



## Environmental Sensor

ES-L

The sunlight sensor is a high-precision light-sensitive transmitter with an output value measurement unit of Lux. It is a sensor used for outdoor measurement of light intensity. The illuminance sensor adopts a wall-mounted waterproof shell, wall-mounted installation, and a high degree of protection. There are two ranges of 0-65535 lux and 0-20 million lux. Our company provides customers with two options: sunlight sensor and temperature, humidity, sunlight 3 in 1 sensor.

## Sun Light Sensor



## Description

The solar light sensor is small in size and low in price. It is a product that is very worth buying. It can be combined with wind speed sensor, wind direction sensor, rain gauge, rain and snow sensor, UV sensor, soil sensor, solar radiation shield, solar radiation sensor, etc. to form a complete outdoor weather station monitoring system.

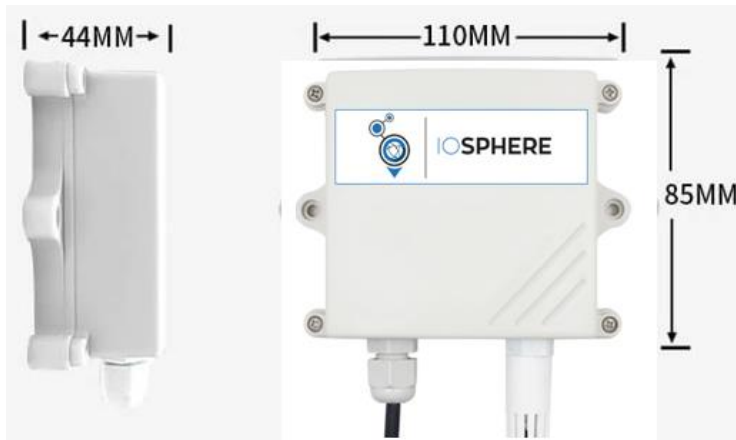
## Product Features

1. High-precision illuminance detection measuring range 0-60000 Lux, 0-200000 Lux optional.
2. 4-20mA/0-10V/0-5V/RS485 multiple output signals are optional.
3. IP65 high protection level, can be used in an outdoor or harsh on-site environment.
4. 10-30V DC wide voltage power supply.



Sun Light Sensor Parameters

RS485 OUTPUT		ANALOG OUTPUT	
Power Supply	10-30VDC	Power Supply	10-30VDC
Max.power consumption	0.4W	Max.power consumption	1.2W
Accuracy	±7%(25°C)	Accuracy	±7%(25°C)
Measure range	0-65535Lux ; 0-20WLux	Measure range	0-65535Lux ; 0-20WLux
Long-term stability	≤5%/y	Long-term stability	≤5%/y
Response time	0.1s	Response time	0.1s
Output Signal	RS485(Modbus-RTU)	Output Signal	4~20mA, 0~5V, 0~10V



Ordering Information

	ES	-			-		-	
Sun Light, Sensor			L					
Sun Light, Temperature & Humidity Sensor			LTH					
Interval				65				
With Modbus RS485						M		
With 0-10V						V		
With 4-20mA						mA		
Without OLED Screen								0

NOTE

ES-LTH-65 has only Modbus output