

## Wireless Intrusion Detection

# Wireless Sensor Network for Complete Building Protection



Verkada's suite of wireless intrusion sensors provide complete building protection wherever you need it. Sensors communicate over a proprietary wireless network that is built from the ground-up to optimize for security, range and sensor battery life.

## Key features

- Full suite of devices including wireless door, motion, panic button, glass break and water leak sensors
- PoE-powered Wireless Hub with 12-hour backup battery for easy wireless deployments in any environment
- Cloud-based software for easy management and monitoring
- Instant integration with Verkada cameras and professional monitoring
- Up to 305m / 1,000ft range (line-of-sight)
- Battery life of up to 10 years for door sensor, 2–5 years for other sensors (typical use)
- Signaling with encryption (AES-128) and Direct Sequence Spread Spectrum technology



## BH61 Wireless Alarm Hub



A PoE-powered hub that enables two-way communication with Verkada's wireless sensors.

### Complete coverage

- Support for up to 60 wireless sensors at a range of up to 305m / 1,000ft (line-of-sight)
- Wall or ceiling mounted

### Easy management

- Cloud-managed from Command for easy device configuration and monitoring

### Stays connected

- Built-in backup battery to keep system online for at least 12 hours in the event of a power loss
- Compatible with the ACC-CEL-LTE accessory for plug-and-play backup cellular connectivity

### Built to last

- Covered by our industry-leading 10-year warranty
- Automatic firmware updates keep systems secure



# BH61 Wireless Alarm Hub Tech Specs



BH61

## Power and network

<b>Power Consumption</b>	14W	<b>Connectivity</b>	10/100Mbps RJ-45 cable connector for network/PoE connection USB 2.0 for ACC-CEL-LTE Cellular Backup Module (not included)
<b>Backup Battery (Internal)</b>	7.3V/2850mAh 12 hours of backup with typical use	<b>Wireless Communication</b>	Proprietary 915 MHz (US, Canada) / 868 MHz (UK, Europe) / 916.8 MHz (ANZ)

## General

<b>Dimensions</b>	Height: 155mm / 6.1in Width: 155mm / 6.1in Depth: 67mm / 2.6in	<b>Operating Temperature</b>	0°C to 45°C / 32°F to 113°F; 0-90% humidity
<b>Weight</b>	0.87kg / 1.91lbs	<b>Warranty</b>	10 years
		<b>Certifications</b>	FCC, IC, CE, UKCA, RCM, NOM, NDAA, EN 50131 (Grade 2)

## Installation

<b>Included Accessories</b>	QSG, 3x machine screws, 3x wing nuts, 3x washers, 4x wall screws, 4x wall anchors, torx wrench	<b>Mounting Options</b>	Drywall anchors (M8) and screws (M5)
-----------------------------	--	-------------------------	--------------------------------------



## BR31 - BR35

# Wireless Intrusion Sensors



A full suite of wireless devices that pair with the BC82 Alarm Console, BK21 Alarm Keypad, or BH61 Wireless Hub to detect alarm events. Includes door, motion, panic button, glass break and water leak sensors.

### Complete coverage

- Up to 305m / 1,000ft range (line-of-sight)
- Flexible mounting and deployment options
- BR31 door sensor can be configured as a universal transmitter to turn wired inputs into wireless signals

### Easy management

- Automatically pairs with the BC82 Alarm Console, BK21 Alarm Keypad, or BH61 Wireless Hub
- Cloud-managed from Command for easy device configuration and monitoring
- Native integration with Verkada video security for instant visibility into alarm events

### Stays connected and secure

- Up to 10-year battery life for door sensors; 2-5 years for other sensors
- Secured by encryption (AES-128) and Direct Sequence Spread Spectrum technology

### 10-year warranty

- Covered by our industry-leading 10-year warranty



# BR31 Wireless Door Sensor Tech Specs



BR31

## Power and network

<b>Power Supply</b>	2 x CR123A lithium batteries	<b>Wireless Communication</b>	Proprietary 915 MHz (US, Canada) / 868 MHz (UK, Europe) / 916.8 MHz (ANZ)
<b>Battery Life</b>	Up to 10 years	<b>Connectivity</b>	Connects to the BC82 Alarm Console, BK21 Alarm Keypad, or BH61 Wireless Hub

## Sensor features

<b>Wireless Range</b>	305m / 1,000ft (line-of-sight) 61m / 200ft (typical environment)	<b>Door Gap Width</b>	Adjustable up to 5cm / 2in
-----------------------	---	-----------------------	----------------------------

