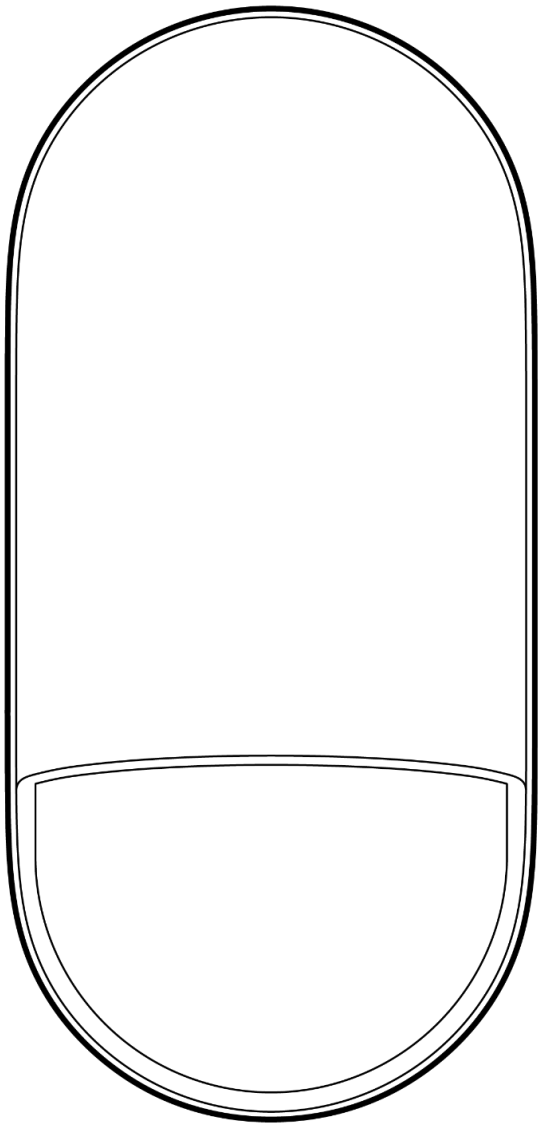
Install Guide

QM11-W Wireless Wall-Mounted Motion Sensor



Document

Document Details

Version

V1.0 20250919
(V1.0 published 20250919)

Firmware

Firmware version can be verified on Verkada Command command.verkada.com.

Product Models

This install guide pertains to model QM11-W-HW.

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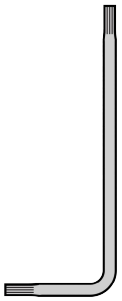
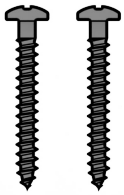
What's in the Box

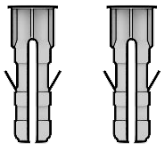
Motion Sensor



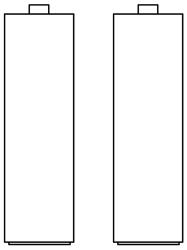
T10 Security Torx L-Key



Wood Screws (2 pcs)



Wall Anchors (2 pcs)



L91 AA Batteries (2 pcs)

