

## SM3560V

### Voltage output type small range illuminance sensor

#### User Manual

File Version: V21.12.15



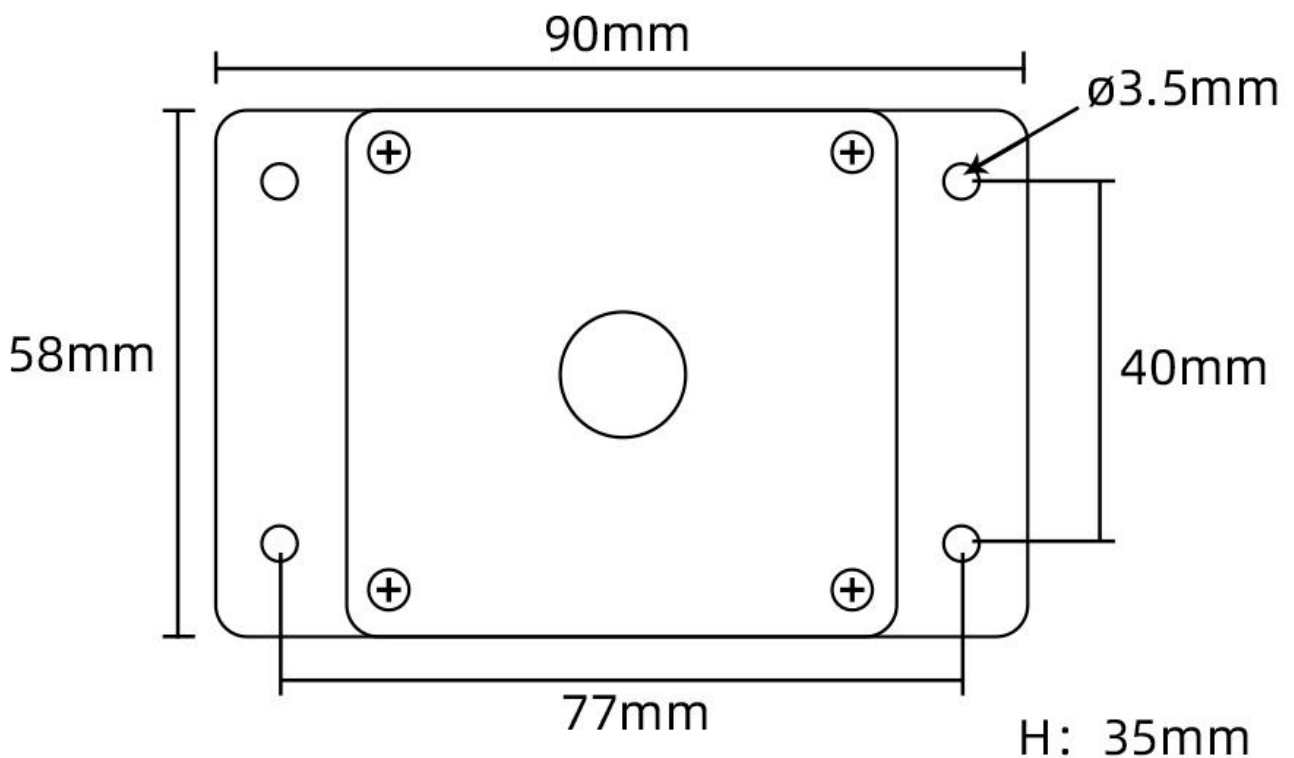
SM3560V using the standard DC0 ~ 5V voltage output signal,easy access to PLC , DCS and other instruments or systems for monitoring illuminance state quantities.The internal use of high -precision sensing core and related devices to ensure high reliability and excellent long-term stability,can be customized RS232,RS485,CAN,4-20mA,DC0~5V\10V,ZIGBEE,Lora,WIFI,GPRS and other output methods.

