

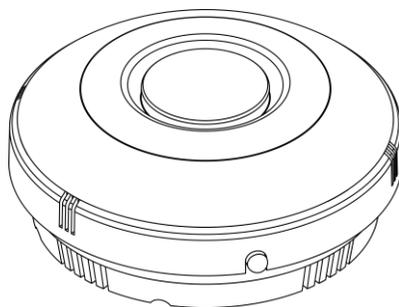
Description

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 movement, light, temperature, noise and gas parameters. It also makes decision based on determined logic and then implements smart command.

Features

- Infrared sender
- Infrared receiver
- Temperature sensor
- Logic
- Movement sensor
- Light sensor
- Universal switch
- Gas sensor
- Sound detector

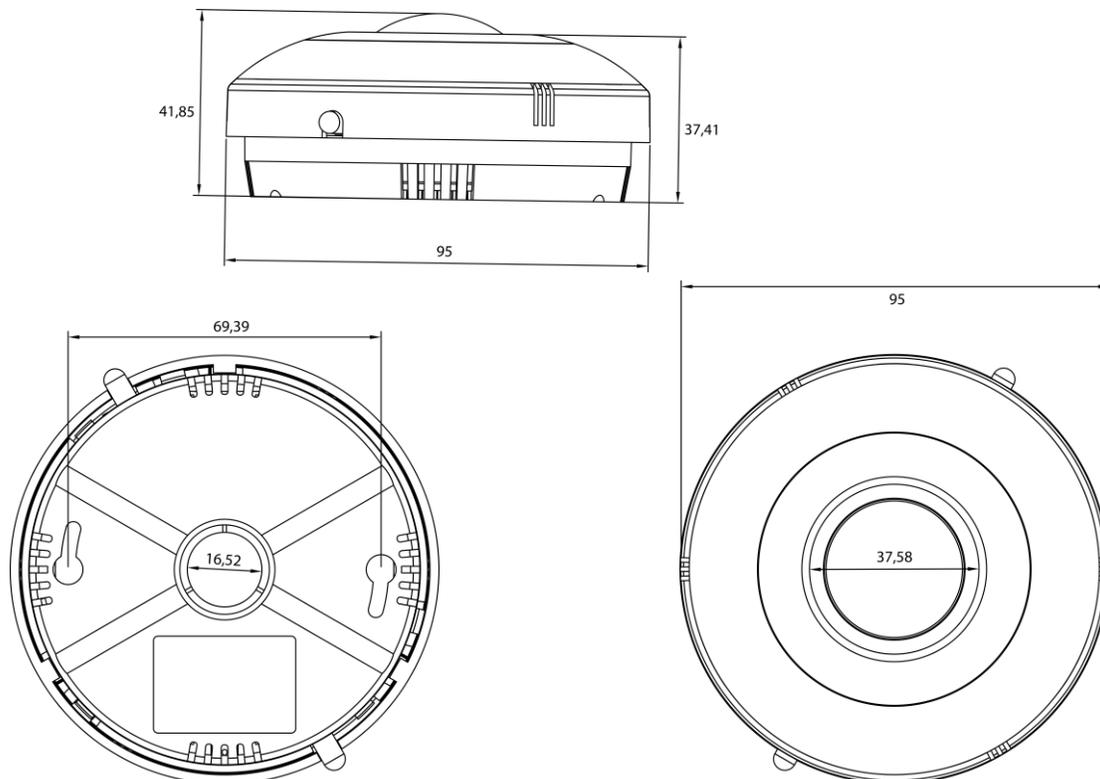


H9 Pro Sensor

Specifications

- Operating voltage: 10 ~ 24.5V DC
- Maximum current: 200 mA
- Normal current at 24V: 10 mA
- Button: Debug / Broadcast detection / Factory reset
- Temperature sensor: Normal NTC ± 1 °C
- Gas sensor: toxic gases detection
- Sound detector: microphone with differential level detection
- Light sensor: Normal LDR , digital output to 100 levels
- Movement sensor: PIR sensor, activation and holding delays
- Digital inputs (2z): Active low (GND input)
- 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)



H9 Pro 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

