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ENCELIUM B07PHJTYV4 Wireless Ceiling Mount Sensor Instruction Manual

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ENCELIUM

ENCELIUM B07PHJTYV4 Wireless Ceiling Mount Sensor



PRODUCT SAFETY

When using electrical equipment, basic safety precautions should always be followed, including the following:

READ THESE INSTRUCTIONS BEFORE USING THIS PRODUCT.

- Do not mount near gas or electric heaters
- Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
- The use of accessory equipment is not recommended as it may cause an unsafe condition.
- Do not use this equipment for other than the intended use.

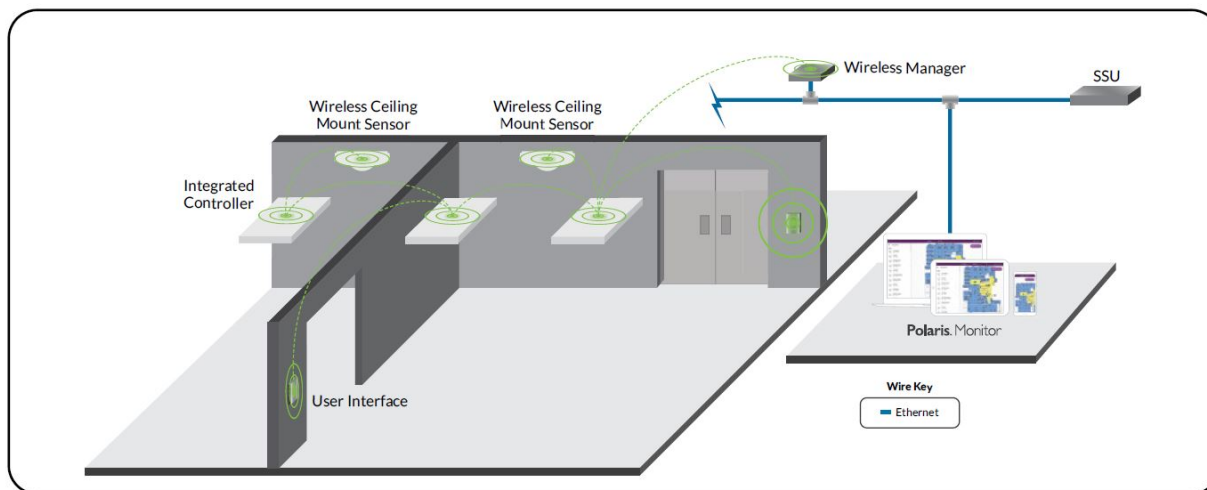
GETTING STARTED

Overview

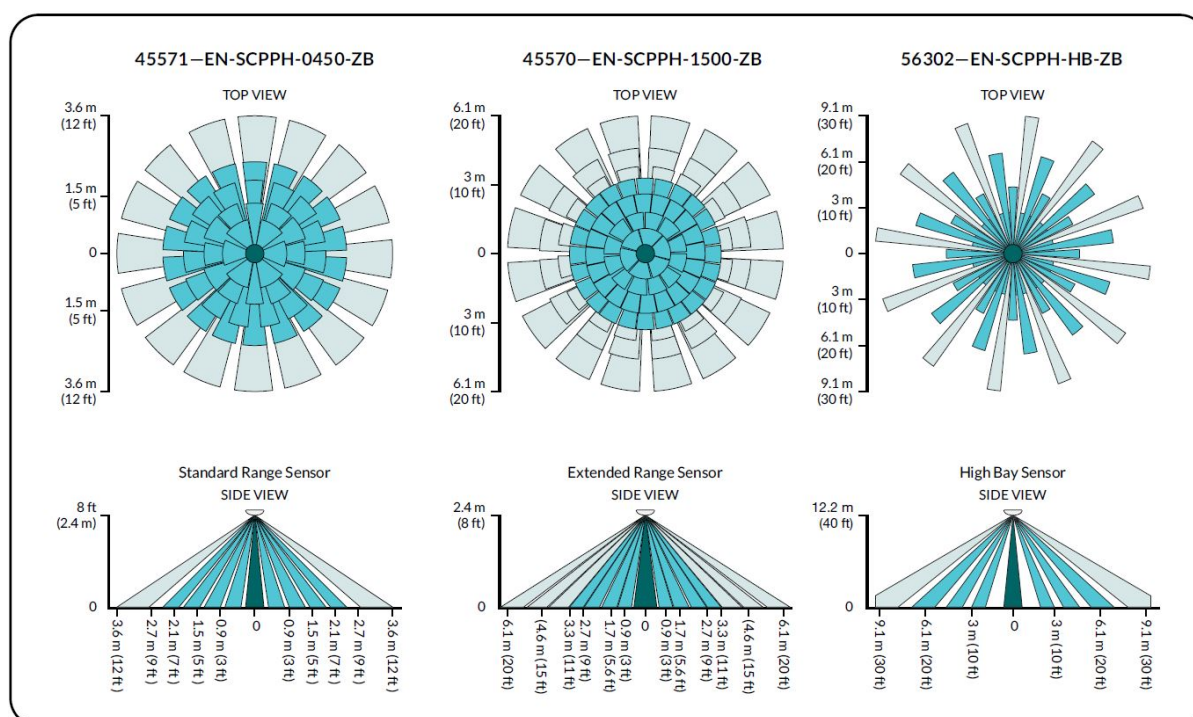
The Encelium Wireless PIR/Photo Sensors collect occupancy and daylight information from a lighted space and communicate collected data to the Encelium X Lighting Control System over a mesh network based on Zigbee® standards.

