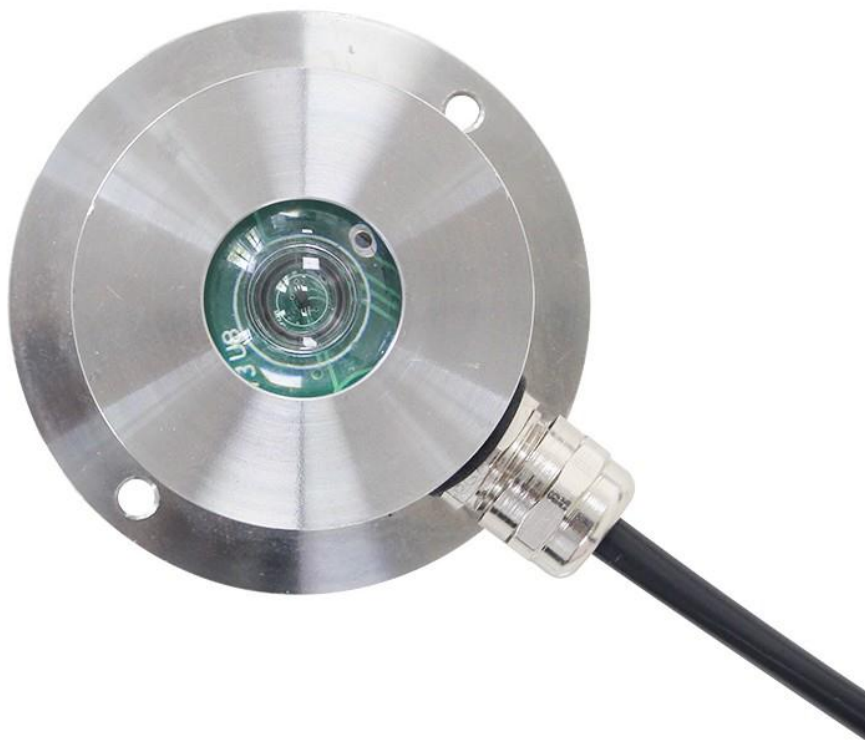


**SM9560V****RS485 outdoor high sensitivity stainless steel illuminance  
sensor****User Manual**

File Version: V24.3.5



SM9560V using the standard DC0 ~ 10V voltage output signal,easy access to PLC , DCS and other instruments or systems for monitoring illuminance 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
Illuminance measuring range	0~65535Lux
Illuminance allow deviation	$\pm 7\%$
Repeatability test	$\pm 5\%$
Illuminance detection chip	Import digital
Wavelength range	380nm~730nm
Output Interface	DC0~10V
Power	DC12~24V 1A
Running temperature	-30~85℃
Working humidity	5%RH~90%RH

### Product Size











# Connection mode

## RS485 Wiring

	RD	PWR+
	GN	PWR-
	YE	RS485+
	BU	RS485-

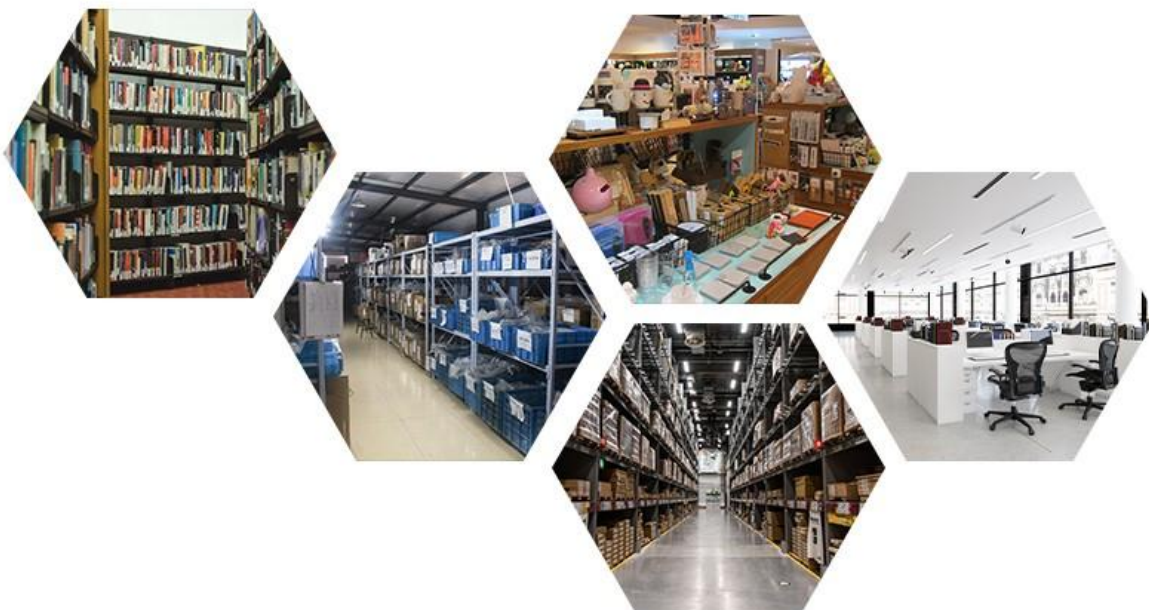
※Note: When wiring, connect the positive and negative poles of the power supply first, then connect the signal wire

