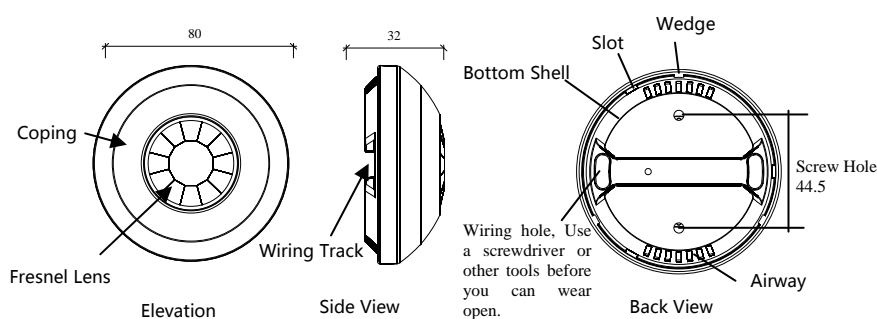


Description	Environmental Conditions
SB-CMS-PIR Ceiling Mount Infrared Motion Sensor adopting passive infrared detection technology to detect temperature radiating objects or body movement, This sensor has a security function at the same time, it can be used as a normal motion and security detector	Working Temperature: -5℃~45℃ Operating Relative Humidity: 20%~90% Storage Temperature: -40℃~+55℃ Storage Relative Humidity: 10%~93% Protection Grade : 2.0
Features	Performance Parameter
<ul style="list-style-type: none"> Can detect with motion or without motion, Maximum 99 targets. Use dual-detect technology: Infrared and motion(change) Master-slave mode selectable Security supported 	<ul style="list-style-type: none"> Input Voltage : DC 12-30 V Input Current : 15mA/DC 24V Installation : Ceiling or Wall mount sensitivity setting range : 20 ~ 80 The maximum detection angle : 110° Maximum detection range (Radius) : 4.8m & Height 3.4m Exterior Size : 80mm×80mm×32mm
Installation Dimension	
	
Installation Requirement	
<ol style="list-style-type: none"> 1, Interior installation and ambient temperature is below 35 degrees Celsius, high temperature environment could lower sensitivity. 2, To avoid installed near the air-conditioning vent, temperature changes may cause malfunction. 3, To avoid installed near strong electromagnetic interference, strong electromagnetic interference may cause malfunction <p>Accessories: Each sensor is equipped with a manually range adjustable plastic bracket, to shield part of the sensing area if necessary. Bus connection: CAT-5 UTP</p>	

System Connections Diagram

PC

RJ45

Power MBUS01IP Relay PIR Sensor PANEL

HDL-BUS

Device1 Device2 Device3 Device4 Device5

Smart-Bus CAT5 Wire Definition

Brown, White & Orange, White	COM
Blue, White & Green, White	DATA-
Blue & green	DATA+
Brown & Orange	DC24V

Recommended Connection: Hand in Hand

Wiring for installation

485 BUS Connector,
DC24V、485+、485-、COM

Interior Structure

Motion Detecting Range and Recommended Height

Detecting Range r : 4.8M

Packing list

SB-CMS-PIR	1 PC
Installation Manual	1 PC
Fresnel lens bracket	

Safety and Maintenance

Read All Instructions in detail before use
Make sure good Ventilation Environment
Pay Attention to Water-proof, shake-proof and dust-proof when using
Non-Rain, Non-Contact with other liquids or corrosive gases
Should be dried in time if invaded by water or liquid
Contact Professional maintenance staff or HDL company when Product has problem