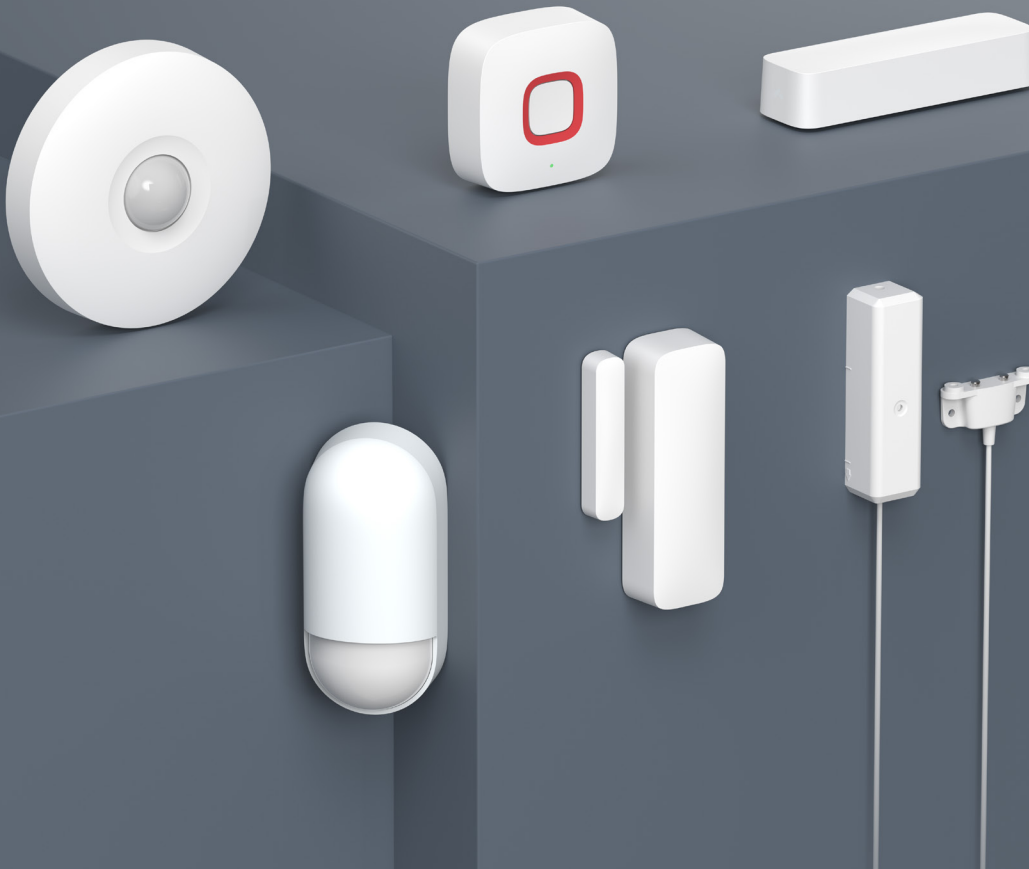


Alarms sensors

Wireless alarm sensors



Overview

Verkada's cloud-managed wireless alarm sensors are designed for seamless installation, easy servicing, and reliable performance. They encompass a full suite of wireless sensors, including door, motion, water leak, and panic buttons.

Our wireless sensors will automatically connect to the nearest VLink hub, such as the BP32 Alarm Panel, BK22 Keypad, and WH52 Wireless Hub. VLink is Verkada's proprietary sub-GHz wireless protocol that optimizes for security, range, and sensor battery life.