What you'll need

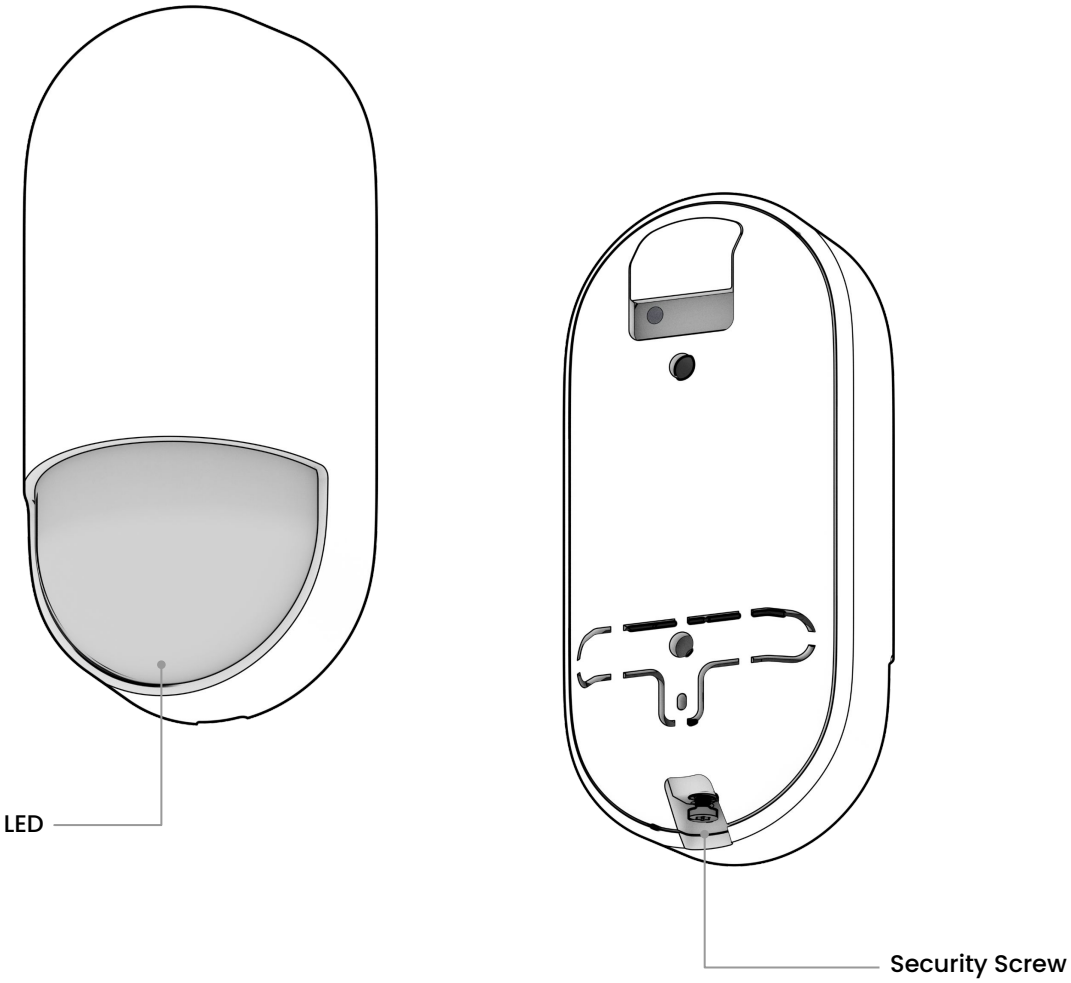
- Verkada VLink Hub
- A smartphone or laptop
- A working internet connection
- 1/8 inch (3.2mm) drill bit for pilot holes
- #2 Phillips head screwdriver/driver bit
- Two L91 AA Batteries (included)

Connect

For easy registration and setup, scan the QR code on the product.

If you prefer to manually register your product, please proceed to: verkada.com/start

Overview



LED Behaviors

Install Mode

To enable Install mode, power cycle the device by removing the battery or enable from Command. The LED will remain active for 5 minutes.

- **Solid Green**
  Sensor is detecting motion (PIR and Microwave).

- **Blinking Green**
  Sensor is searching for a hub to connect to.

- **Blinking Red**
  Sensor cannot find a hub to connect to.