### 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.

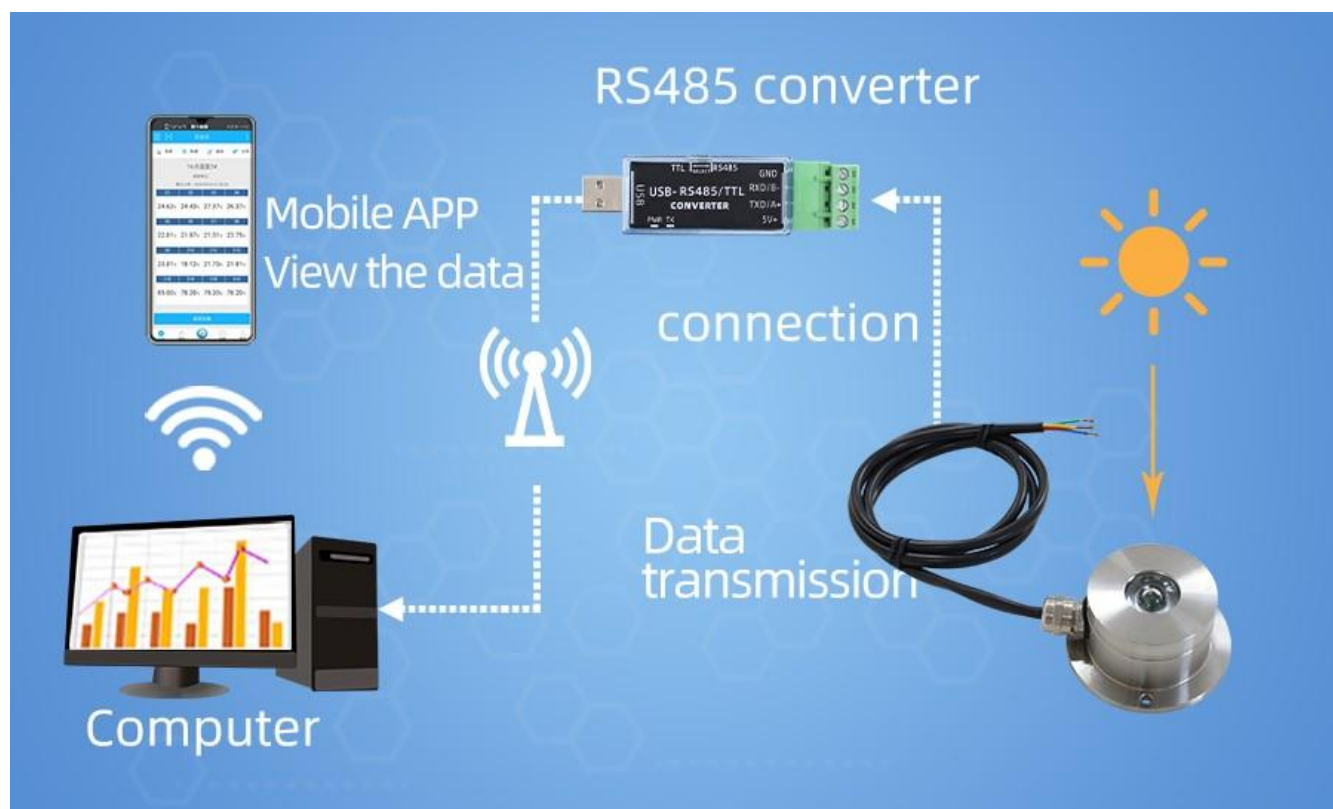
### How to use?

Real-time monitoring every day, wide range of application, efficient detection, stable and reliable, can be applied to libraries, museums, warehouses, shopping malls and other indoor environments





## Application solution



## Product List



**Stainless steel illuminance sensor  
(No power supply, no converter)**



**Reminder card**



**Certificate**

**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