

SY8206B

Post-type infrared temperature screening detector

User Manual

File Version: V20.4.2



SY8206B using the standard GPRS Wireless Interface, easy access to PLC, DCS and other instruments or systems for monitoring temperature, humidity, 红外 temperature state quantities. The internal use of high-precision sensing core and related devices to ensure high reliability and excellent long-term stability, can be customized RS232, RS485, CAN, 4-20mA, DC0~5V\10V, ZIGBEE, Lora, WIFI, GPRS and

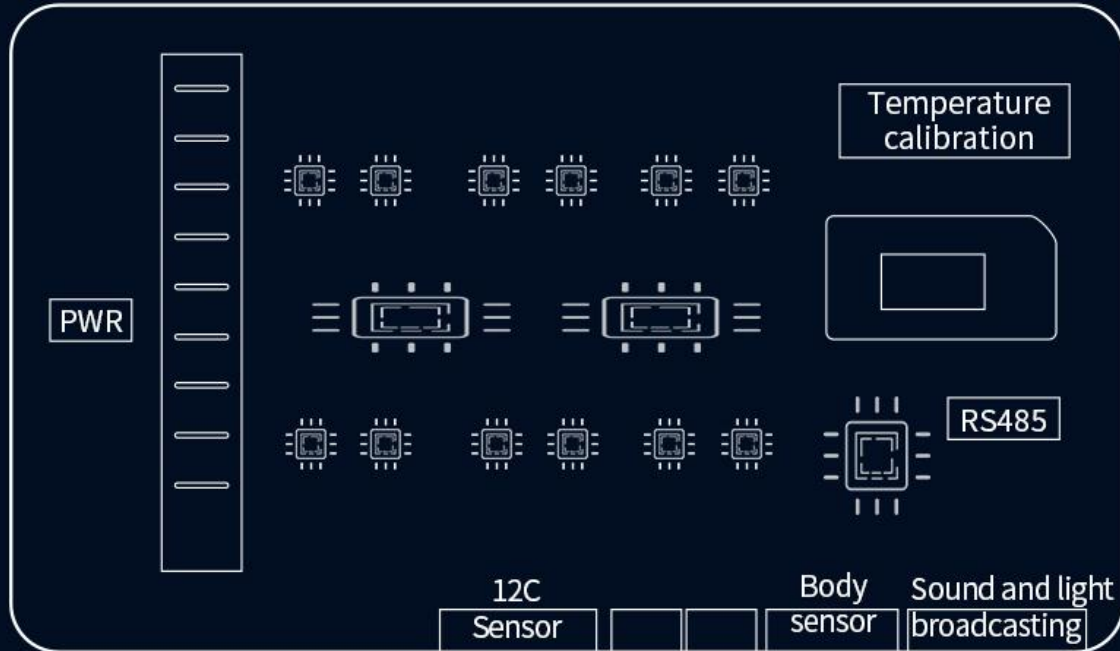
other output methods.

Technical Parameters

Technical parameter	Parameter value
Brand	SONBEST
Temperature measuring range	-30°C~80°C
Temperature measuring accuracy	±0.5°C @25°C
Humidity measuring range	0~100%RH
Humidity accuracy	±3%RH @25°C
Communication Interface	GPRS
Default baud rate	9600 8 n 1
Power	DC9~24V 1A
Display	LED
Running temperature	-40~80°C
Working humidity	5%RH~90%RH

How to wiring?

○ **W** Easy to understand wiring layout ○



Warning light and voice broadcast wiring		
	RD	V+
	BK	V-
	BU	RED
	GN	GREEN
	WH	SPK+
	YE	SPK-

Human induction wiring	
	V+
	V-
	AD

Power wiring	
	V+
	V-

Sensor wiring	
	V3.3
	GND
	SCK
	DATA

RS485	
	A+
	B-



Adding temperature is to dial the thin code of temperature reduction to 0 degrees, Decreasing the temperature is to set the thin code for increasing the temperature to 0 degrees.



How to use?

V All need me
arious places

Real-time monitoring every day, a wide range of applications, high detection efficiency, stable and reliable, can be used in hospitals, factories, company check-in, shopping malls and other environments.



■ Check in

The epidemic is serious. At the height of recovery, everyone entering the company needs to perform contactless measurements to ensure safe work.

