

## SD2130V-NH3

### 0-10V ammonia sensor with display

#### User Manual

File Version: V21.3.6



SD2130V-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           | 0~150ppm    |
| NH3 accuracy        | ± 15ppm     |
| Output Interface    | DC0~10V     |
| Power               | DC12~24V 1A |
| Running temperature | -40~80°C    |
| Working humidity    | 5%RH~90%RH  |

### Product Size



### How to wiring?



## 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



### RS485 Wiring

|   |    |          |
|---|----|----------|
|  | RD | PWR+     |
|  | GN | PWR-     |
|  | YE | RS485 A+ |
|  | BU | RS485 B- |

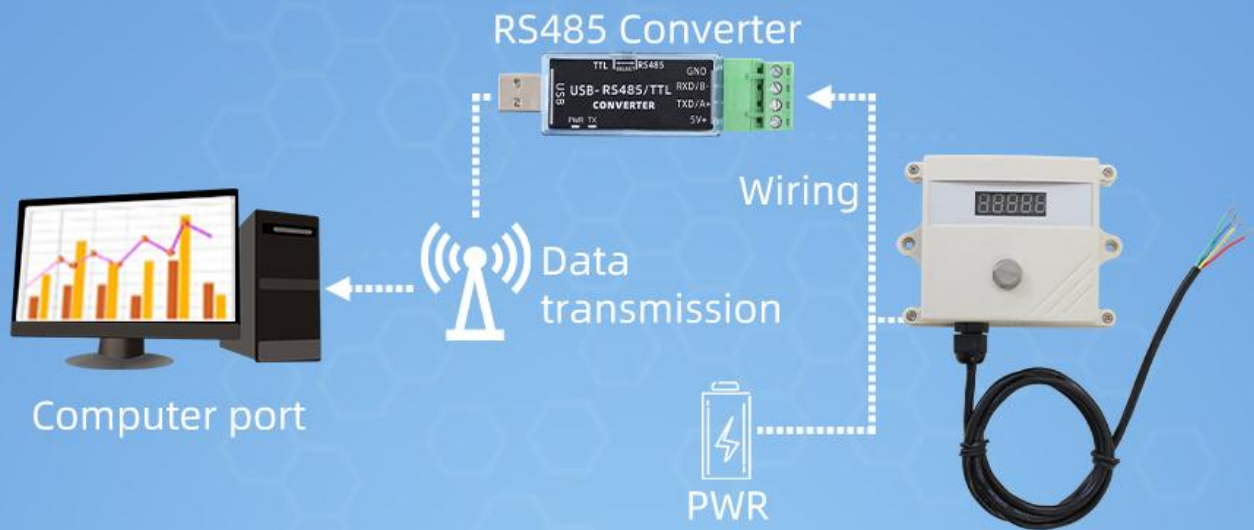
### mA/V Wiring

|   |    |          |
|---|----|----------|
|  | RD | PWR+     |
|  | BK | PWR-     |
|  | BU | mA/V Out |

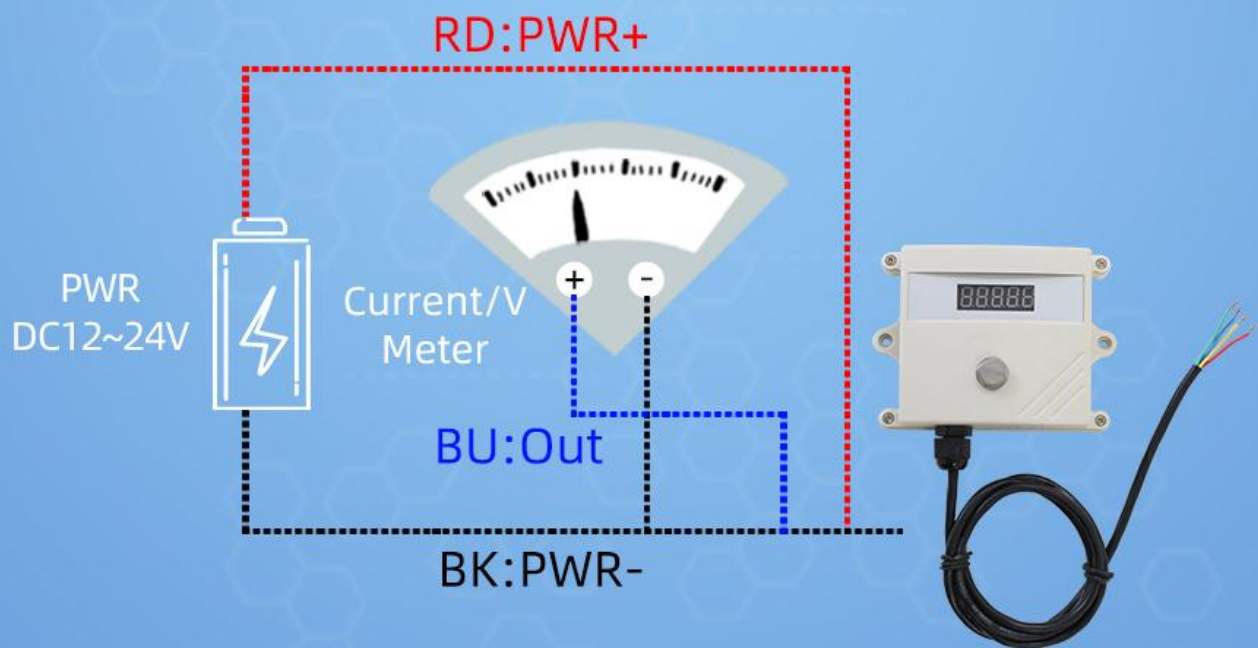
※Note: When wiring, the positive and negative poles of  
the power supply are connected first, and then the signal line

### Application solution

## ■ RS485 Wiring



## ■ mA/V Wiring



**How to use?**



### Disclaimer

This document provides all information about the product, does not grant any license to intellectual property, does not express or imply, and prohibits any other means of granting any intellectual property rights, such as the statement of sales terms and conditions of this product, other issues. No liability is assumed. Furthermore, our company makes no warranties, express or implied, regarding the sale and use of this product, including the suitability for the specific use of the product, the marketability or the infringement liability for any patent, copyright or other intellectual property rights, etc. Product specifications and product descriptions may be modified at any time without notice.

### Contact Us

Company: Shanghai Sonbest Industrial Co., Ltd

Address: Building 8, No. 215 North east road, Baoshan District, Shanghai, China

Web: <http://www.sonbest.com>

Web: <http://www.sonbus.com>

SKYPE: soobuu

Email: [sale@sonbest.com](mailto:sale@sonbest.com)

Tel: 86-021-51083595 / 66862055 / 66862075 / 66861077