

# HA09/W/IP54

Metal Mount Box | Surface Mounting | Includes IP54 Waterproof Gasket



## Benefits

- Convenient: Housing in stand-alone sensor for surface mount
- Durable: Metal materials for robust ceiling/surface installations
- Easy: Simple installation

## Applications

- Sensor housing for ceiling/surface mounting
- Offices
- Classrooms

Check Out the Complete System Solution on the Website:  
<https://www.hytronik.com/product/HA09-W-IP54>

## Product Description

The HA09/W/IP54 Metal Mount Box offers seamless integration with standalone sensors, including an IP54 waterproof gasket that enables outdoor application. Crafted from durable metal, it ensures reliable mounting in diverse environments, enhancing sensor functionality and accessibility.

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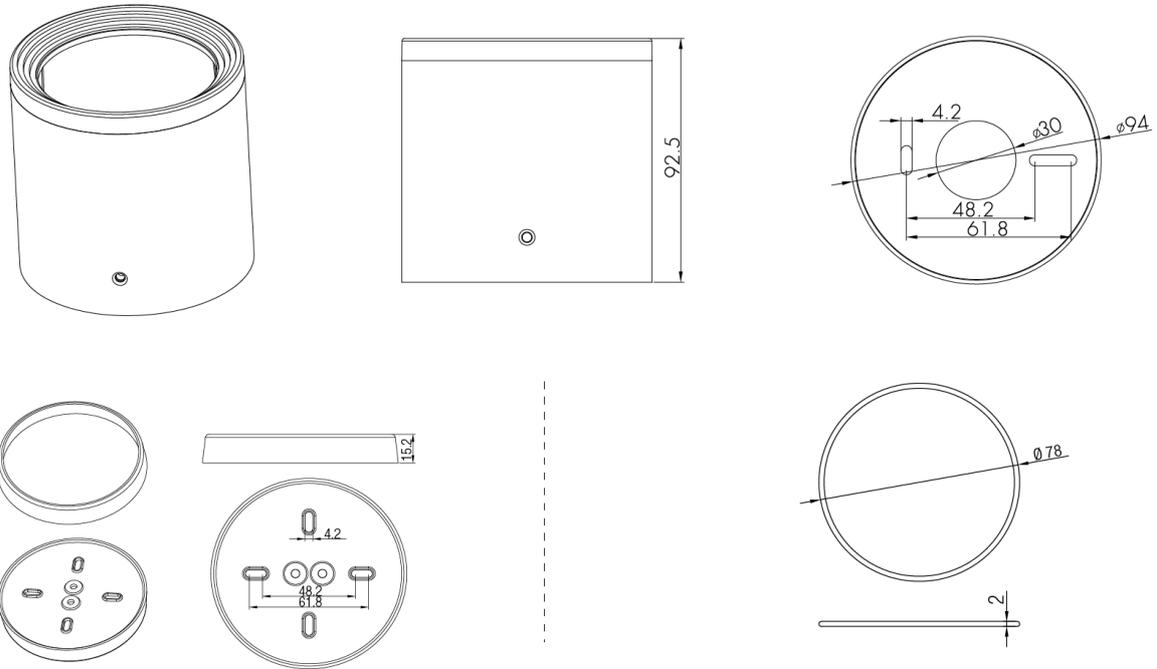
## Specifications

| Technical      |         |
|----------------|---------|
| Product weight | 240.0 g |
| Product height | 92.5 mm |
| Product length | 94.0 mm |
| Product width  | 94.0 mm |
| Mounting hole  | 4.2 mm  |