WIRELESS SYSTEM OVERVIEW

This illustration shows how each component is easily integrated into the Encelium X Lighting Control System.



SENSOR COVERAGE



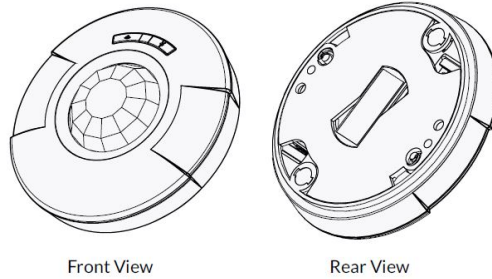
Notes: The sensor must be installed in dry, indoor locations ONLY. Do not install the sensor in damp locations. Damp locations are defined as: interior locations subject to moderate degrees of moisture, such as basements, barns, cold-storage warehouses, as well as partially protected locations under canopies, marquees and porches with open roofs. The sensor provides a 360° coverage pattern. It is recommended that the sensor be installed more than 4 ft (1.2 m) away from air supply vents.

Wireless Ceiling Mount Sensor Installation Instructions

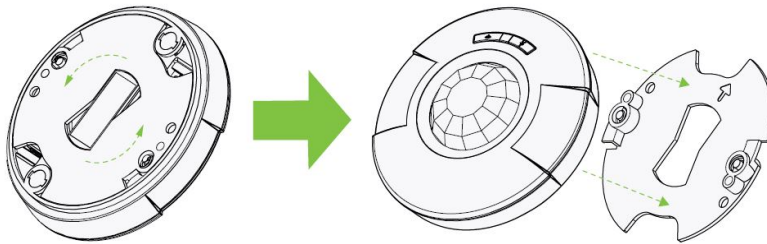
Wireless Ceiling Mount Sensor

INSTALLATION

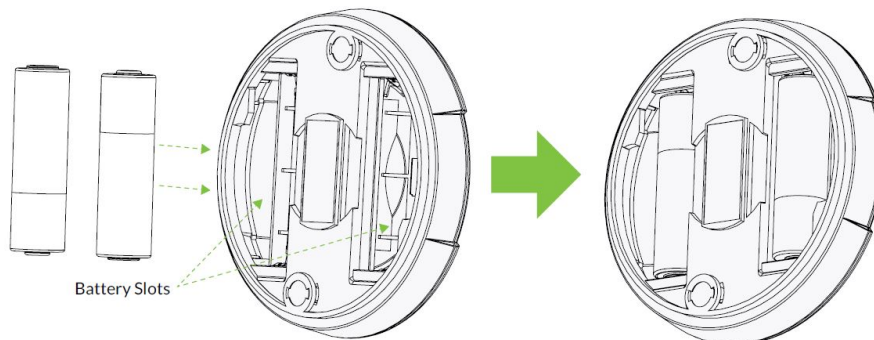
Wireless Ceiling Mount Sensor front and rear views.



