



**Generation-4 SBUS**

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 Bus Enabled, Addressable Ceiling Mountable 9in1 Multi-Functional sensor. One device has 9 functions designed perfectly for Automation Industry techno-lifestyle needs. This All-in-One device contains: ( addressable Motion sensor, light intensity LUX sensor, Infrared receiver for easy access by remote control, 360 degrees infrared transmitter to control 250 IR codes of electronic equipment like TV, DVD...etc., addressable 2-Zone Dry contact inputs one is for Safety, and one is for Security to connect to the room window sensor and smoke detector or any other sensor, save the wiring and programming time, it has 32 Logic lines (if, then, and or, nand, nor), and it support Burglar Security Code input checking, arming and disarming, it has Built in Temperature Sensor that can be paired to HVAC2 Module, and for other reading needs) \*\*Added function: Easy S-BUS Connectors, Temperature Sensor, and mini USB firmware upgrade port, & Advanced mechanical design and size to fit ceiling boxes twist in.  
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**technical data**



**Inputs**

- 2-Dry Inputs (Volt Free) +
- 1 PIR 10mX110 degrees ,
- 1 LUX Sensor Inbuilt,
- IR Receiver inbuilt,
- 1 Temperature sensor inbuilt.

**NO/NC**

Internal Assignment enabled

**Applications**

- Security Applications in connection to: (vibration, UV, magnetic contacts, Panic, Pressure matt, PIR, microwave, Drive-way sensors...etc.)
- Safety Applications in connection to: (Gas Leak, Smoke, Pool Guard, Elevator Panic, CO gas, Bathroom Help..etc.)
- Maintenance and Health Applications in connection to: (water Leak detector, water tank low level alert, Filter sensor...etc.)
- Logic Control
- HVAC and energy Saving

**User Controls**

- LED status indicator/channel
- Diagnostic LED+ BROADCAST

**Programming**

- Advanced Software Configuration & Programming
- Manual pairing to HVAC and 1 Light channel with default 10 Min, timer

**Compliance**

CE Mark EMC

**Controls**

- 1 x Advanced RS485 S-BUS serial port links (both train & screw link types),
- 1 x 360 degree IR emitter
- 32 logic lines & 250 prog. Flags
- 250 IR codes can be saved
- Burglar security and Home safety Zone control function.

**Upgrade IO**

- 1 x mini USB port (to connect to special programming board)

**Operation Protection**

- BUS Rv. Polarity Protection
- BUS Short Circuit Protection

**SBUS DC Supply**

24VDC with flexible tolerance between 8-32VDC. Flexible ability to add power supply as to be needed any where  
 Power consumption: 15mA