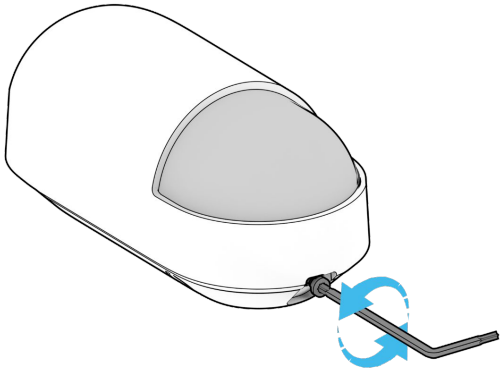
Technical Specifications

Battery	2x non-rechargeable Energizer Ultimate Lithium L91 AA batteries (included). **5-year typical battery life.*
RF Connectivity	VLink transceiver with internal antenna (863MHz - 928MHz).
RF Range	≥ 2000ft (600m) open field line of sight range when paired with any of Verkada's VLink capable hubs (ex: BP32, BP52, BK22, BE32, WH32, WH52).
Microwave Frequency	X-Band Radar Module operating frequency range (10.52 - 10.53 GHz).
Detection Method	Dual Technology with PIR Sensor and X-Band Microwave Radar.
Detection Range	50ft x 50ft (15m x 15m) with 90 degree FOV.
Movement Detection Speed	1.0 – 8.2 ft/s (0.3 – 2.5m/s)
Tamper Detection	Yes, breakaway tab.
Dimensions	4.72in (L) x 2.25in (W) x 2.03in (H) / 120mm (L) x 57mm (W) x 51.5mm (H)
Weight	5.36oz / 152g
Operating Temp. & Humidity	32°F-122°F / 0°C-50°C, 0-90% RH non-condensing

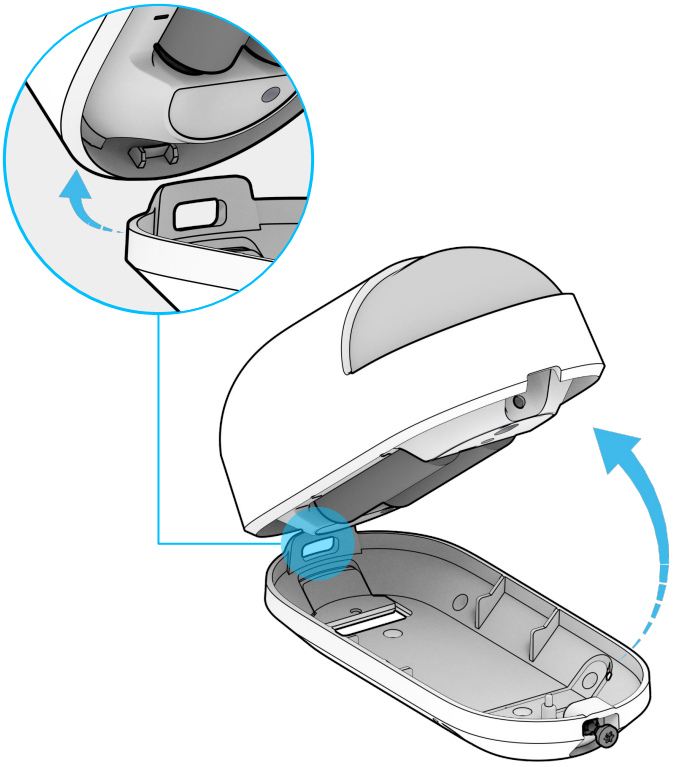
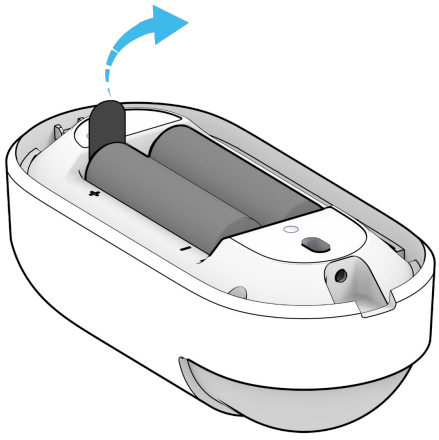
**Based on 150 motion events a day and the status LED disabled during normal operations. Battery life may vary depending on environmental conditions and number of events per day.*

Preparation

Use the provided T10 Security Torx L-Key to unscrew the security screw at the bottom of the device.



Swing the bottom of the device away from the mount plate and disengage the hook at the top of the magnet mount.



Remove the battery pull tab.