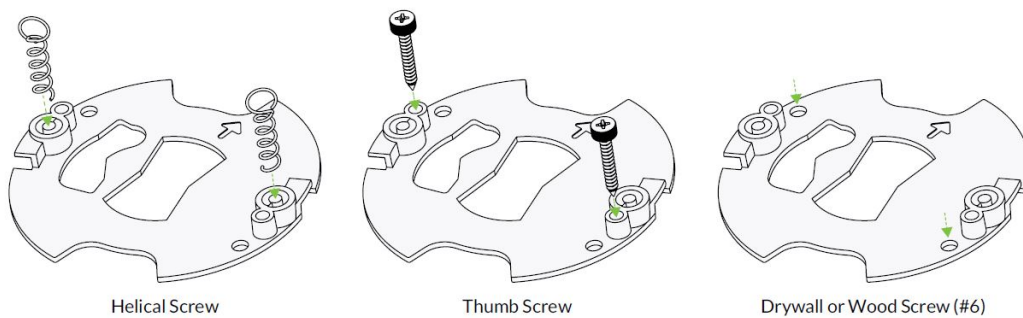
Remove the mounting plate. Twist counterclockwise using your fingers and lift.



Two AA alkaline batteries are provided with the wireless PIR/Photo Sensor. When replacing these batteries, use only alkaline type batteries. Install the batteries according to the battery compartment markings.

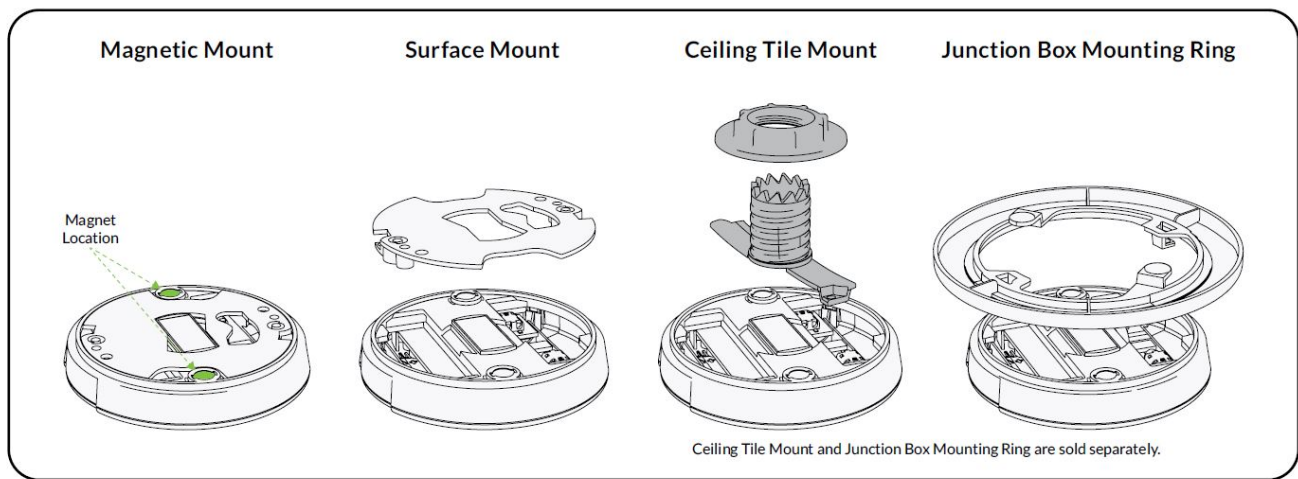


The Wireless Ceiling Mount Sensor may be installed directly to a ceiling surface (ceiling tile, drywall ceiling, etc). There are several screw options available to affix the sensor directly to ceiling surfaces



