

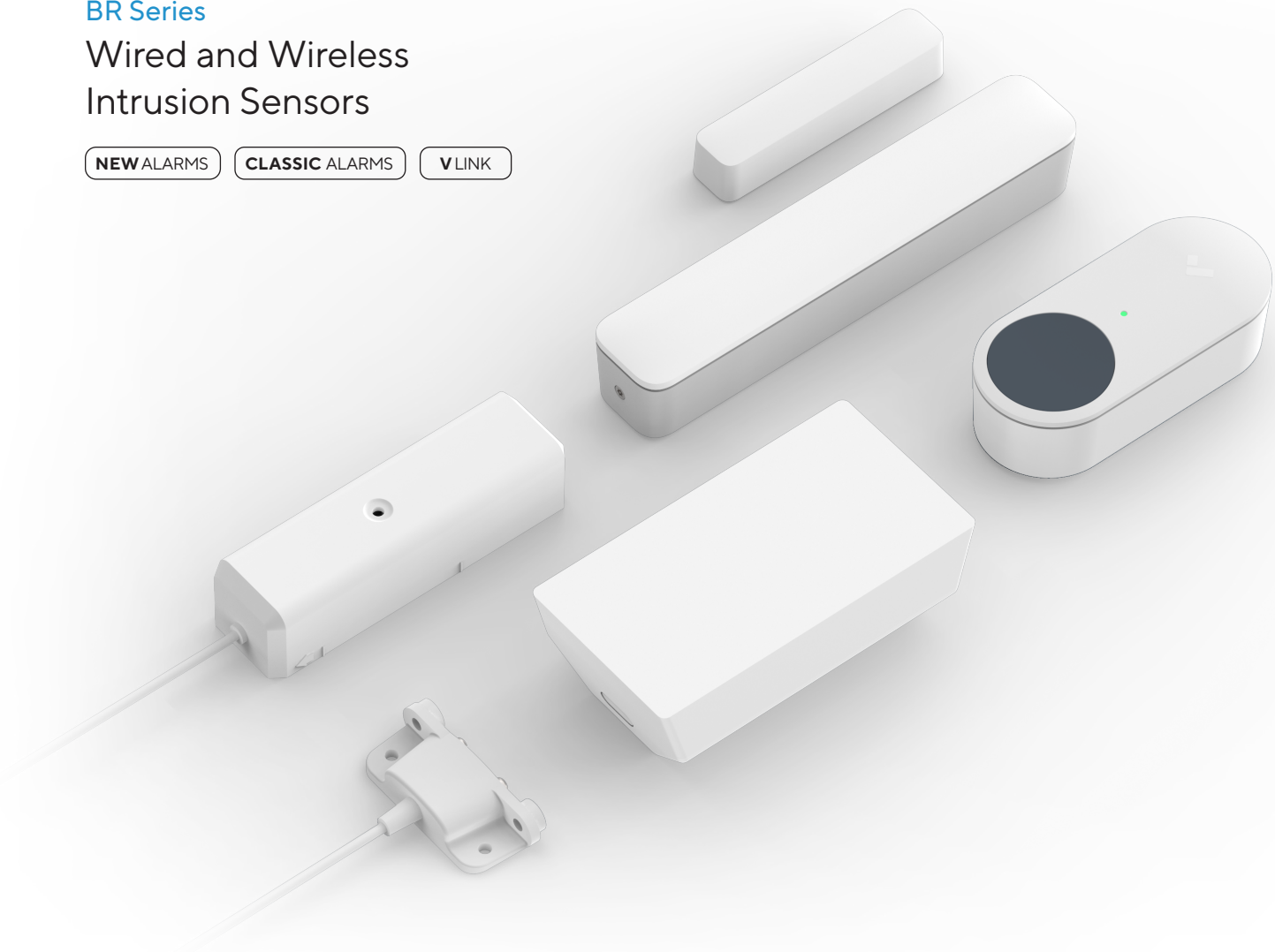
BR Series

Wired and Wireless Intrusion Sensors

NEW ALARMS

CLASSIC ALARMS

V LINK



Overview

Verkada's suite of wired and wireless intrusion sensors provide complete building protection for any site. Our wired sensors can be connected to the BP52 Panel, BE32 Expander, or BP41 Panel, while our wireless sensors will automatically connect to the nearest VLink hub. VLink is Verkada's proprietary wireless protocol that optimizes for security, range, and sensor battery life.

Key features

Full protection and visibility

- Full suite of sensors including door, motion, and water leak, as well as panic buttons
- Pair any sensor with a camera for video verification

Easy setup and management

- Wireless sensors automatically connect to the nearest VLink hub - no manual pairing process needed
- Cloud-managed from Command for easy configuration and monitoring