**Installation**

- Ceiling Mount Twist & Lock Ready

**Operating Environment**

0° to 45°C ambient temperature  
 20% to 93% RH

**Enclosure & Size**

Polycarbonate

**Dimensions & Weight**

W 85mm x L 85mm x H 39mm  
 Packed weight 0.15 kg



**control compatibility**



- Security • Safety • Maintenance • Health
- Automation



**commercial**



GTIN (UPC-EAN): 0610696255996  
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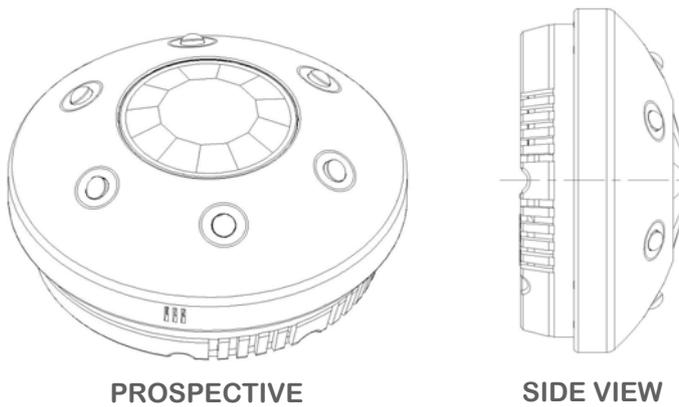
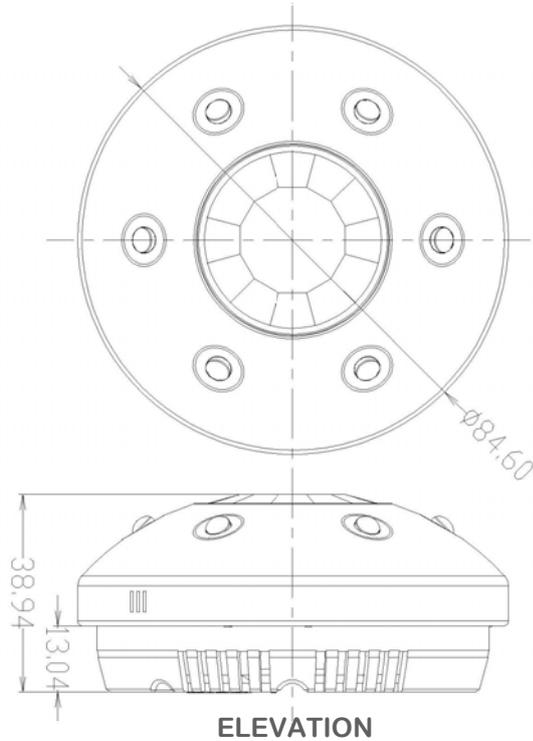
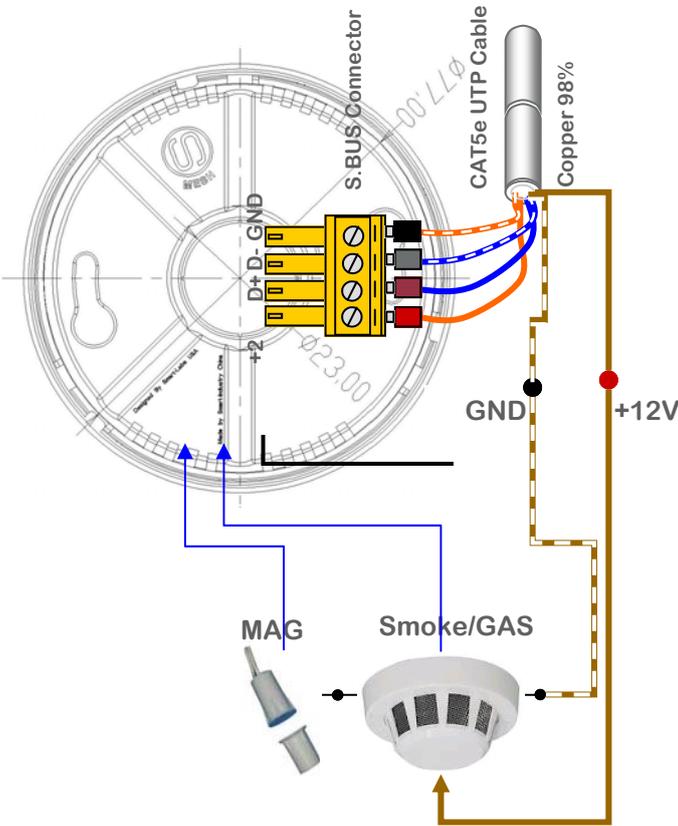


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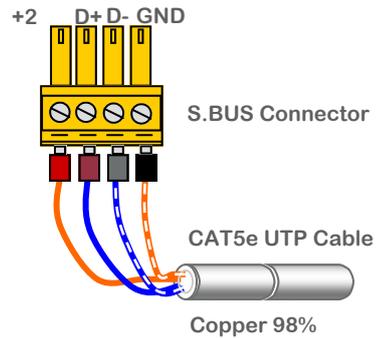


connection diagram

mounting dimensions



S-BUS connection



UTP core colors

S.BUS +24V		orange
S.BUS GND		w/orange
S.BUS D+		blue
S.BUS D-		w/blue
Spare		green
Spare		w/green
Spare +12v		brown
Spare -12V		W/brown



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