

Features

HDL-MSP02.4C ceiling mount PIR sensor includes , PIR motion sensor, LUX sensor ,received, logic block. the logic block can combine all of sensor for different application, Support HDL security mode and command.

- Equipped with brightness sensor, PIR sensor and universal switch witch can be used as logic conditions.
- 2 Logic Relations : OR、 AND
- 24 Logic Blocks function, up to 20 control targets in each logic block.
- Sensitivity adjustable , range from 1 to 100.
- Universal switch number were assigned to 201-248 in logic conditions, 2 switch numbers for each logic, universal switch has auto-off function (from 1 to 3600 seconds)
- Logic can trigger the control target no matter it' s valid or not
- Security function, to be used with the security module
- Support HDL-BUS Pro online upgrading

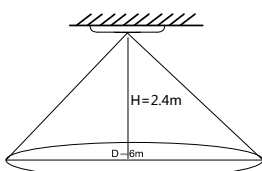
Important Notes

- **Installation Location** – if using PIR function in door, please stay away from AC outlets and heat source.
- **Environment temperature** - if using PIR function, please make sure the temperature is below 36°C .
- **Detect target** – PIR only can detect moving objects with heat radiation like human, animal, ultrasonic can detect all moving objects
- **Bus Cable**– HDL-Bus/ KNX cable
- **Bus Connection** - Recommend Hand in hand
- **Installation** – Ceiling mount

Product specifications

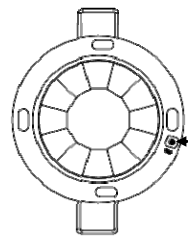
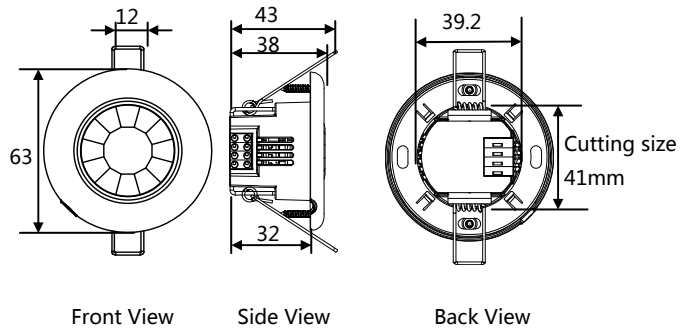
- Working voltage : DC12-30V
- Power Consumption : 12mA/DC24V
- Range for LUX sesnor: 0-5000Lux
- PIR Sensing range in diameter : 6m (install height-2.4m)
- Dimension : 63 (D) ×38mm
- CE Certification
- Working Temperature : 0~45°C
- Working Humidity : 40%~90%
- Storage Temperature : -40°C~+55°C
- Storage Humidity : 10%~93%
- Protection : IP20

PIR Sensing range in diameter



Type

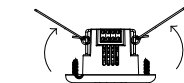
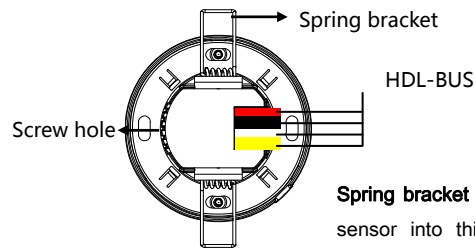
HDL-MSP02.4C



Interior Design

Indicator for module, flicker when module is working fine. Keep pressing it for 3 seconds, can modify the address of the module in HDL-Bus Pro Set Up Software.

Indication :



Spring bracket installation

Spring bracket installation: it used to install the sensor into thin ceiling, wooden boards etc, make a round hole with diameter of 45mm, then get stuck with the spring bracket.

Screw installation: it used to install the sensor into special back box, thick wall or wooden ceiling that cannot use spring bracket. You must remove off the spring bracket when install the sensor by screw.

HDL-BUS Definition for cable

Bus	HDL Bus/KNX Cable
COM	Black
DATA-	White
DATA+	Yellow
DC24V	Red



WARNING

Safety Attention

- Screw down strength must be less than 0.2Nm
- Do not get wrong connection for bus interface, it will damage the interface of this device.
- Do not get AC power into Bus cable, it will damage other device in Bus
- Non-rain, Non-contact with other liquids or corrosive gases