Built to last

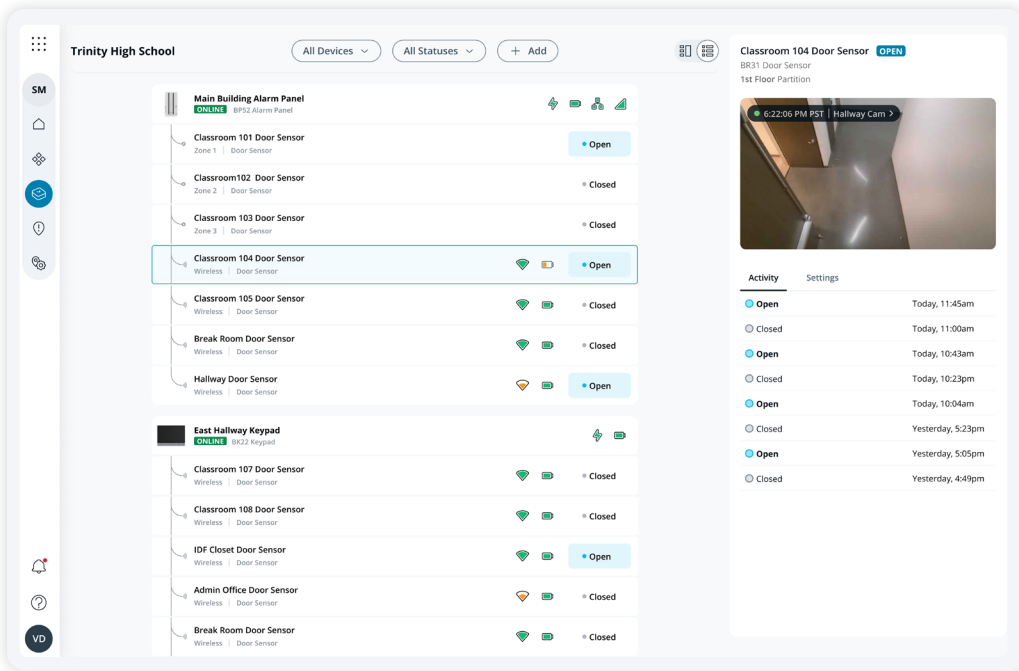
- 10-year warranty on all sensors
- Up to 10 years of battery life for wireless door sensors and up to 5 years for other wireless sensors¹
- User-serviceable batteries

1. Real-world battery life depends on a variety of factors



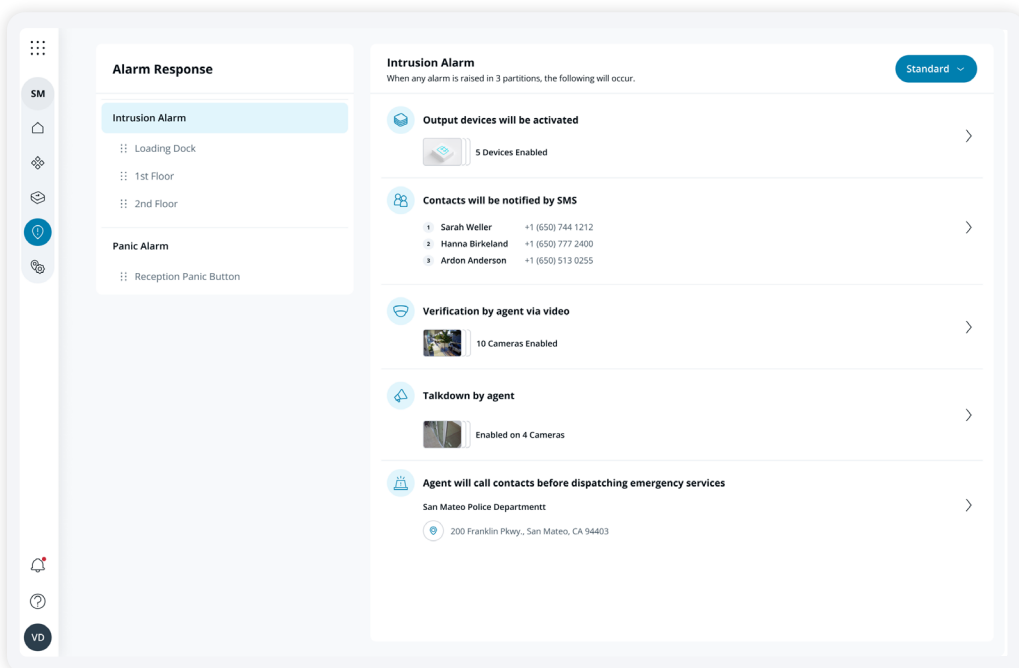
Cloud-managed

Verkada's cloud-based management platform, Command, brings visibility and control at scale for many alarm systems across multiple sites. Users can remotely view live/historical activity for any sensor at any site, and see the connection quality and battery level for wireless sensors.



Partition-based alarms

Set distinct schedules and response flows for different sensor partitions, which are software-configurable. For example, a retail store could arm intrusion sensors at night and have the monitoring agent call security before dispatching police. On the other hand, the panic button at the cash register could be armed 24/7 and result in immediate police dispatch when pressed.





BR31 Wireless Door Sensor

Tech specs



BR31

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 of 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
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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
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BR32 Wireless Motion Sensor

Tech specs

**BR32**

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
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BR33 Mounted Panic Button

Tech specs

**BR33**

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
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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
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BR35 Wireless Water Leak Sensor

Tech specs



BR35

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
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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
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BR11 Wired Motion Sensor

Tech specs

**BR11**

Power

Power supply	8–16VDC; 15mA at 12VDC
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Sensor features

Field of view	90°, 49 ft (15 m) 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

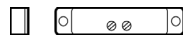
Installation

Included accessories	Wall screws, wall anchors
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BR12/BR13 Wired Door Contact sensor

Tech specs



BR12



BR13

Power

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

Wired Sensors

Model number	Description	US cost (MSRP) ^{USD}	WW cost (MSRP) ^{USD}
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

Wireless Sensors

Model number	Description	US cost (MSRP) ^{USD}	WW cost (MSRP) ^{USD}
BR31-HW	Wireless Door Sensor	N/A	\$99
BR32-HW	Wireless Motion Sensor	N/A	\$99
BR33-HW	Mounted Panic Button	\$99	\$99
BR35-HW	Wireless Water Leak Sensor	\$99	\$99