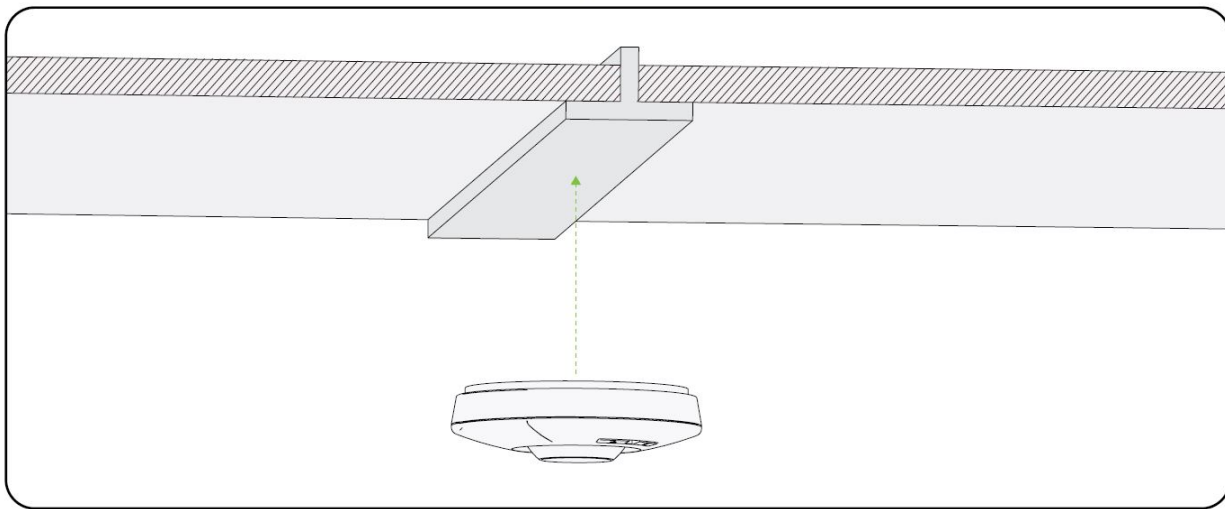
MOUNTING OPTIONS

The Wireless Ceiling Mount Sensor can be mounted in a variety of ways depending on the type of ceiling.



