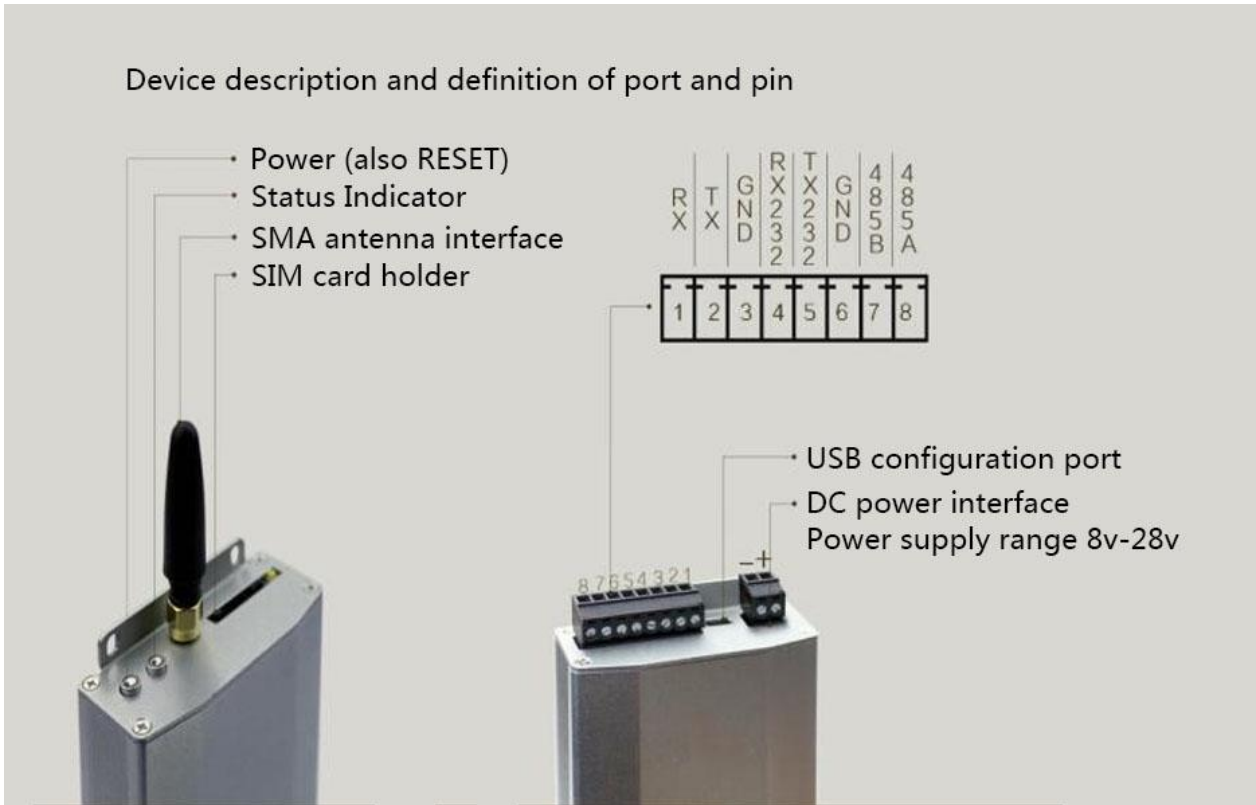# HK301 Product Profile

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

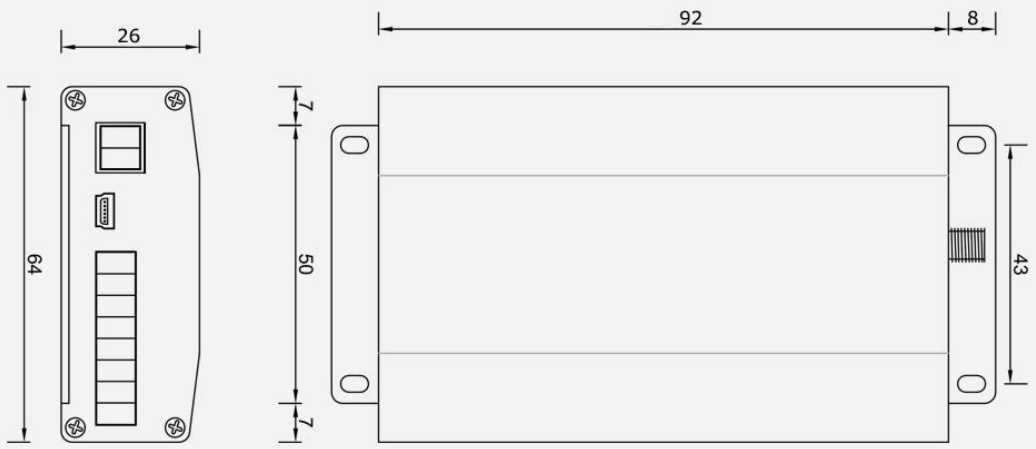● Support automatic reconnection and automatic restart when disconnected

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

Device description and definition of port and pin

• Power (also RESET)
• Status Indicator
• SMA antenna interface
• SIM card holder

RX	TX	GND	RX232	TX232	GND	485B	485A
1	2	3	4	5	6	7	8

• USB configuration port
• DC power interface
  Power supply range 8v-28v

8 7 6 5 4 3 2 1   − +

3

Product Dimensions

● Dimensions (Unit:mm)

Remote Monitoring