Key features

Easy to install

- Wireless sensors automatically connect to the nearest VLink hub — no manual pairing process needed
- Sensors re-scan for the strongest hub every 30 min

Cloud-managed

- Remote visibility of live and historical sensor activity and signal strength
- Mute a sensor, check battery level, and force a re-pair via Command
- One click to pair a context camera for video verification

Built to last

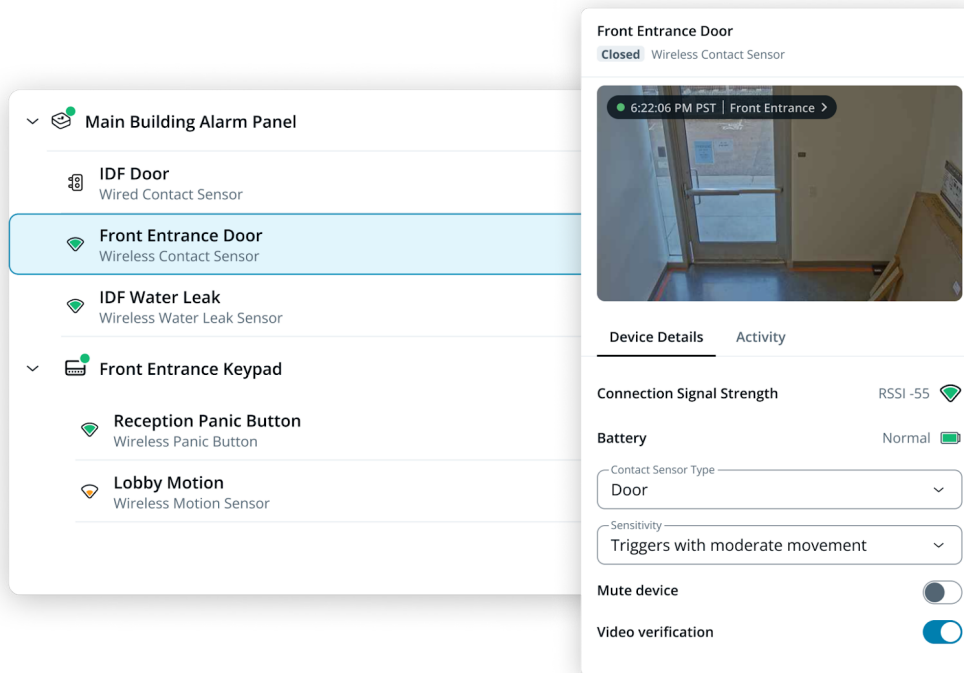
- 10-year warranty on all sensors
- Up to 10 years of battery life for universal transmitter and up to 5 years for other sensors
- User-serviceable batteries

1. Compatible products will display both **NEWALARMS** and **VLINK** badges on their datasheets.



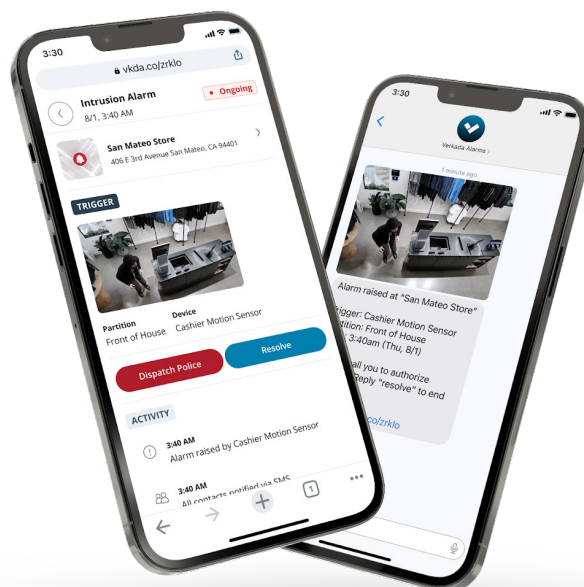
Cloud-managed

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.