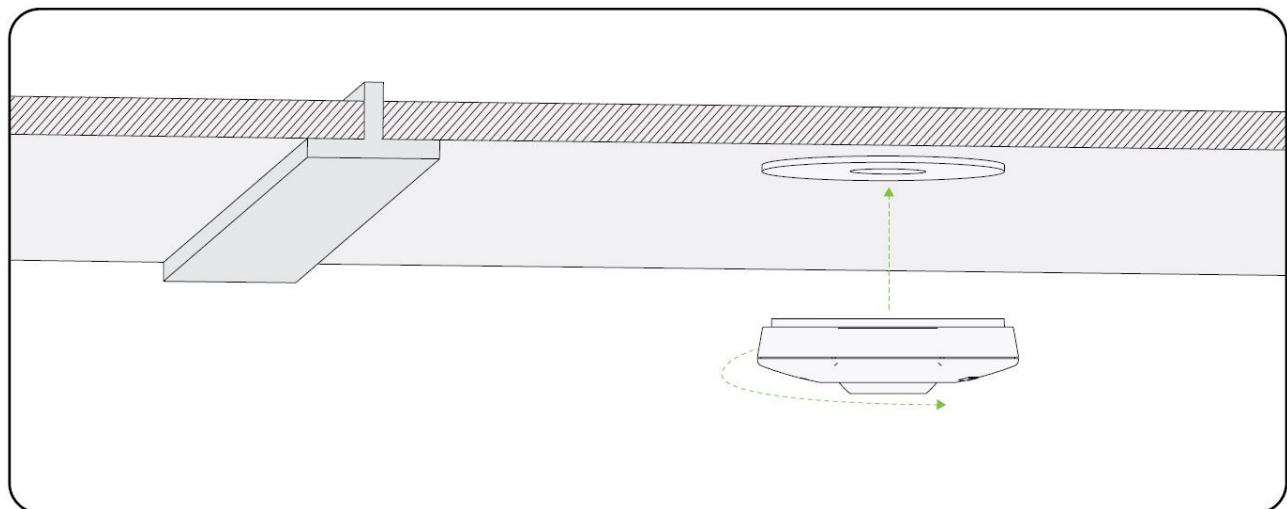
Option 1 — Magnetic Mount

The magnets allow the device to be affixed to a metallic ceiling surface (metal plate, drop-ceiling T-bar, etc). The Wireless Ceiling Mount Sensor's rear plate must be removed when utilizing this installation method



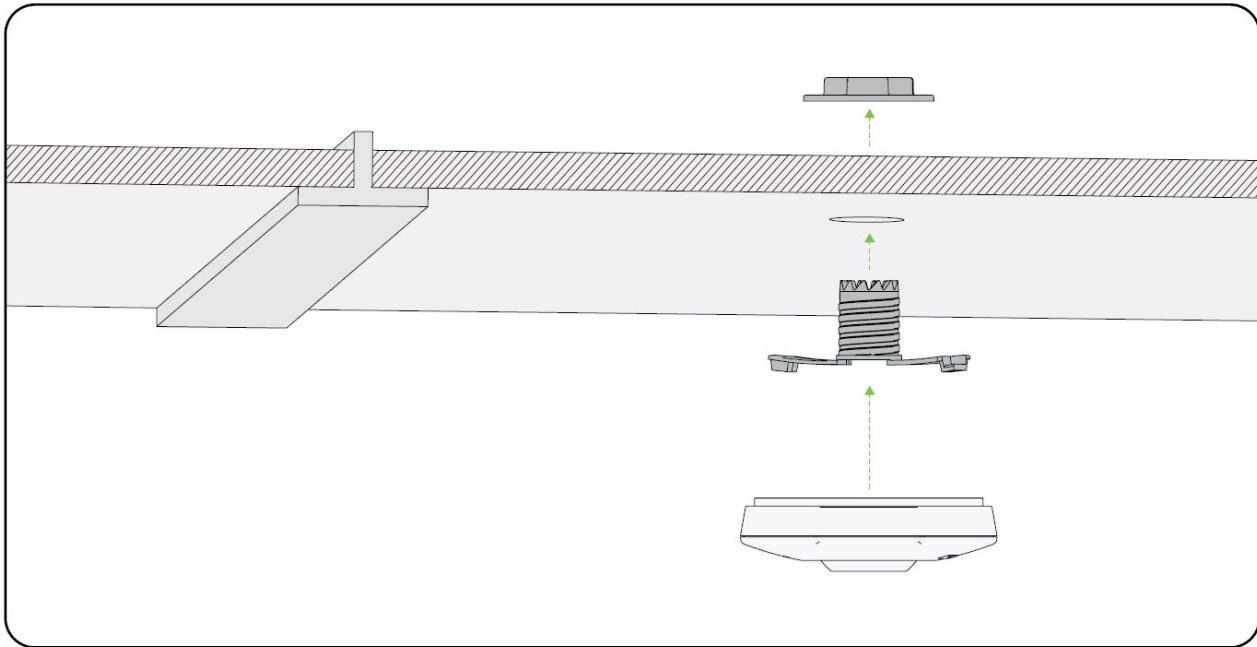
Option 2 — Surface Mount

Install the main sensor assembly to the mounting plate that has been already attached to the ceiling tile. Slightly rotate the Wireless Ceiling Mount Sensor clockwise until it snaps in with the mounting plate.

