SM5386N

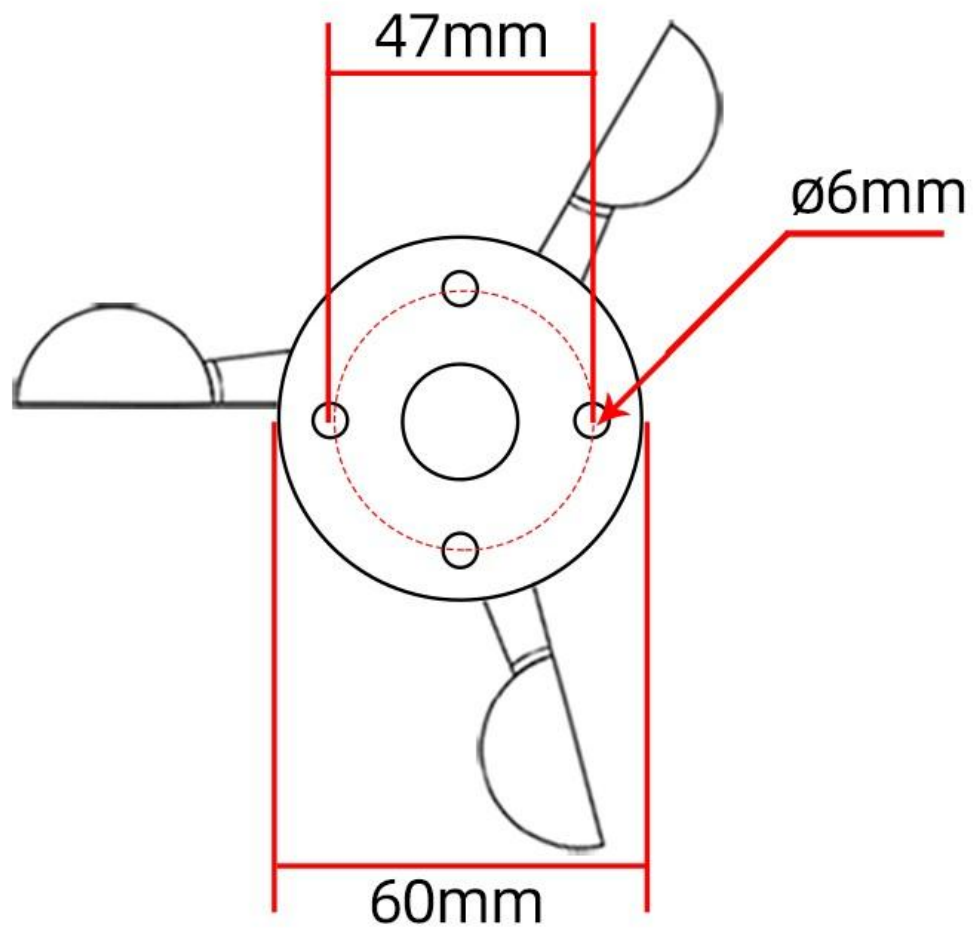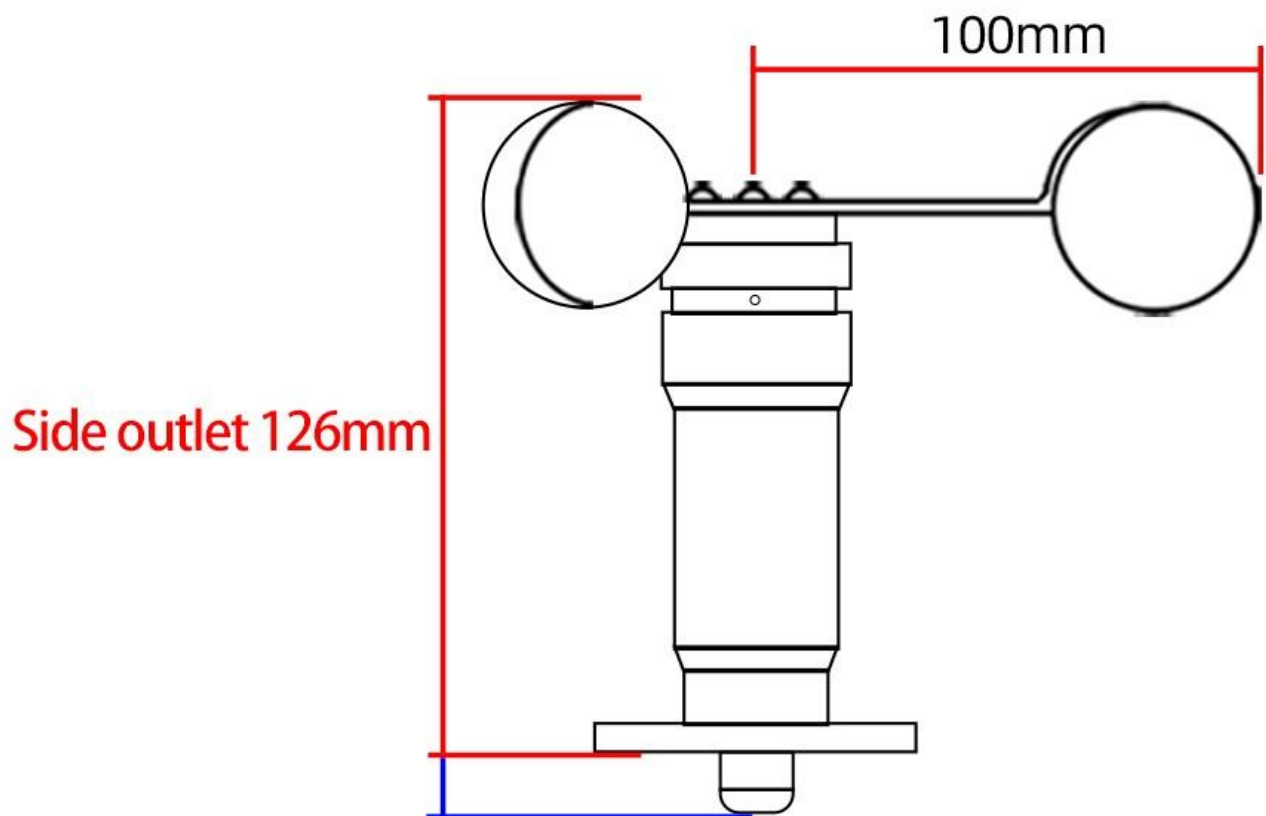# Wind speed sensor