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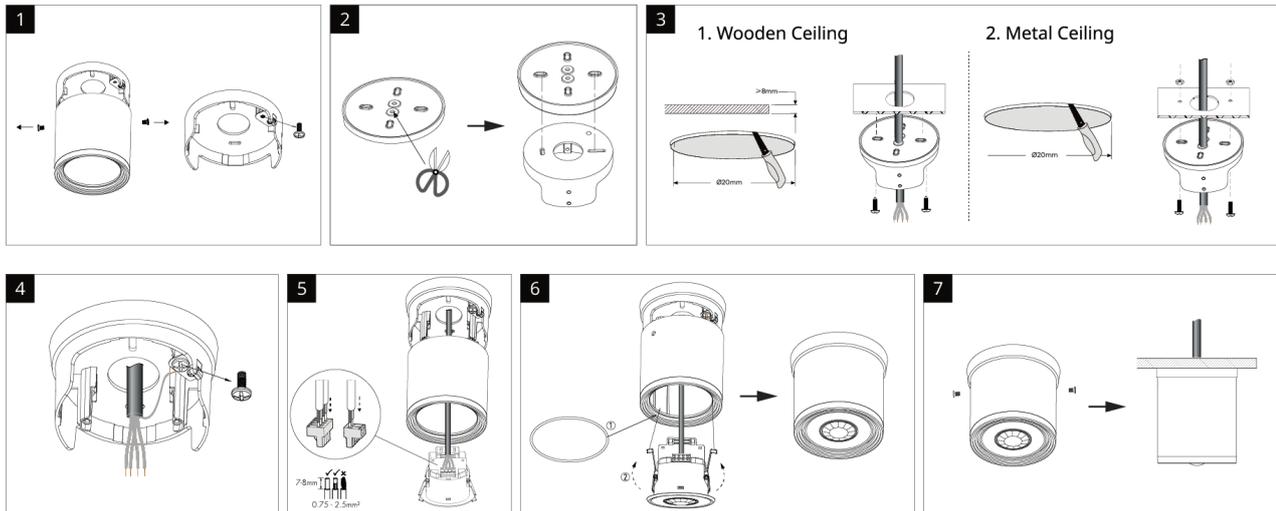
## Technical Drawing



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## Installation Process



## Detailed Installation Instructions

1. Disassemble the Metal Box: Remove the screws at both ends of the sleeve. Separate the base and the Sleeve. Then also remove the grounding screw.

2. Use a tool to pierce the small hole inside the circle, and then thread the wire through it. Align the base and the big sealing ring.

3. Wiring: Attach the ground wire. Drill a Ø20mm hole. Feed the cable through the ceiling and backplate.

**Wood: Use self-tapping screws to fix the base.**

**Metal: Use M4 machine screws with nuts for better stability.**

Note: For both wooden and metal ceilings, ensure the structure can support a minimum weight of 350g.

4. Wiring: Attach the ground wire.

5. The connected terminal wires pass through the sleeve, then connect the corresponding functional cables to the sensor.

6. After placing the sealing ring into the groove, Then fold the sensor spring upwards and push it into the groove.

7. Reassemble the Sleeve: Align the screw holes on both sides and secure the box body to the base. Then complete the installation.

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## Commissioning Instructions and Precautions

1. This product should be installed by a qualified electrician.
2. Installation steps vary depending on ceiling type. Follow the datasheet for approved installation process to ensure compliance.

**Warning:** For additional important documents, including installation precautions, product guidelines, and guarantee conditions, please refer to the official downloads.

<https://hytronik.com/service/downloads>

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## Options

### Included Accessories



Big silicon gasket | IP54



Small silicon gasket | IP54

### Compatible products (for full functionality)



#### HBIR29

PIR Lowbay | Bluetooth DALI + Circadian Rhythm | Ceiling mounting

[www.hytronik.com/product/HBIR29](http://www.hytronik.com/product/HBIR29)



#### HBIR29/RH

PIR Highbay | Bluetooth DALI + Circadian Rhythm | Ceiling mounting

[www.hytronik.com/product/HBIR29-RH](http://www.hytronik.com/product/HBIR29-RH)



#### HBIR29/H

PIR Highbay | Bluetooth DALI + Circadian Rhythm | Ceiling mounting

[www.hytronik.com/product/HBIR29-H](http://www.hytronik.com/product/HBIR29-H)



#### HBMW29/PRO

True Occupancy | Bluetooth/DALI | Ceiling mounting

[www.hytronik.com/product/HBMW29-PRO](http://www.hytronik.com/product/HBMW29-PRO)



#### HBIR29/R

PIR Lowbay | Bluetooth DALI + Circadian Rhythm | Ceiling mounting

[www.hytronik.com/product/HBIR29-R](http://www.hytronik.com/product/HBIR29-R)