## General

<b>Dimensions</b>	<b>Sensor</b> Height: 139.7mm / 5.50in Width: 27mm / 1.06in Depth: 25.4mm / 1in <b>Magnet</b> Height: 70mm / 2.75in Width: 16mm / 0.63in	<b>Operating Temperature</b>	0°C to 45°C / 32°F to 113°F; 0-90% humidity
<b>Weight</b>	<b>Sensor</b> 85g / 3oz <b>Magnet</b> 25g / 0.88oz	<b>LED Indicator</b>	Test mode and low battery
<b>Certifications</b>	FCC, IC, CE, UKCA, RCM, IFETEL, NDAA, EN 50131 (Grade 2)	<b>Warranty</b>	10 years

## Installation

<b>Included Accessories</b>	QSG, 4x wood screws, 4x sheet metal screws, 1x T10 torx L key, VHB adhesive mount	<b>Mounting Options</b>	Wood and metal screws; VHB adhesive mount
-----------------------------	---	-------------------------	---



# BR32 Wireless Motion Sensor Tech Specs



BR32

## Power and network

<b>Power Supply</b>	2 x CR123A lithium batteries	<b>Wireless Communication</b>	Proprietary 915 MHz (US, Canada) / 868 MHz (UK, Europe) / 916.8 MHz (ANZ)
<b>Battery Life</b>	Up to 5 years	<b>Connectivity</b>	Connects to the BC82 Alarm Console, BK21 Alarm Keypad, or BH61 Wireless Hub

## Sensor features

<b>Detection Range</b>	Max 10m / 32ft	<b>Field of View</b>	90° horizontal
<b>Wireless Range</b>	305m / 1,000ft (line-of-sight) 61m / 200ft (typical environment)	<b>Sensor Type</b>	Passive infrared (PIR)

## General

<b>Dimensions</b>	Height: 94mm / 3.7in Width: 51mm / 2in Depth: 34mm / 1.33in	<b>Operating Temperature</b>	0°C to 45°C / 32°F to 113°F; 0-90% humidity
<b>Weight</b>	93g / 3.28oz	<b>LED Indicator</b>	Test mode and low battery
<b>Certifications</b>	FCC, IC, CE, UKCA, RCM, IFETEL, NDAA, EN 50131 (Grade 2)	<b>Warranty</b>	10 years

## Installation

<b>Included Accessories</b>	QSG, wall screws, wall anchors	<b>Mounting Options</b>	Corner or wall mount; drywall anchors and screws
-----------------------------	--------------------------------	-------------------------	--



# BR33 Mounted Panic Button Tech Specs



BR33

## Power and network

<b>Power Supply</b>	1 x CR123A lithium battery	<b>Wireless Communication</b>	Proprietary 915 MHz (US, Canada) / 868 MHz (UK, Europe) / 916.8 MHz (ANZ)
<b>Battery Life</b>	Up to 5 years	<b>Connectivity</b>	Connects to the BC82 Alarm Console, BK21 Alarm Keypad, or BH61 Wireless Hub

## Sensor features

<b>Wireless Range</b>	305m / 1,000ft (line-of-sight) 61m / 200ft (typical environment)	<b>Button Press Options</b>	Single, double, triple, press-and-hold
-----------------------	---	-----------------------------	--

## General

<b>Dimensions</b>	Height: 81mm / 3.2in Width: 36mm / 1.42in Depth: 124mm / 0.94in	<b>Operating Temperature</b>	0°C to 45°C / 32°F to 113°F; 0-90% humidity
<b>Weight</b>	49g / 1.73oz	<b>LED Indicator</b>	Successful transmission, unsuccessful transmission, low battery
<b>Certifications</b>	FCC, IC, CE, UKCA, RCM, IFETEL, NDAA, EN 50131 (Grade 2)	<b>Warranty</b>	10 years

## Installation

<b>Included Accessories</b>	QSG, wall screws, wall anchors, torx wrench, VHB adhesive mount	<b>Mounting Options</b>	Wall or surface mount
-----------------------------	---	-------------------------	-----------------------



# BR34 Wireless Glass Break Sensor Tech Specs



BR34

## Power and network

<b>Power Supply</b>	1 x CR123A lithium battery	<b>Wireless Communication</b>	Proprietary 915 MHz (US, Canada) / 868 MHz (UK, Europe)
<b>Battery Life</b>	Up to 2 years	<b>Connectivity</b>	Connects to the BC82 Alarm Console, BK21 Alarm Keypad, or BH61 Wireless Hub

