

Description	Environmental Conditions
<p>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.</p>	<p>Working Temperature: -5℃~45℃ Operating Relative Humidity: 20%~90% Storage Temperature: -40℃~+55℃ Storage Relative Humidity: 10%~93% Protection Grade : 2.0</p>
Features	Performance Parameter
<p>Equipped with infrared motion sensors, illumination sensors, 2 dry contact inputs, 2 external input for a total of six input conditions</p> <ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Operating Voltage : DC12-30V Bus Power : 15mA/DC24V Installation : Ceiling Mount Range of motion sensor sensitivity settings : 20 ~ 80 The maximum detection angle : 110° The Maximum detection range (Radius) : 4.8m /Height3.4m Infrared emitting distance : 7m
Installation Dimension	
<p>Wiring hole. Use a screwdriver or other tools before you can wear open.</p>	
Installation Requirement	
<ol style="list-style-type: none"> Interior installation and ambient temperature is below 35 degrees Celsius, high temperature environment could lower sensitivity. To avoid installed near the air-conditioning vent, temperature changes may cause malfunction. To avoid installed near strong electromagnetic interference, strong electromagnetic interference may cause malfunction the infrared Receiving device should be installed within the emission range. <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									
	<p>Smart-Bus CAT5 Wire Definition</p> <table border="1"> <tr> <td>Brown, White & Orange, White</td> <td>COM</td> </tr> <tr> <td>Blue, White & Green, White</td> <td>DATA-</td> </tr> <tr> <td>Blue & green</td> <td>DATA+</td> </tr> <tr> <td>Brown & Orange</td> <td>DC24V</td> </tr> </table> <p>Recommended Connection: Hand in Hand</p>	Brown, White & Orange, White	COM	Blue, White & Green, White	DATA-	Blue & green	DATA+	Brown & Orange	DC24V
Brown, White & Orange, White	COM								
Blue, White & Green, White	DATA-								
Blue & green	DATA+								
Brown & Orange	DC24V								
Wiring for installation									
	<p>Detecting Range r : 4.8M</p>								
Packing list									
SB-CMS-8IN1	1 PC								
Installation Manual	1 PC								
Safety and Maintenance									
<p>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</p>									