

SD2131V-NH3**0-10V ammonia sensor with display****User Manual**

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SD2131V-NH3 using the standard DC0 ~ 10V voltage output signal,easy access to PLC , DCS and other instruments or systems for monitoring ammonia 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
NH3 range	0~100ppm
NH3 accuracy	± 15ppm
Output Interface	DC0~10V
Power	DC12~24V 1A
Running temperature	-30~85℃
Working humidity	5%RH~90%RH

Product Size





PVC SHELL








Environmentally friendly material,
wear-resistant and durable
Not easy to corrode, not easy to deform

WATERPROOF TERMINAL

Tighten the terminal after wiring
Anti-pull by mistake



Connection mode

RS485 Wiring			mA/V Wiring		
	RD	PWR+		RD	PWR+
	GN	PWR-		BK	PWR-
	YE	RS485 A+		BU	mA/V Out
	BU	RS485 B-			

※Note: When wiring, the positive and negative poles of the power supply are connected first, and then the signal line

Wiring instructions

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.

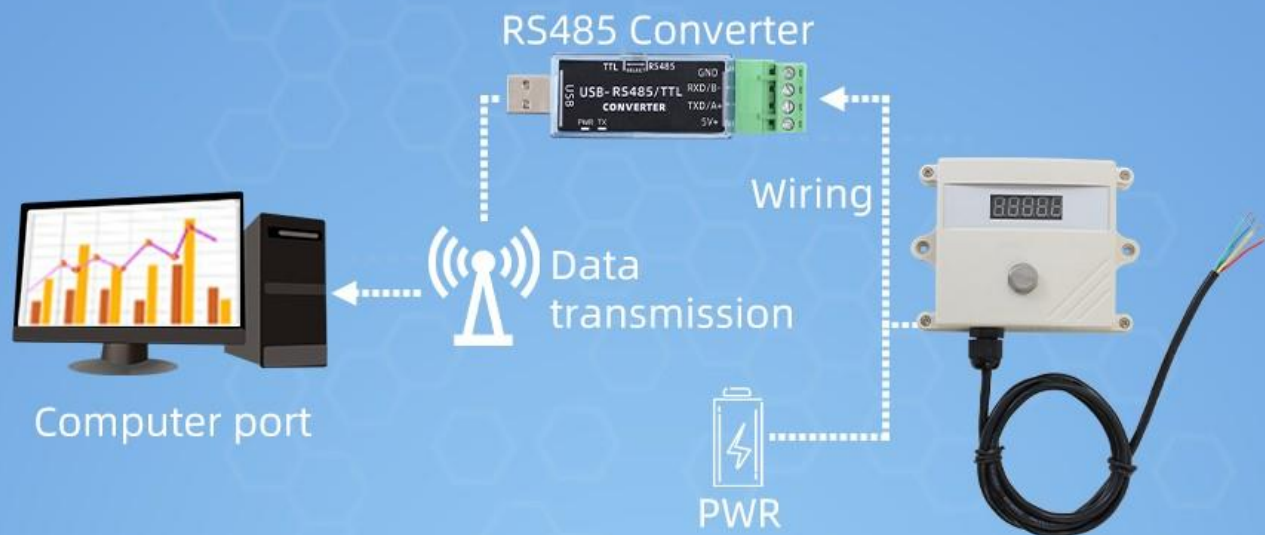
How to use?

Ammonia sensors can be widely used in real-time detection of ammonia in factories, mines, chemicals, fertilizers, pharmaceuticals, material synthesis and environmental