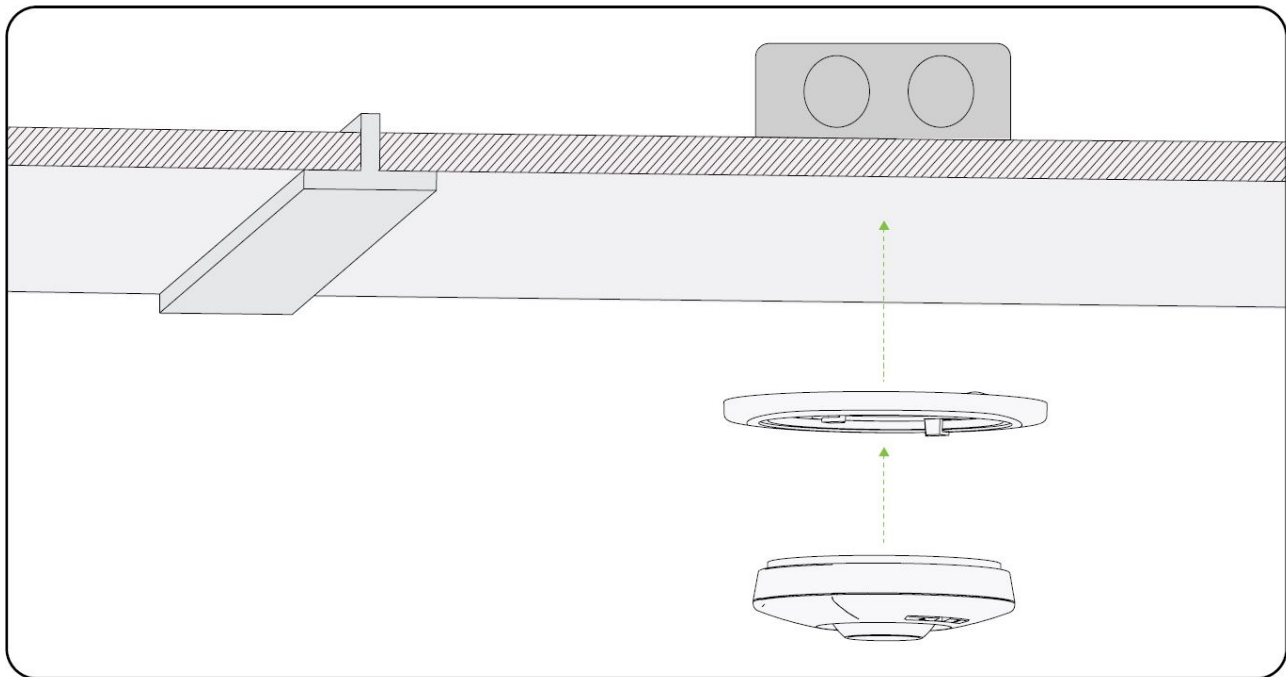


Option 3 — Ceiling Tile Mount

Use the nut and knock-out mount supplied with the Wireless Ceiling Mount Sensor accessory for knock-out mounting purposes.