Market

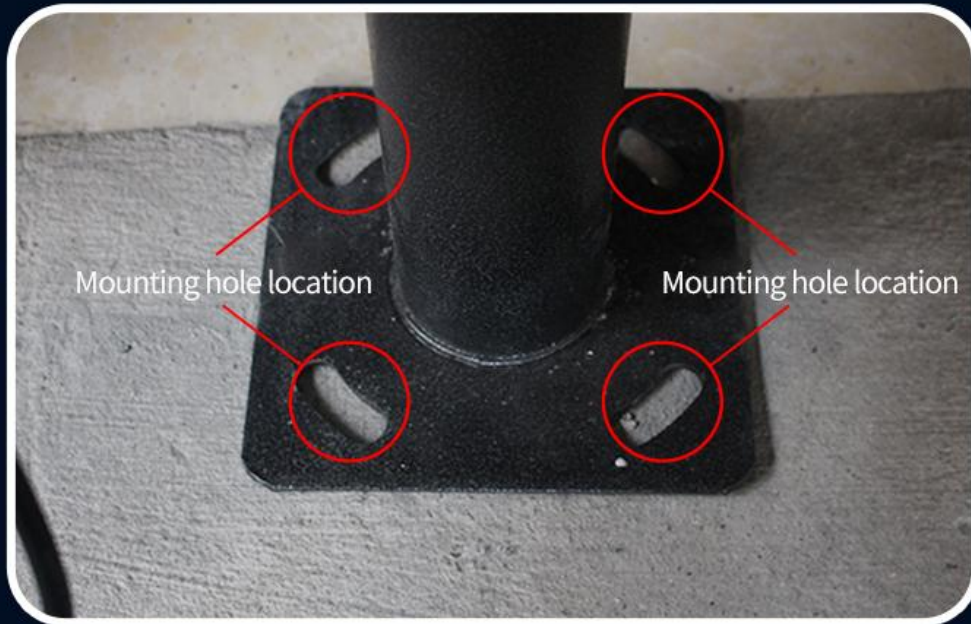
The mall is gradually reopening
Gradually increase traffic
But we must not lack consciousness



■ Hospital

Reduce the way people connect
Convenient and time saving
Higher measurement efficiency

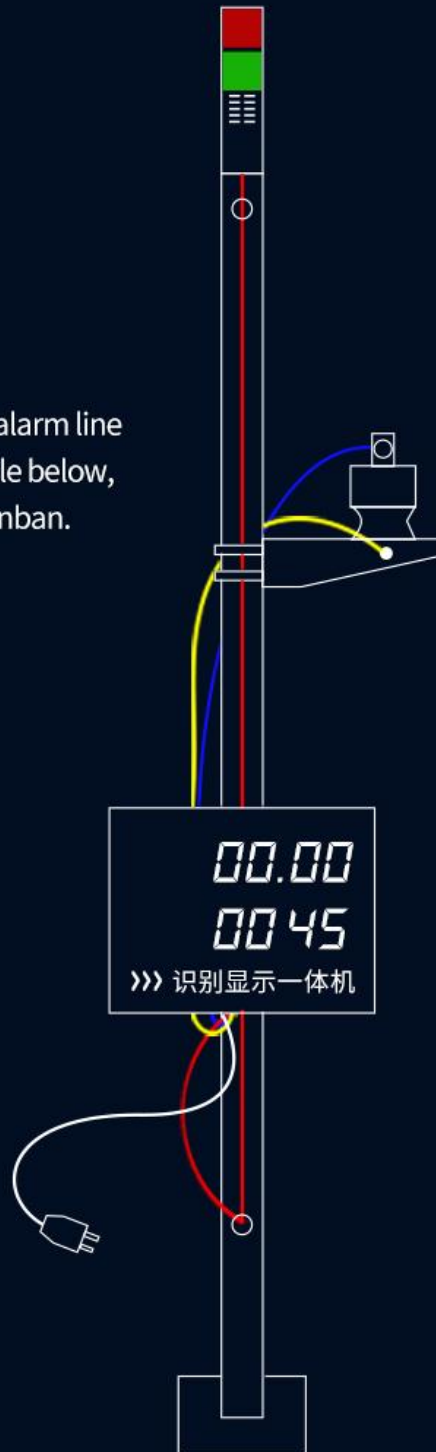
○ W Fast and convenient
iring application ○



Each of the upper left, upper right, lower left, and lower right has a screw hole with a width of $\approx 15\text{mm}$, which can be used for installation.

Wiring diagram

- The red line is the sound and light + broadcast alarm line
After the wire extends from the inside to the hole below,
Lead the wires into the wire holes under the kanban.
- The yellow wire is the lead of the body sensor
Electrical wires drawn into the hole under the
kanban from the outside.
- The blue wire is the infrared temperature
sensor lead.
The wire is introduced into the hole below the
kanban from the outside.
- The white line is the power cord
After the internal kanban is wired, it
leads from the inside to the outside.



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