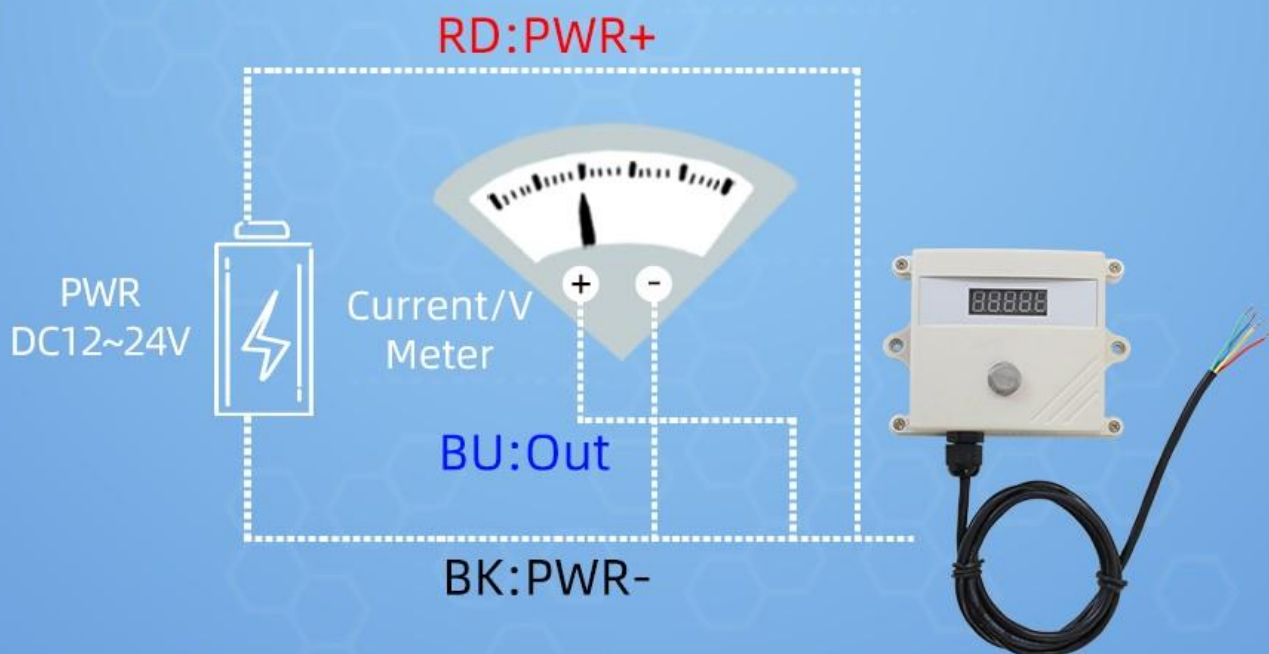


Application solution

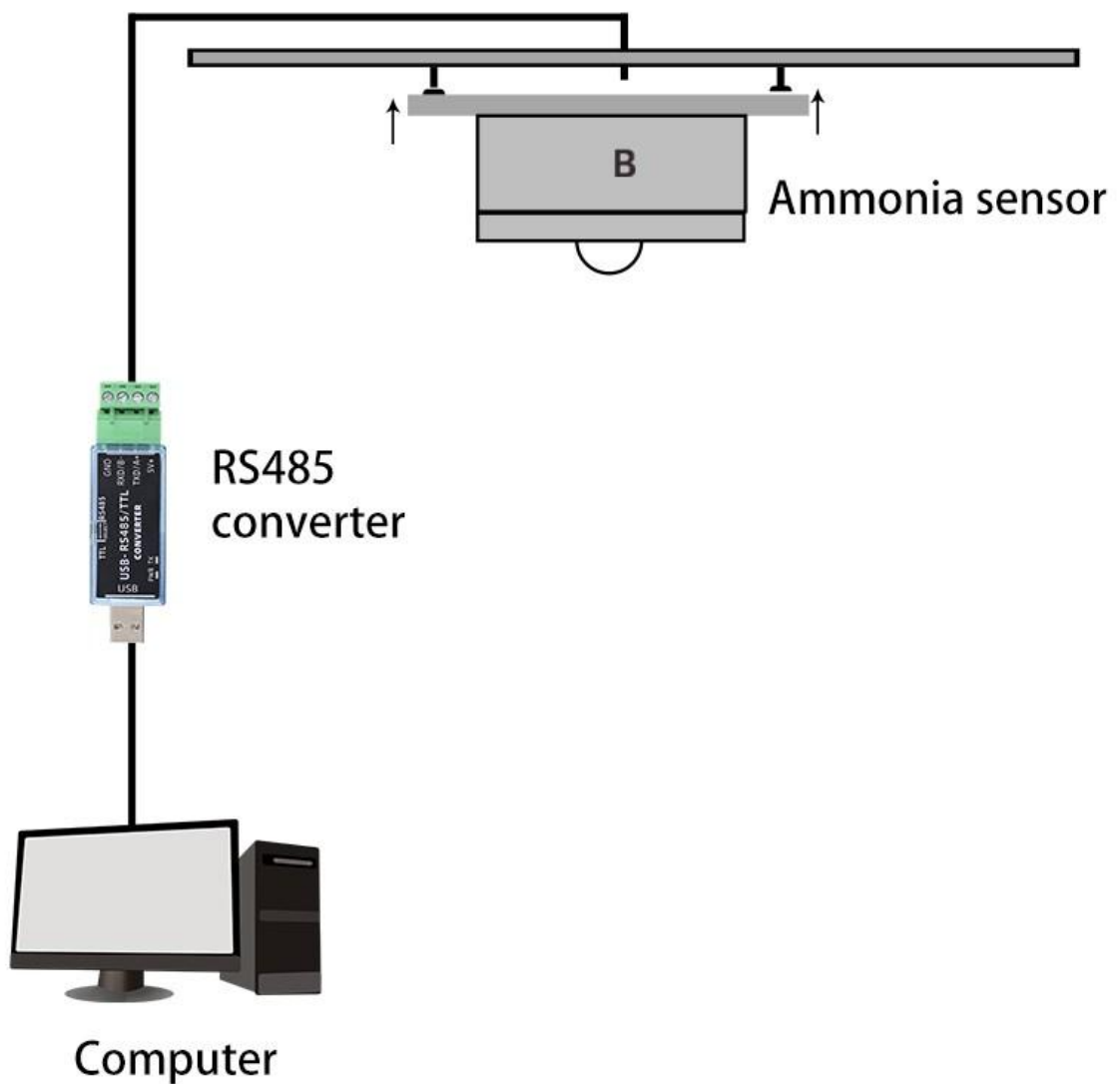
■ RS485 Wiring



■ mA/V Wiring



The sensor is fixed to the ceiling using the ceiling mounting method



Product List



Ammonia sensor



Reminder card



Certificate

Disclaimer

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