User Manual

File Version: V23.8.25

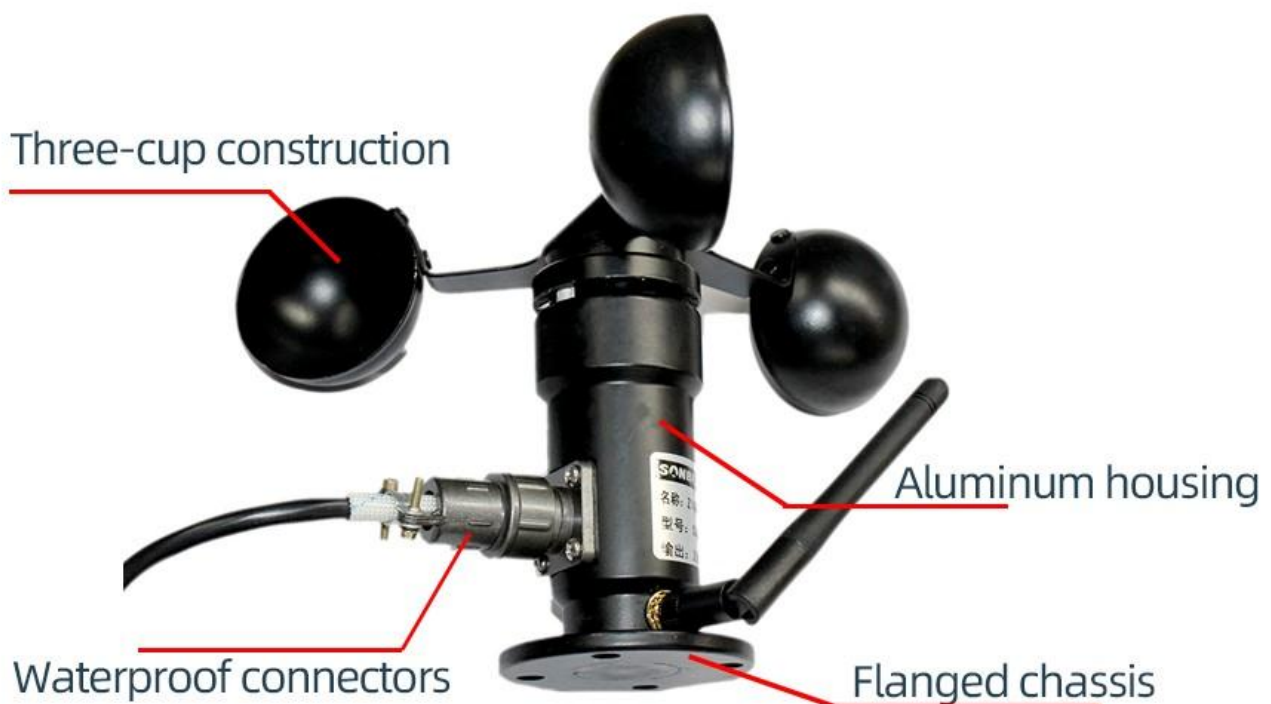SM5386NSpeed Sensor isNB-IOT Wireless InterfaceSensor is a type of instrument designed to

