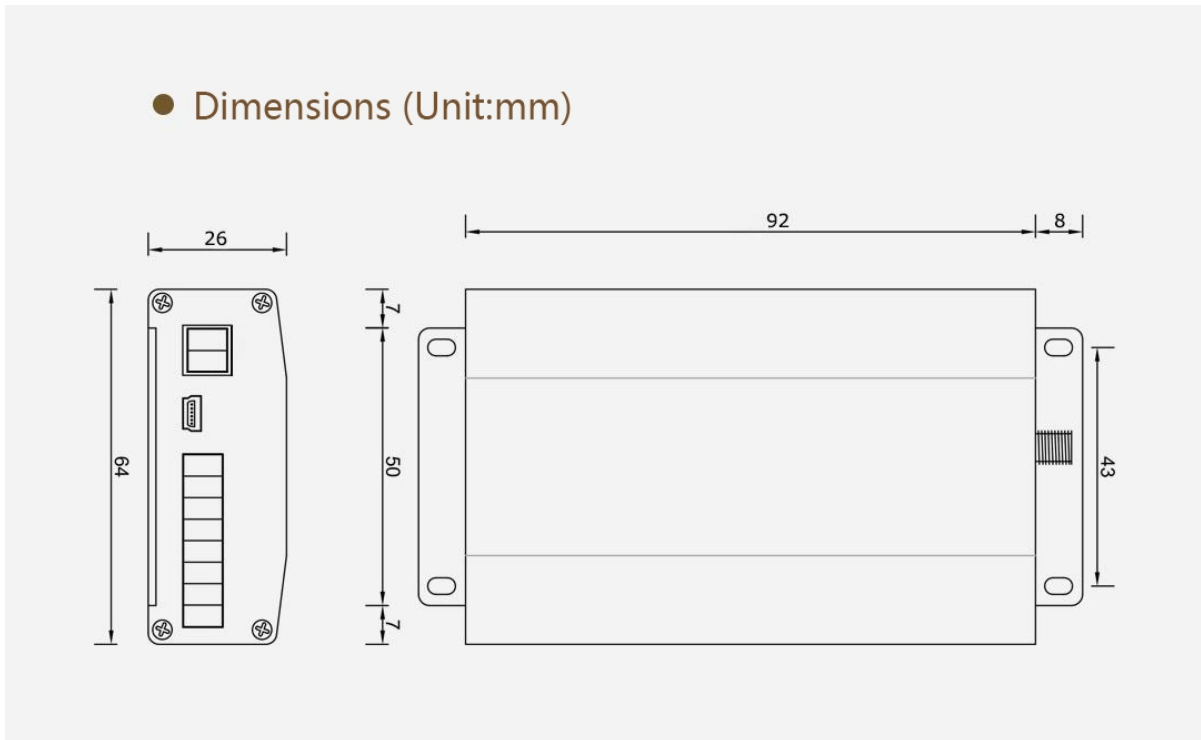
Technical Parameters

● Support frequency band

● Wide voltage input: Single power supply range +8V～+28V DC

● Data rate:300～115200bps (115200bps by default)

● Low power consumption
Average current during emission:40mA @+24V
Average current when idle:20mA @+24V

● Operating temperature:-20～60℃

● Hot and humid environment: able to work at 60℃, relative humidity of 90%～95%

● Antenna connector:SMA-K (female)

● Three serial data interfaces:TTL/RS232/RS485

● Dimension:92*64*26 mm

Interface Definition

Product Dimensions

• Dimensions (Unit:mm)

26
64
92
8
7
50
7
43

Remote Monitoring

Recorder

ANALOG

PLC

MACSENSOR platform--connect more