QC11-W Wireless Door/Window Sensor

Tech specs



Power and network

Power supply	2x Energizer Ultimate Lithium L91 AA batteries included	Wireless communication	VLink sub-GHz transceiver
Battery life	5 years with typical use Real-world battery life depends on a variety factors	Compatibility	Compatible with any new Alarms VLink hub Not compatible with classic Alarms VLink hubs

Sensor features

Wireless range	Open field with line of sight: 2000ft / 600m Expect reduced range indoors, depending on environment	Field of view	VLink sub-GHz transceiver
Door gap width	Non-metal doors: Up to 2.4in / 6.0cm Metal doors: Up to 1.5in / 3.7cm Use included magnet spacer to close gaps	Sensor technology	Dual-tech TMR and Hall effect sensors
Tamper detection	Yes		

General

Dimensions	Sensor Length: 4.4in / 11.3cm Width: 1.5in / 3.7cm Height: 1.0in / 2.5cm	Magnet Length: 2.8in / 7.0cm Width: 0.6in / 1.5cm Height: 0.5in / 1.3cm	Weight	Sensor 3.2oz / 90g Magnet 0.6oz / 18g
Operating temperature and humidity	32 to 122° F / 0 to 50° C 0-90% RH non-condensing		LED indicator	Install Mode only (Door Opened, Searching for Hub, and Cannot Find Hub)
Certifications	FCC, IC		Warranty	10 years

Installation

Included Accessories	2x L91 AA batteries, mounting tape, 4x wood screws, 4x sheet metal screws, T-10 Security Torx L-Key	Mounting options	Wood and metal screws, mounting tape
-----------------------------	---	-------------------------	---



QM11-W Wireless Wall Motion Sensor

Tech specs



Power and network

Power supply	2x Energizer Ultimate Lithium L91 AA batteries included	Wireless communication	VLink sub-GHz transceiver
Battery life	5 years with typical use Real-world battery life depends on a variety factors	Compatibility	Compatible with any new Alarms VLink hub Not compatible with classic Alarms VLink hubs

Sensor features

Wireless range	Open field with line of sight: 2000ft / 600m Expect reduced range indoors, depending on environment	Sensor technology	Dual-tech PIR sensor and active microwave radar
Detection range	Up to 15m	Tamper detection	Yes
Field of view	85°		

General

Dimensions	Length: 4.7in / 12.0cm Width: 2.3in / 5.7 cm Height: 2.0in / 5.2 cm	Operating temperature and humidity	32 to 122° F / 0 to 50° C 0-90% RH non-condensing
Weight	5.4oz / 150g	LED Indicator	Install Mode only (Motion Detected, Searching for Hub, Cannot Find Hub)
Certifications	FCC, IC	Warranty	10 years

Installation

Included accessories	2x L91 AA batteries, 2x wood screws, 2x wall anchors, T-10 Security Torx L-Key	Mounting options	Corner, angle, or wall mount
-----------------------------	---	-------------------------	------------------------------



QM21-W Wireless Ceiling Motion Sensor

Tech specs



Power and network

Power supply	2x non-rechargeable energizer ultimate lithium L91 AA batteries included	Wireless communication	VLink transceiver with internal antenna (863MHz - 928MHz)
Battery life	5-year typical battery life	Compatibility	-

Sensor features

Wireless range	≥ 2000ft (600m) open field line of sight range when paired with any of Verkada's VLink capable hubs (ex: BP32, BP42, BP52, BK22, BE32, WH32, WH52).	Field of view	360°
Detection range	29.5ft / 9m	Sensor technology	Dual Technology with PIR Sensor and X-Band Microwave Radar
Tamper detection	Yes, breakaway tab		

General

Dimensions	Diameter: 4.61in / 11.71cm Height: 1.28 / 3.25cm	Operating temperature and humidity	32°F-122°F / 0°C-50°C, 0-90% RH non-condensing
Weight	5.36oz / 152g	LED Indicator	Install Mode (Dual Motion Detected, Thermal Motion Detected, Searching for Hub, Cannot Find Hub)
Certifications	FCC, IC	Warranty	10 years



QB11-W Wireless Panic Button

Tech specs



Power and network

Power supply	2x non-rechargeable energizer ultimate lithium L91 AA batteries included	Wireless communication	VLink transceiver with internal antenna (863MHz - 928MHz).
Battery life	5-year typical battery life	Compatibility	Compatible with any VLink hub

Sensor features

Wireless 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)	Button press options	Single, Double, Triple, or Long Press
Tamper detection	Yes, breakaway tab		

