

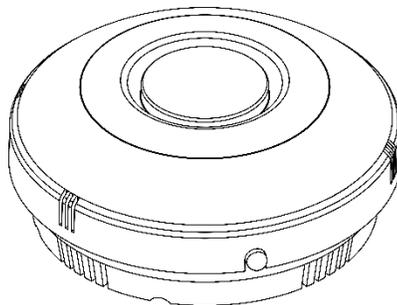
Description

Sending and receiving environmental information always play an important role in the smart home systems.

The smart sensors of HBB are able to receive Infrared (IR) commands from remote control and send IR signal in order to control multimedia devices and AC unit. It also detects light. It also makes decision based on determined logic and then implements smart command.

Features

- Infrared sender
- Infrared receiver
- Logic
- Light sensor
- Universal switch

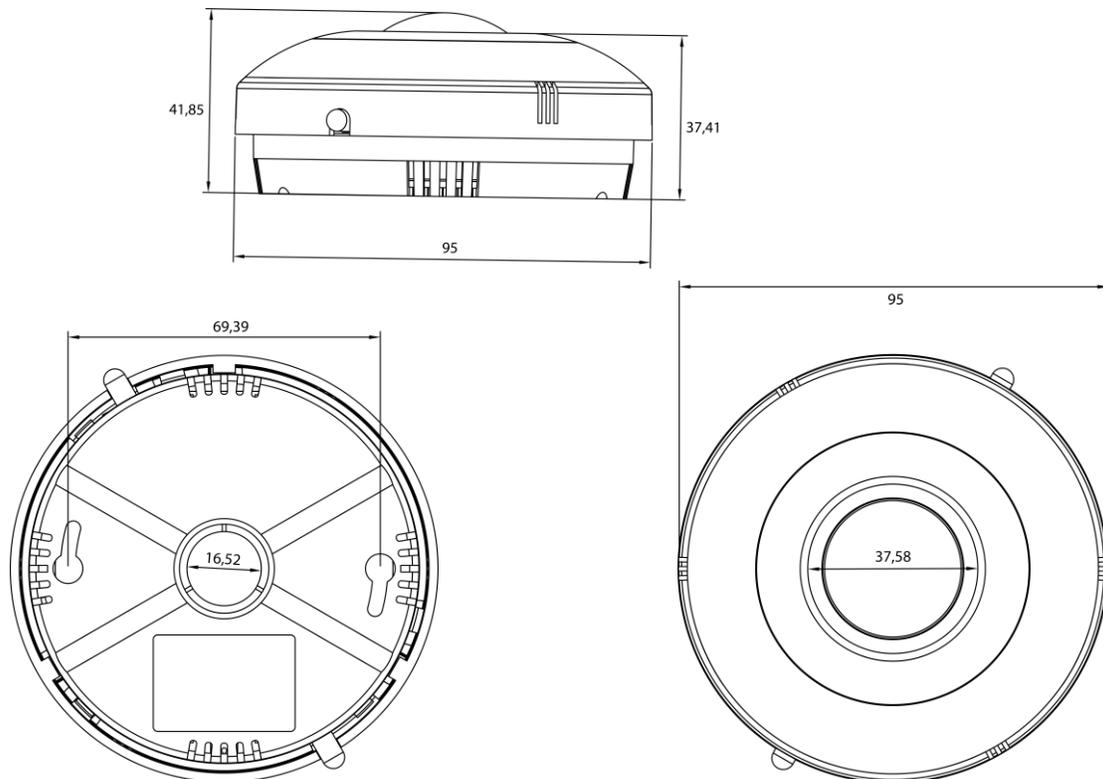


H5 Sensor

Specifications

- Operating voltage: 10 ~ 24.5V DC
- Maximum current: 200 mA
- Normal current at 24V: 10 mA
- Button: Debug / Broadcast detection / Factory reset
- Light sensor: Normal LDR , digital output to 100 levels
- IR sensors: Sender and receiver, 30 ~ 60 KHz, multi protocol
- Maximum operating temperature: 50 °C
- Maximum operating humidity: %45
- Weight: 100 g
- Size: 95 * 95 * 41.85 mm

Dimensions (mm)



H5 Sensor

Communication

H.BUS GND		orange
H.BUS GND		w/orange
H.BUS D+		blue
H.BUS D-		w/blue
H.BUS D+		green
H.BUS D-		w/green
H.BUS +24V		brown
H.BUS +24V		w/brown

