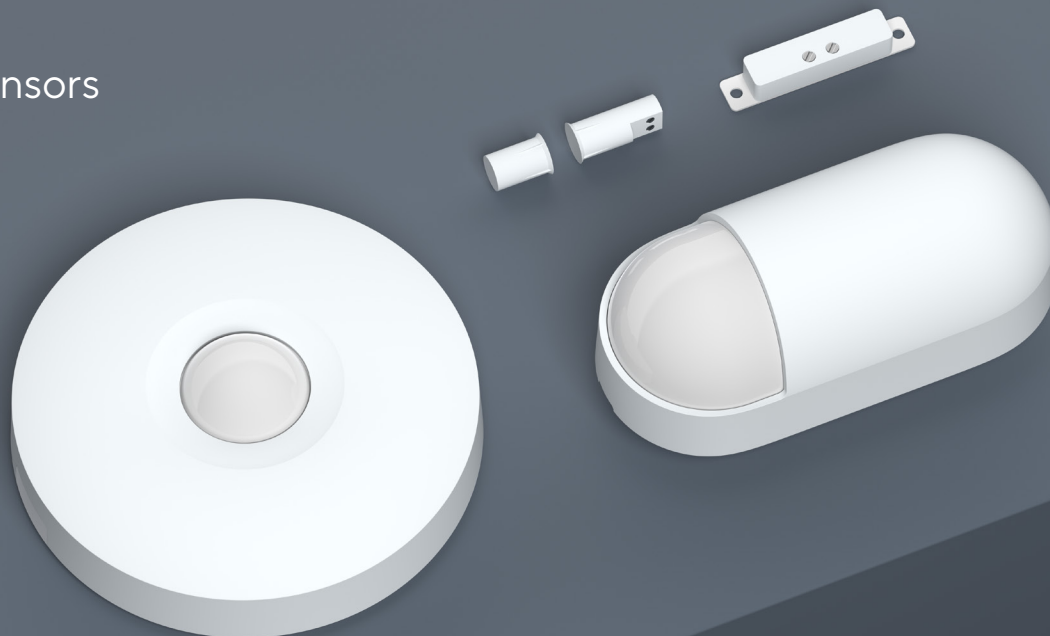


Alarms sensors

Wired alarm sensors



Overview

Verkada's wired sensors are designed for easy installation, easy management, and reliable performance with a 10-year warranty. The line includes motion and door contact sensors, which connect to the BP52 Alarm Panel, BP42 Alarm Panel, and BE32 Expander. Users can configure and monitor sensors across all sites in Command, Verkada's cloud-based management platform.

The Better Sensor Protocol (BSP) enables wired sensors — Verkada or third-party — to be daisy-chained in an addressable loop. BSP sensors wire directly into the loop with no sensor adapter, while third-party and previous-generation Verkada sensors connect to the loop using the QX51 Sensor Adapter.

Key features

Easy to set up

- One click to pair a context camera
- Configure parameters and partitions in Command—no on-site programming

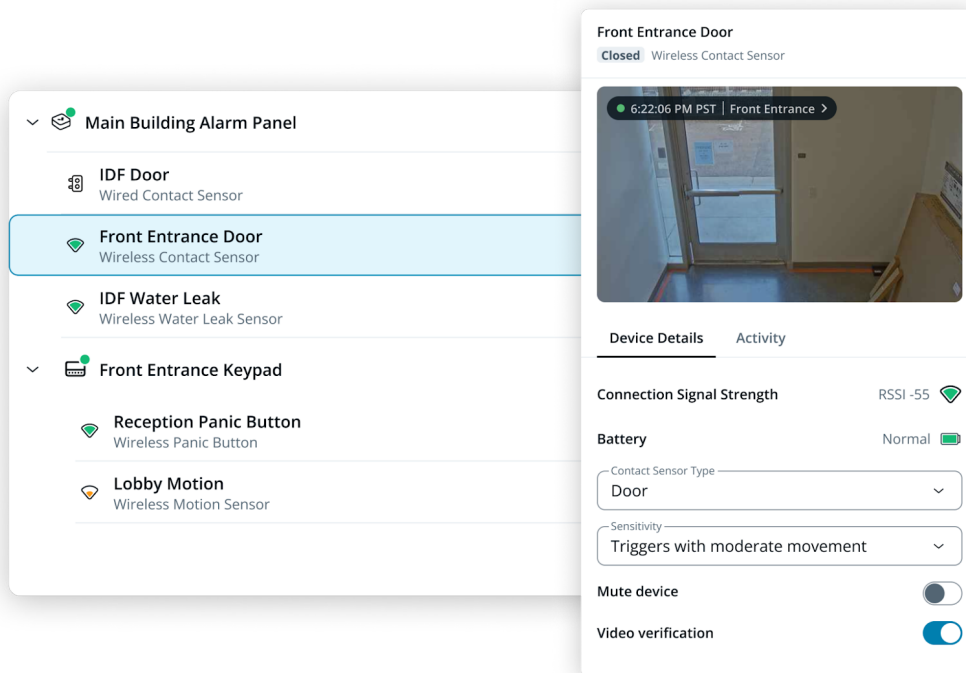
Easy to manage

- Remote visibility of live and historical sensor activity
- Mute a sensor for a set time period