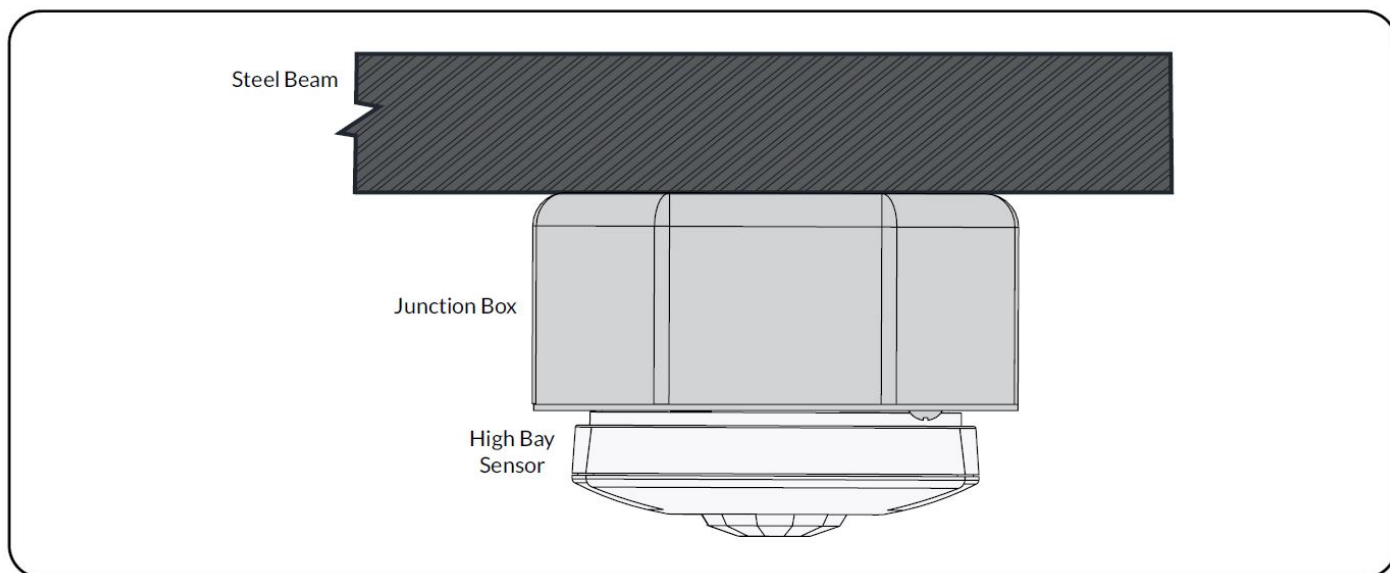


Option 4 — Junction Box Mounting Ring



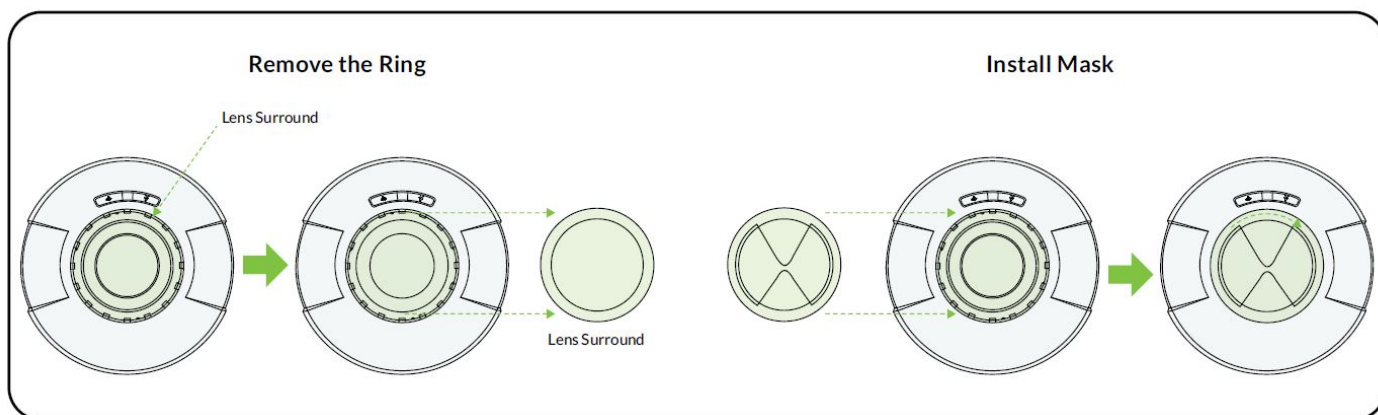
Option 5 — High-Bay Mount

The magnets allow the device to be affixed to a metallic ceiling surface (metal plate, drop-ceiling T-bar, etc). The Wireless Ceiling Mount Sensor's rear plate must be removed when utilizing this installation method.



SENSOR MASK INSTALLATION

- Remove the ring (lens surround) from the sensor assembly. This can be achieved by rotating the ring counter-clockwise.
- Place the supplied mask and rotate clockwise until it latches.



TROUBLESHOOTING

There are no user-serviceable parts inside. For detailed information about how to set-up, install, use, and maintain Encelium hardware and software, please visit: help.encelium.com

REGULATORY APPROVAL

Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules. This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the installation instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Contains FCC ID: H79DFZM-E7220

Contains IC ID: 4259B-DFZM7220

Notes: This equipment has been tested and found to comply with Industry Canada ICES-003 Issue 5 (CAN ICES-3 (A)/NMB-3 (A)).

Documents / Resources



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