General

Dimensions	Height: 1in / 2.54cm Width: 2.8in / 7.11cm Length: 2.8in / 7.11cm	Operating temperature and humidity	32°F-122°F / 0°C-50°C, 0-90% RH non-condensing
Weight	3.3oz / 95g	LED Indicator	Button Pressed (Signal Received by Hub, Signal Not Received by Hub) Install Mode Only (Signal Received by Hub, Signal Not Received by Hub)
Certifications	FCC, IC	Warranty	10 years



QT11-W Wireless Universal Transmitter Sensor

Tech specs



Power and network

Power supply	2x Energizer Ultimate Lithium L91 AA batteries included	Wireless communication	VLink sub-GHz transceiver
Battery life	10 years with typical use Real-world battery life depends on a variety of factors	Compatibility	Compatible with any new Alarms VLink hub Not compatible with classic Alarms VLink hubs

Sensor features

Wireless range	Open field with line of sight: 2000ft / 600m Expect reduced range indoors, depending on environment	Tamper detection	Yes
Alarm inputs	1x wired input with supervision Compatible with variable EOL resistors (1kΩ - 4.7kΩ)		

General

Dimensions	Length: 4.9in / 12.5cm Width: 1.5in / 3.7cm Height: 1.1in / 2.8cm	Operating temperature and humidity	32 to 122° F (0 to 50° C) 0-90% RH non-condensing
Weight	3.5oz / 100g	LED indicator	Install Mode only (Input Triggered, Searching for Hub, Cannot Find Hub)
Certifications	FCC, IC	Warranty	10 years

Installation

Included accessories	2x L91 AA batteries, mounting tape, 2x wood screws, 2x sheet metal screws, T-10 Security Torx L-Key, 2x 1kΩ EOL resistors	Mounting options	Wall or surface mount
-----------------------------	---	-------------------------	-----------------------



BR31 Wireless Door Sensor

Tech specs



Power and network

Power supply	2 x CR123A lithium batteries	Wireless communication	VLink (proprietary 868-928 MHz)
Battery life	Up to 10 years Real-world battery life depends on a variety factors	Compatibility	Compatible with any VLink hub Backwards compatible with BC82, BK21, and BH61

Sensor features

Wireless range	Open field with line of sight: 300ft / 90m Expect reduced range indoors, depending on environment	Door gap width	Adjustable up to 2in / 5cm
-----------------------	--	-----------------------	----------------------------

General

Dimensions	Sensor Height: 5.5in / 14.0cm Width: 1.1in / 2.7cm Depth: 1.0in / 2.5cm Magnet Height: 2.8in / 7.0cm Width: 0.6in / 1.6cm	Operating temperature and humidity	32 to 113° F (0 to 45° C) 0-90% RH non-condensing Indoor use only
Weight	Sensor 3oz / 85g Magnet 0.9oz / 25g	LED indicator	Test mode and low battery
Certifications	FCC, IC, CE, UKCA, RCM, IFETEL, UL/cUL/IEC 62368-1, FY2019 NDAA, EN 50131 (Grade 2)	Warranty	10 years

Installation

Included Accessories	2x CR123A batteries, 4x wood screws, 4x sheet metal screws, T10 Security Torx L key, VHB adhesive mount	Mounting Options	Wood and metal screws; VHB adhesive mount
-----------------------------	---	-------------------------	--



BR32 Wireless Motion Sensor

Tech specs



Power and network

Power supply	2 x CR123A lithium batteries	Wireless communication	VLink (proprietary 868-928 MHz)
Battery life	Up to 5 years Real-world battery life depends on a variety factors	Compatibility	Compatible with any VLink hub Backwards compatible with BC82, BK21, and BH61

Sensor features

Detection range	32ft / 10m	Field of view	90° horizontal
Wireless range	Open field with line of sight: 300 ft / 90 m Expect reduced range indoors, depending on environment	Sensor Type	Passive infrared (PIR)