monitor wind speed. The instrument can continuously monitor wind speed and display remotely, and convert wind speed to NB-IOT Wireless InterfaceSignal transmission to associated equipment. The wind speed sensor is made of aluminum alloy material, using special mold precision die-casting process, the dimensional tolerance is very small, the surface precision is very high, the internal circuit is protected, the whole sensor has high strength, weather resistance, anti-proof Corrosion and water resistance. The cable connector is a military plug with good anti-corrosion and anti-corrosion properties, which can guarantee the long-term use of the instrument.can be widely used in greenhouses, environmental protection, weather stations, ships, terminals, heavy machinery, cranes, ports, terminals, cable cars, any place where wind speed needs to be measured.

Technical Parameters

Technical parameter	Parameter value
Brand	SONBEST
Wind speed range	0~30m/s
Start wind	0.2m/s
Wind speed accuracy	±3%
Shell material	aluminum
Applicable area	China
Default rate	115200kbps
Network frequency band	LTD-TDD:B1/B3/B5/B8
Network protocol	TCP/UDP/HTTP/HTTPS/PING/LWM2M/COAP/ONENET
SIM card	support 1.8/3V
Antenna interface	IPX
How to use	serial AT command configuration
Peak current	300mA
Standby current	<20mA
Power	DC5~24V 1A
Running temperature	-30~85℃

Product Size

100mm

Side outlet 126mm

47mm

ø6mm

60mm

Three-cup construction

Aluminum housing

Waterproof connectors

Flanged chassis

Wiring mode

Connection
| 1 Red power supply positive
| 2 Green power supply negative pole

In the case of broken wires, wire the wires as shown in the figure. If the product itself has no leads, the core color is for reference.
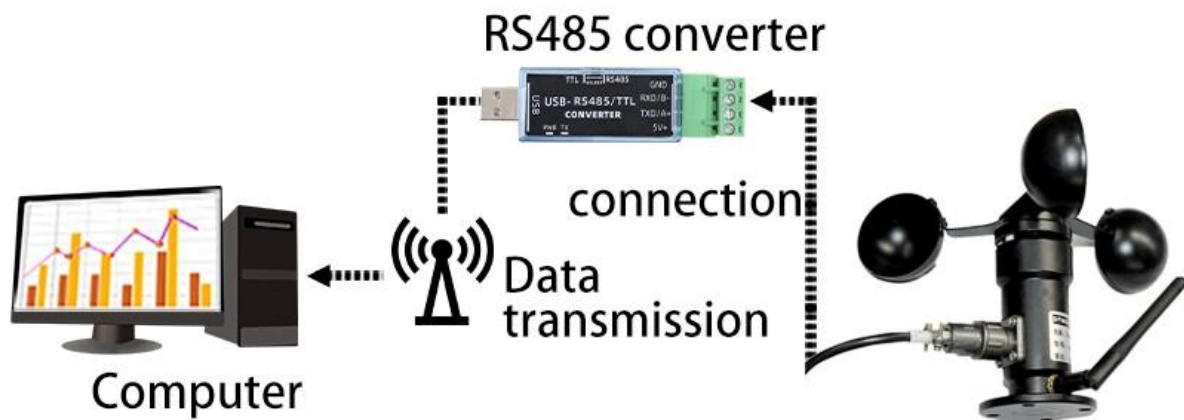
How to use?