#### Technical Parameters

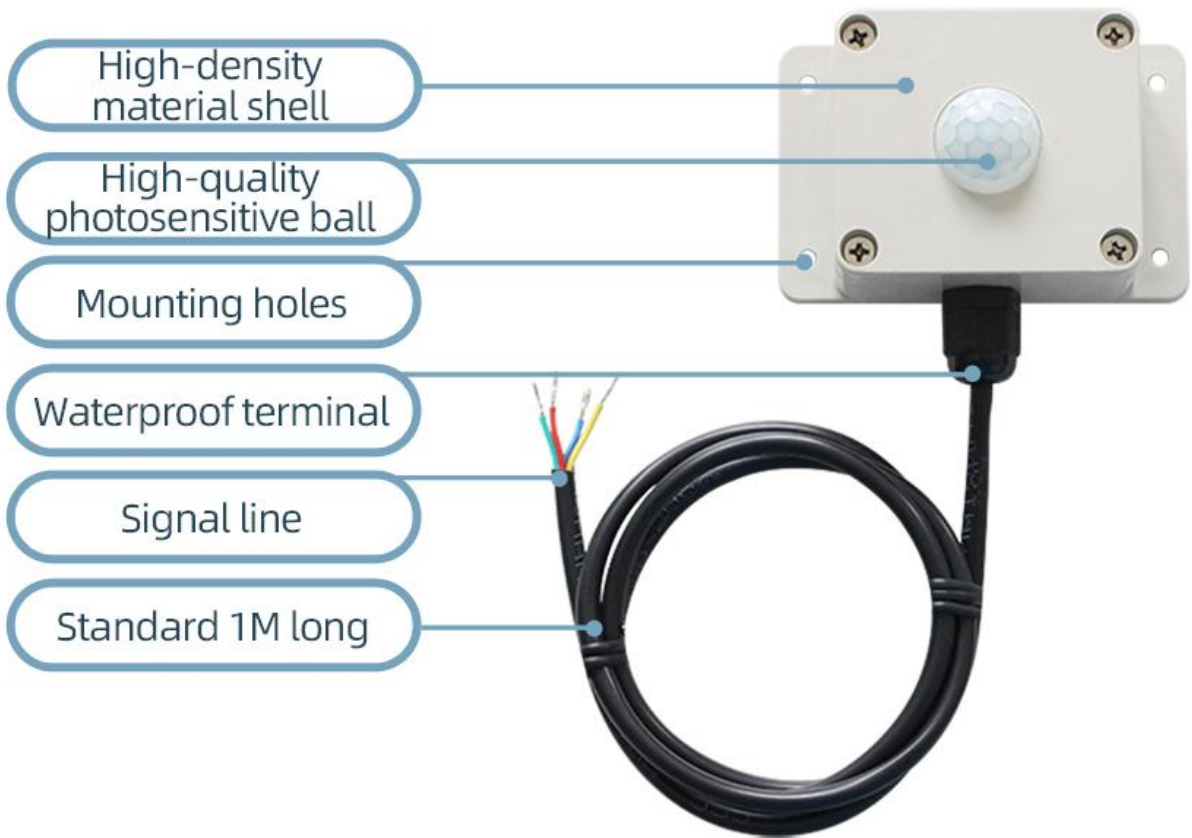
Technical parameter	Parameter value
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Brand	SONBEST
Illuminance measuring range	0~65535Lux
Illuminance allow deviation	± 7%
Repeatability test	± 5%
Illuminance detection chip	Import digital
Wavelength range	380nm~730nm
Output Interface	DC0~5V
Power	DC12~24V 1A
Running temperature	-40~80°C
Working humidity	5%RH~90%RH