## Sensor features

<b>Detection Range</b>	Max 5m / 15ft	<b>Sensor Type</b>	Dual detection, requiring both impact and successive shattering frequencies to trigger alarm
<b>Wireless Range</b>	305m / 1,000ft (line-of-sight) 61m / 200ft (typical environment)	<b>Glass Type Thickness</b>	Plate glass: 2, 3, 5, 6mm Tempered glass: 3, 5, 6mm Wired glass: 6, 8mm Laminated glass: 3, 6mm Size: minimum 30 x 30cm

## General

<b>Weight</b>	63g / 2.22oz	<b>Operating Temperature</b>	0°C to 45°C / 32°F to 113°F; 0-90% humidity
<b>Dimensions</b>	Height: 74mm / 2.91in Width: 74mm / 2.91in Depth: 22mm / 0.87in	<b>LED Indicator</b>	Glass break detected and low battery
<b>Certifications</b>	FCC, IC, CE, UKCA, RCM, IFETEL, NDAA, EN 50131 (Grade 2)	<b>Warranty</b>	10 years

## Installation

<b>Included Accessories</b>	QSG, wall screws, wall anchors	<b>Mounting Options</b>	Ceiling or opposite wall (facing glass); drywall anchors and screws
-----------------------------	--------------------------------	-------------------------	---

For compliance and regional availability, please see <https://www.verkada.com/alarms-availability/>





# BR35 Wireless Water Leak Sensor Tech Specs



BR35

## Power and network

<b>Power Supply</b>	1 x CR123A lithium battery	<b>Wireless Communication</b>	Proprietary 915 MHz (US, Canada) / 868 MHz (UK, Europe) / 916.8 MHz (ANZ)
<b>Battery Life</b>	Up to 5 years	<b>Connectivity</b>	Connects to the BC82 Alarm Console, BK21 Alarm Keypad, or BH61 Wireless Hub

## Sensor features

<b>Wireless Range</b>	305m / 1,000ft (line-of-sight) 61m / 200ft (typical environment)	<b>Sensor Type</b>	Probe with copper-nickel plated contacts
-----------------------	---	--------------------	--

## General

<b>Dimensions</b>	Height: 88mm / 3.46in Width: 25.4mm / 1in Depth: 27mm / 1.08in Probe cable length: 2.1m / 7ft	<b>Operating Temperature</b>	0°C to 45°C / 32°F to 113°F; 0-90% humidity
<b>Weight</b>	67g / 2.36oz	<b>LED Indicator</b>	Water detected and low battery
<b>Certifications</b>	FCC, IC, CE, UKCA, RCM, IFETEL, NDAA, EN 50131 (Grade 2)	<b>Warranty</b>	10 years

## Installation

<b>Included Accessories</b>	QSG, 4x wall screws, VHB adhesive mount	<b>Mounting Options</b>	Wall or floor mounted
-----------------------------	---	-------------------------	-----------------------



# Ordering Information

## BH61 Wireless Alarm Hub pricing

Model Number	Description	Cost (MSRP) USD
BH61-HW	BH61 Wireless Alarm Hub	\$599

## BR31-BR35 Wireless Sensor pricing

BR31-HW	Wireless Door Sensor	\$99
BR32-HW	Wireless Motion Sensor	\$99
BR33-HW	Mounted Panic Button	\$99
BR34-HW	Wireless Glass Break Sensor	\$99
BR35-HW	Wireless Water Leak Sensor	\$99



# Ordering Information

## LIC-BB Basic Alarm License pricing\*

Includes alarm monitoring with no video verification

Model Number	Description	Cost (MSRP) USD
LIC-BB-1Y	1-Year Basic Alarm License	\$600
LIC-BB-3Y	3-Year Basic Alarm License	\$1,800
LIC-BB-5Y	5-Year Basic Alarm License	\$3,000
LIC-BB-10Y	10-Year Basic Alarm License	\$6,000

## LIC-BA Standard Alarm License pricing\*

Includes professional monitoring with video verification, up to 100 events/month

LIC-BA-1Y	1-Year Standard Alarm License	\$1,500
LIC-BA-3Y	3-Year Standard Alarm License	\$4,500
LIC-BA-5Y	5-Year Standard Alarm License	\$7,500
LIC-BA-10Y	10-Year Standard Alarm License	\$15,000

## LIC-BV Premium Alarm License pricing\*

Includes professional monitoring with video verification, up to 1,000 events/month

LIC-BV-1Y	1-Year Premium Alarm License	\$12,000
LIC-BV-3Y	3-Year Premium Alarm License	\$36,000
LIC-BV-5Y	5-Year Premium Alarm License	\$60,000
LIC-BV-10Y	10-Year Premium Alarm License	\$120,000

\*One Alarm License needed per physical address; required to operate all Verkada Alarms hardware.