Description

SB-CMS-8IN1 8IN1 sensor is a multifunctional sensors, it has the infrared transmitting ,receiving function, the motion sensor, illumination sensor, dry contact sensing inputs and both logic and security features. System cost-effective, simple decoration.

Environmental Conditions

Working Temperature: -5°C~45°C Operating Relative Humidity: 20%~90% Storage Temperature: -40°C~+55°C Storage Relative Humidity: 10%~93%

Protection Grade: 2.0

Features

Equipped with infrared motion sensors, illumination sensors, 2 dry contact inputs, 2 external input for a total of six input conditions

- with 32 logic module features, up to 6 input conditions can be set, each logic module can be set 10 output target
- . IR reception
- . infrared emission remote control code function
- . IR sensitivity, adjustable illumination
- . can be used with the security module

Performance Parameter

. Operating Voltage: DC12-30V

. Bus Power: 15mA/DC24V . Installation: Ceiling Mount

 $20 \sim 80$

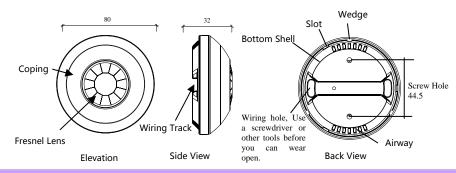
. Range of motion sensor sensitivity settings $\,$:

. The maximum detection angle $\div\,110^\circ$

. The Maximum detection range (Radius): 4.8m / Height 3.4m

. Infrared emitting distance: 7m

Installation Dimension



Installation Requirement

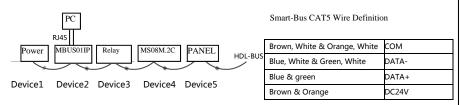
- 1, Interior installation and ambient temperature is below 35 degrees Celsius, high temperature environment could lower sensitivity.
- 2, To avoid installed near the air-conditioning vent, temperature changes may cause malfunction.
- 3, To avoid installed near strong electromagnetic interference, strong electromagnetic interference may cause malfunction
- the infrared Receiving device should be installed within the emission range.
 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

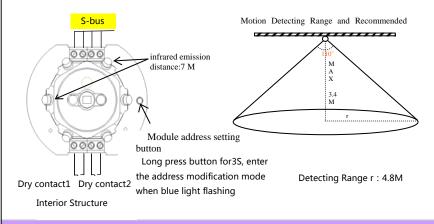
System Connections Diagram

HDL Smart-Bus Installation Manual for SB-CMS-8IN1



Recommended Connection: Hand in Hand

Wiring for installation



Packing list

SB-CMS-8IN1 1 PC Installation Manual 1 PC

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