### Product Size






### How to wiring?






## RS485 Wire

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

## Electric current wire

	RD	PWR+
	BK	PWR-
	BU	I OUT

## Voltage wire

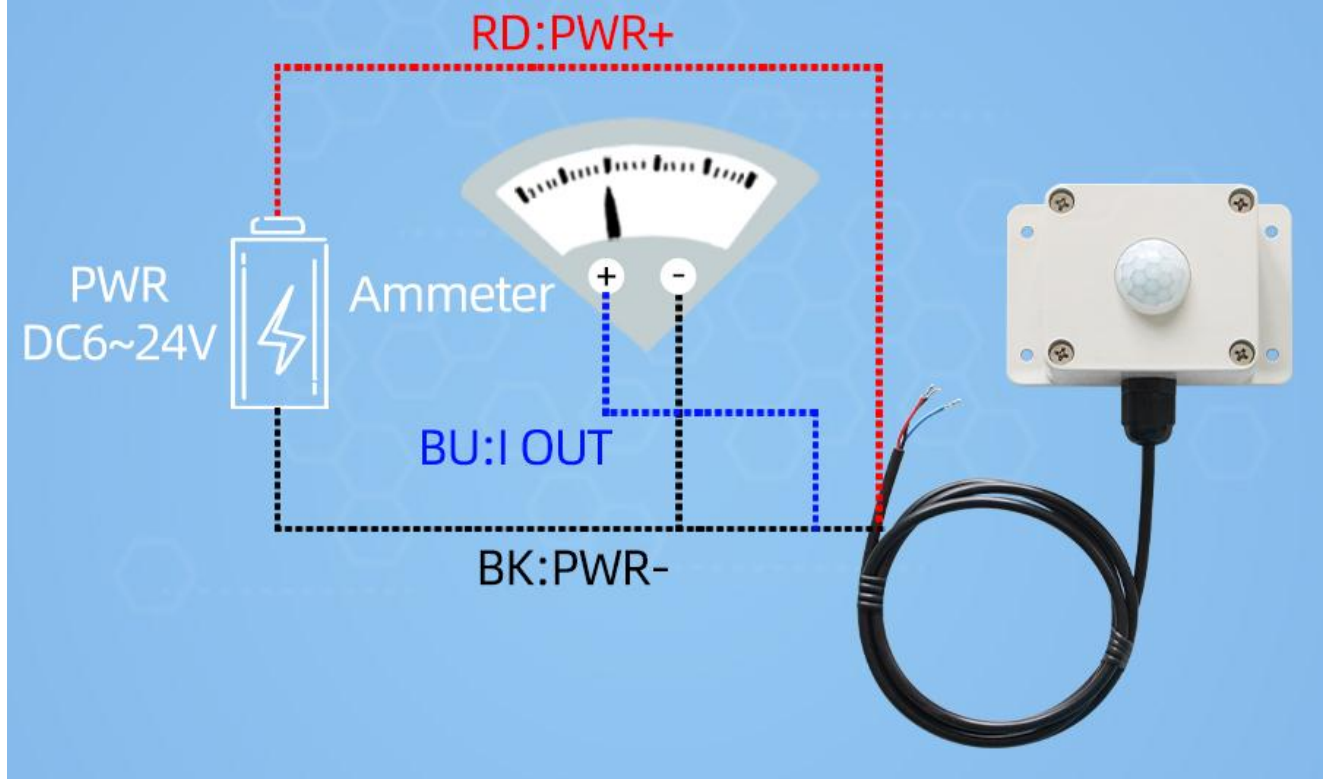
	RD	PWR+
	BK	PWR-
	BU	V OUT

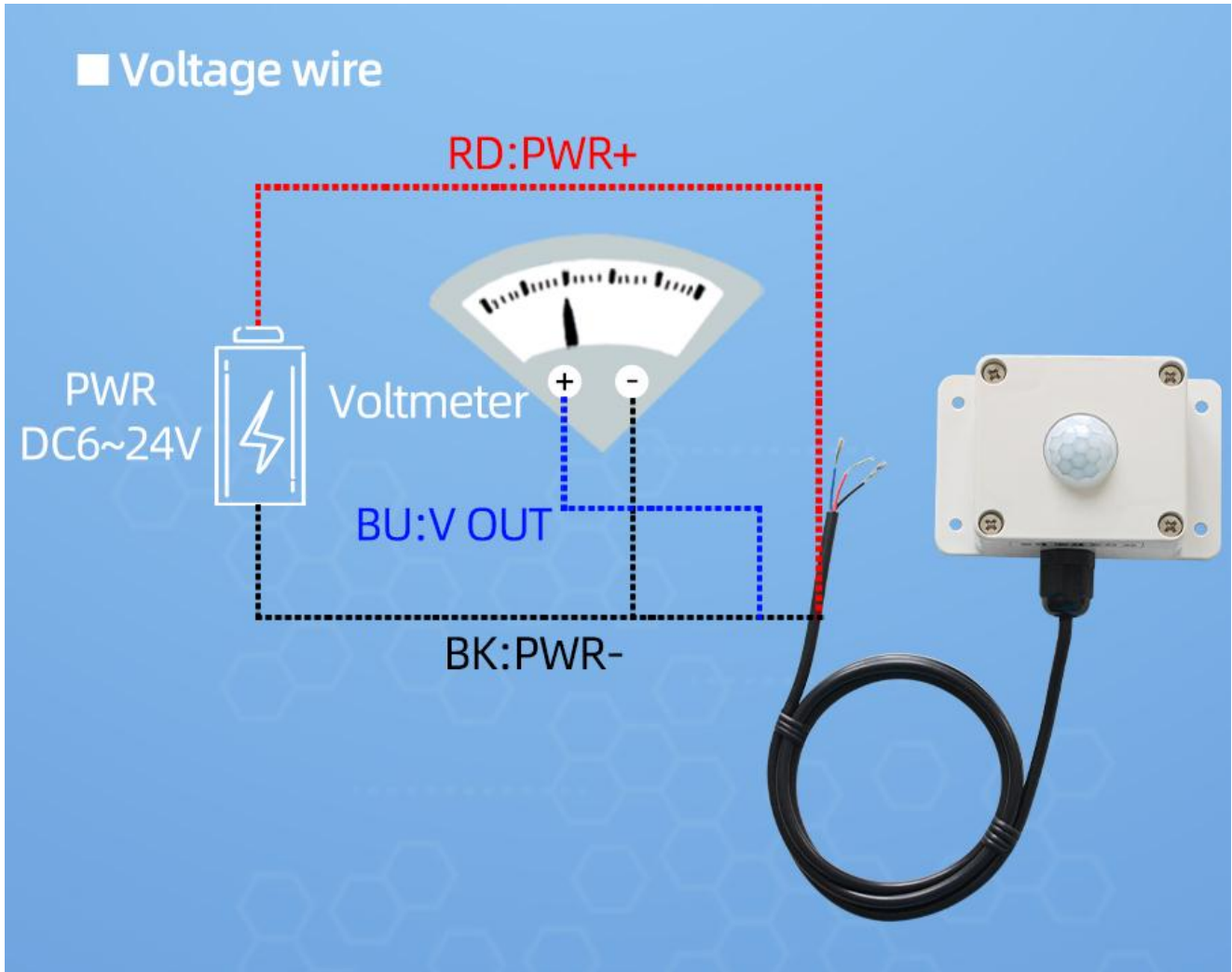
※ Note: When wiring, first connect the positive and negative poles of the power supply, and then connect the signal line

**Application solution**



### ■ Electric current wire





**How to use?**



## Greenhouse

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Cooperate with sensors to effectively manage, create a good lighting environment for crops, and promote better photosynthesis

## Flower farming

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Flower farming needs light management, according to the plant's light needs to cooperate with the sensor to control the light intensity







## Disclaimer

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