The application of wind speed sensor is very extensive, according to the actual needs of the site to choose different signal output wind speed sensor. It can be widely used in greenhouse, environmental protection, meteorology, aquaculture, construction site, air outlet and other industries.
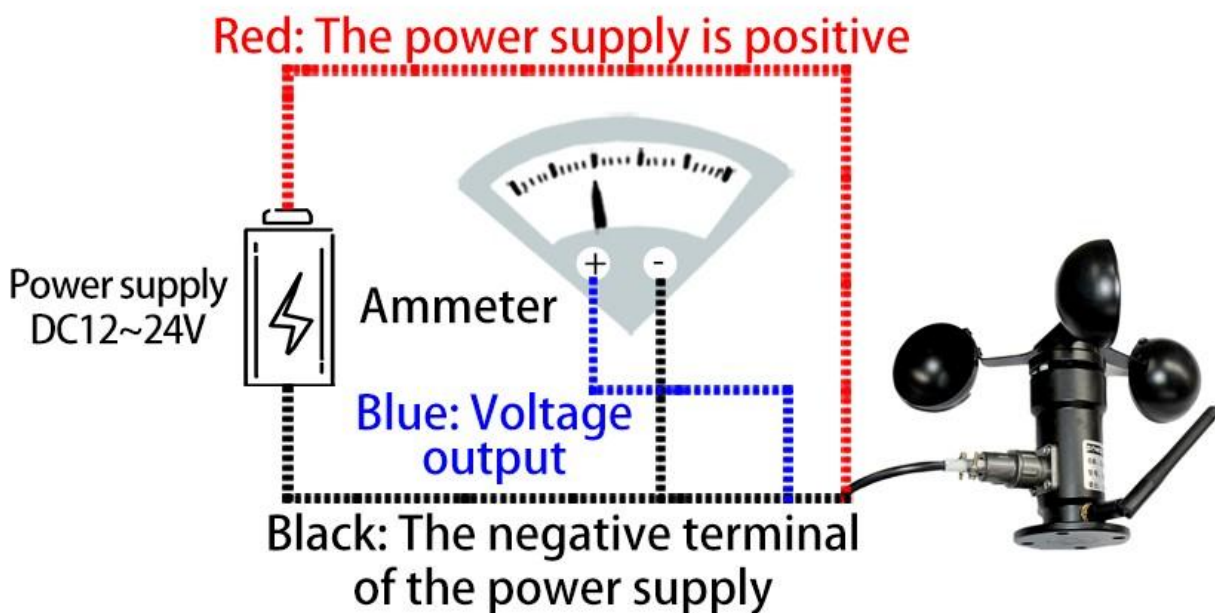