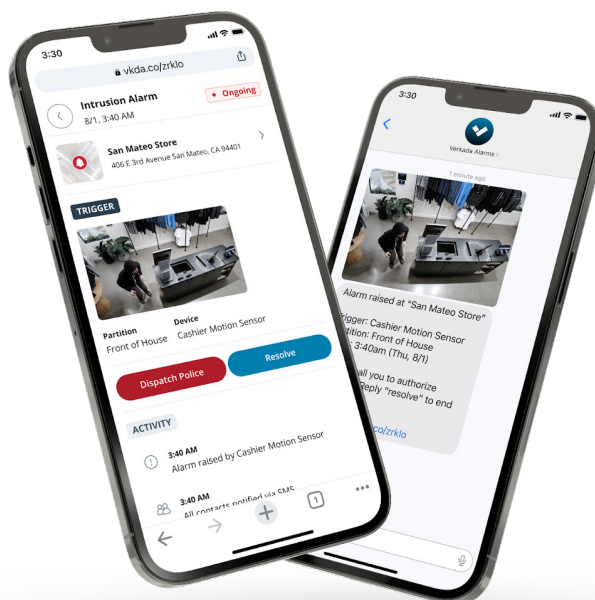
Cloud-managed

Verkada's cloud-based management platform, Command, brings unified visibility and control across all alarm sites. For each sensor, users can remotely view live/historical activity, configure parameters, pair a context camera, and mute it for a set time period.



Native camera integration

Easily pair sensors with Verkada or third-party cameras in Command to get video context delivered to your fingertips. If video verification is enabled, monitoring agents will review footage of sensor events and dismiss the alarm if no person is seen. This can prevent false alarm calls and fines from false police dispatches.





QM11-R BSP Wall Motion Sensor

Tech specs



Power

Power consumption	0.3W max	Power input	12-36V DC input
-------------------	----------	-------------	-----------------

Sensor features

Field of view	85°, 50ft (15m) maximum	Tamper switch	Yes, breakaway tab
---------------	-------------------------	---------------	--------------------

General

Dimensions	Height: 2.03in / 5.16cm Width: 2.25in / 5.72cm Length: 4.72in / 11.99cm	Operating temperature and humidity	32°F-122° / 0°C-50°C, 0-90% RH non-condensing
Weight	5.36oz / 152g	Warranty	10 years
Certifications	FCC, ISED		

Installation

Included accessories	Wall screws, wall anchors, L-key
----------------------	----------------------------------



QM21-R BSP Ceiling Motion Sensor

Tech specs



Power

Power consumption	0.3W max	Power input	12-36V DC input
-------------------	----------	-------------	-----------------

Sensor features

Detection range	15ft (4.5m) maximum	Tamper switch	Yes, breakaway tab
-----------------	---------------------	---------------	--------------------

General

Dimensions	Height: 1.26in / 3.2cm Width: 4.61in / 11.71cm Length: 4.61in / 11.71cm	Operating temperature and humidity	0°C-50°C / 32°F-122°, 0-90% RH non-condensing
Weight	5.12oz / 145.1g	Warranty	10 years
Certifications	FCC, ISED		

Installation

Included accessories	Wall screws, wall anchors, L-key
----------------------	----------------------------------



BR11 Wired Motion Sensor

Tech specs



Power

Power supply	8-16VDC; 15mA at 12VDC
--------------	------------------------

Sensor features

Detection range	49ft (15m) maximum	Tamper switch	Normally closed. 50mA at 30VDC
Sensitivity	Selectable: standard or high	Temperature compensation	Bi-directional

General

Dimensions	Height: 3.7in / 9.4cm Width: 2in / 5.1cm Depth: 1.7in / 4.2cm	Operating temperature	-40 to 122° F / -40 to 60° C
Warranty	10 years	Certifications	FCC, CE, ICES, UKCA, RCM, NOM, NDAA

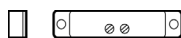
Installation

Included accessories	Wall screws, wall anchors
----------------------	---------------------------



BR12/BR13 Wired Door Contact sensor

Tech specs



BR12



BR13

Power

Switching voltage / current	30VDC max, 0.5A	30VDC max, 0.5A
-----------------------------	-----------------	-----------------

Sensor features

Mount style	Surface mount	Recessed mount for aesthetically sensitive areas
Switch style	Normally closed	Normally closed
Connection	2-wire	2-wire

General

Dimensions	Sensor: Height: 0.4in / 1.0cm Width: 2in / 5.1cm Depth: 0.3in / 0.8cm Magnet: Height: 0.4in (1.0cm Width: 2in / 5.1cm Depth: 0.3in / 0.8cm	Sensor: Diameter: 0.37-0.43in / 0.95-1.10cm Length: 0.9in / 2.3cm Magnet: Diameter: 0.37-0.43in / 0.95-1.10cm Length: 0.6in / 1.5cm
Gap width	0.3-1.3in / 0.7cm to 3.2cm	0.3-0.6in / 0.7cm to 1.5cm
Resistance	100mΩ initial contact resistance	100mΩ initial contact resistance
Operating Temperature	-40 to 122° F / -40 to 60° C	-40 to 122° F / -40 to 60° C
Certifications	FCC, CE, ICES, UKCA, RCM, NOM, NDAA	FCC, CE, ICES, UKCA, RCM, NOM, NDAA
Warranty	10 years	10 years

Installation

Included Accessories	Wall screws, wall anchors	-
----------------------	---------------------------	---



Ordering information

Alarms sensors

Model number	Description	US cost (MSRP) ^{USD}	WW cost (MSRP) ^{USD}
QM11-R-HW	BSP Wall Motion Sensor	\$199	\$199
QM21-R-HW	BSP Ceiling Motion Sensor	\$199	\$199
BR11-HW	Wired Motion Sensor	\$99	\$99
BR12-HW	Wired Surface Mount Door Contacts - 5 Pack	\$99	\$99
BR13-HW	Wired Recess Mount Door Contacts - 5 Pack	\$99	\$99