General

Dimensions	Height: 3.7in / 9.4cm Width: 2in / 5.1cm Depth: 1.3in / 3.4cm	Operating temperature	32 to 113° F / 0 to 45° C 0-90% RH non-condensing
Weight	3.3oz / 93g	LED indicator	Test mode and low battery
Certifications	FCC, IC, CE, UKCA, RCM, IFETEL, UL/cUL/IEC 62368-1, FY2019 NDAA, EN 50131 (Grade 2)	Warranty	10 years

Installation

Included Accessories	2x CR123A batteries, 4x wall screws, 4x wall anchors	Mounting options	Corner or wall mount
-----------------------------	---	-------------------------	----------------------



BR33 Mounted Panic Button

Tech specs



Power and network

Power supply	1 x CR123A lithium battery	Wireless communication	VLink (proprietary 868-928 MHz)
Battery life	Up to 5 years Real-world battery life depends on a variety factors	Compatibility	Compatible with any VLink hub Backwards compatible with BC82, BK21, and BH61

Sensor features

Wireless range	Open field with line of sight: 300ft / 90m Expect reduced range indoors, depending on environment	Button press options	Single, double, triple, or long press
-----------------------	--	-----------------------------	---------------------------------------

General

Dimensions	Height: 3.2in / 8.1cm Width: 1.4in / 3.6cm Depth: 0.9in / 2.3cm	Operating temperature	32 to 113° F / 0 to 45° C 0-90% RH non-condensing
Weight	1.7oz / 49g	LED indicator	Successful transmission, unsuccessful transmission, low battery
Certifications	FCC, IC, CE, UKCA, RCM, IFETEL, UL/cUL/IEC 62368-1, FY2019 NDAA, EN 50131 (Grade 2)	Warranty	10 years

Installation

Included accessories	CR123A battery (installed), Mount plate, T10 Torx wrench, 2x wall screws, 2x wall anchors, VHB adhesive mount	Mounting options	Wall or surface mount
-----------------------------	---	-------------------------	-----------------------



BR35 Wireless Water Leak Sensor

Tech specs



Power and network

Power supply	1 x CR123A lithium battery	Wireless communication	VLink (proprietary 868-928 MHz)
Battery life	Up to 5 years Real-world battery life depends on a variety factors	Compatibility	Compatible with any VLink hub Backwards compatible with BC82, BK21, and BH61

Sensor features

Wireless range	Open field with line of sight: 300 ft / 90 m Expect reduced range indoors, depending on environment	Sensor type	Probe with copper-nickel plated contacts
-----------------------	--	--------------------	--

General

Dimensions	Height: 3.5in / 8.8cm Width: 1.0in / 2.5cm Depth: 1.1in / 2.7cm Probe cable length: 7ft / 2.1m	Operating temperature	32 to 113° F / 0 to 45° C 0-90% RH non-condensing
Weight	2.4oz / 67g	LED indicator	Water detected and low battery
Certifications	FCC, IC, CE, UKCA, RCM, IFETEL, UL/cUL/IEC 62368-1, FY2019 NDAA, EN 50131 (Grade 2)	Warranty	10 years

Installation

Included accessories	CR123A battery, 4x wall screws, VHB adhesive mount	Mounting options	Wall or floor mounted
-----------------------------	--	-------------------------	-----------------------



Ordering information

Wireless alarm sensors

Model number	Description	US cost (MSRP) ^{USD}	WW cost (MSRP) ^{USD}
QC11-W-HW	Wireless Door/Window Sensor, Dual-Technology	\$99	\$99
QM11-W-HW	Wireless Motion Sensor, Dual-Technology	\$159	\$159
QM21-W-HW	Wireless Ceiling Motion Sensor, Dual-Technology	\$199	\$199
QB11-W-HW	Wireless Panic Button	\$149	\$149
QT11-W-HW	Wireless Universal Transmitter	\$99	\$99
BR31-HW	Wireless Door Sensor	N/A	N/A
BR32-HW	Wireless Motion Sensor	N/A	N/A
BR33-HW	Mounted Panic Button	N/A	N/A
BR35-HW	Wireless Water Leak Sensor	\$99	\$99