Application solution
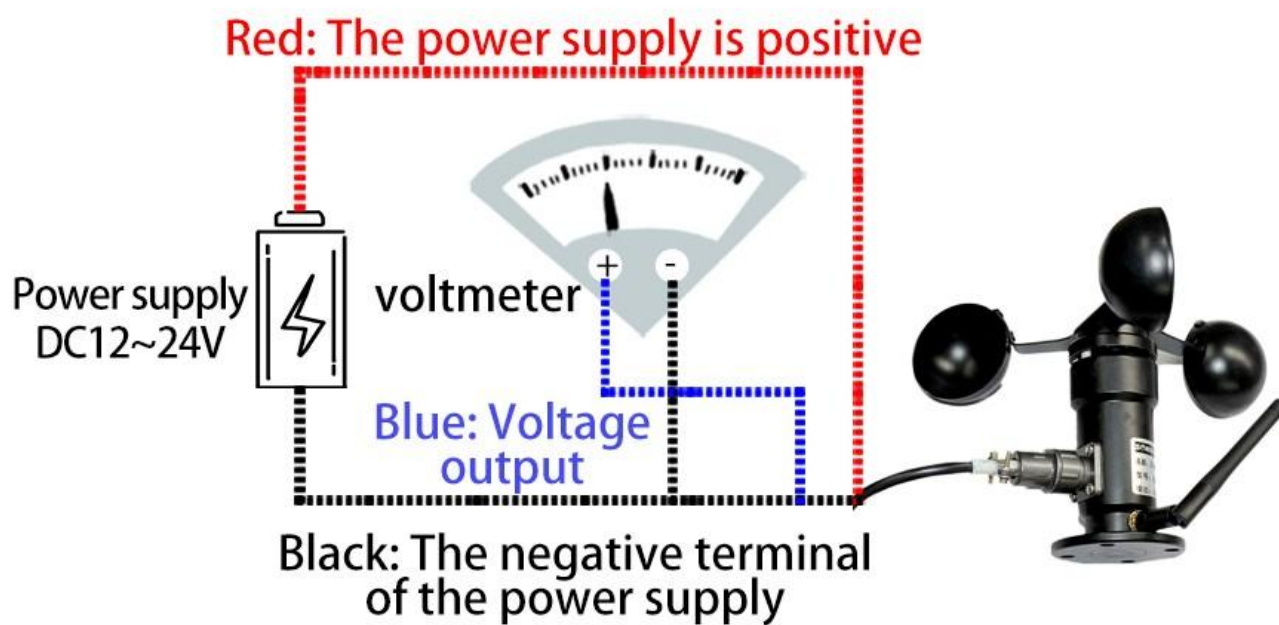
■ RS485 wiring method

RS485 converter

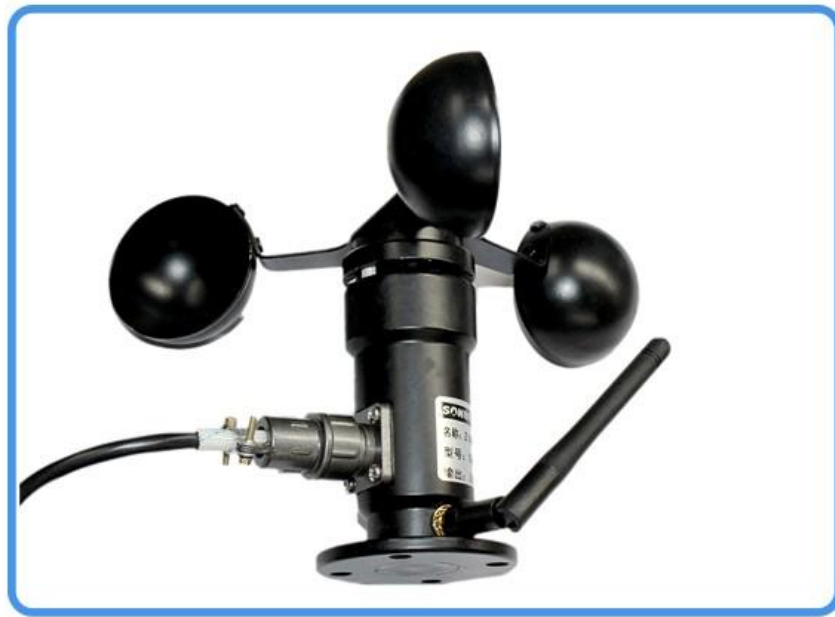connection

Data
transmission

Computer

■ Current wiring method

Red: The power supply is positive

Power supply
DC12~24V

Ammeter

**Blue: Voltage
output**

**Black: The negative terminal
of the power supply**

■ Voltage wiring method

Red: The power supply is positive

Power supply DC12~24V

voltmeter

Blue: Voltage output

Black: The negative terminal of the power supply

Product List

SM5386N
Wind speed sensor Side outlet
(without power supply)

Reminder card

Certificate

Disclaimer

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