Verkada Alarms

Cloud-Based Alarm System with Professional Monitoring

NEW ALARMS

Overview

Verkada Alarms is a modern, cloud-based alarm system that helps organizations detect, verify, and respond to intruders.

Verkada Alarms supports intrusion detection with sensors, cameras, or both. Organizations that want to use wired and wireless sensors can leverage a suite of cloud-managed intrusion hardware, including alarm panels, keypads, expanders, and more. Any sensor can be paired with a camera for video verification, including third-party cameras via Command Connector.

Organizations can also trigger alarms with Verkada or third-party cameras, which can screen out many false alarms with AI-based person detection. For example, a camera can detect a person loitering in a specific area or crossing a digital line, which screens out irrelevant passerby traffic. Whether using sensors, cameras, or both, organizations get 24/7 professional monitoring in all countries where Verkada Alarms is available.

Verkada Alarms is built on the cloud-based Command platform, making the system easy to scale across locations and manage from anywhere. Through the Command web or mobile app, users can see which sites are armed, manage key codes, act on a live alarm, and more.

Key benefits

Reduce costly false alarms

Screen out false alarms with camera triggers for person detection, loitering, and line-crossing. Reduce false dispatches by enabling video verification without costly integrations.

Confidently choose the best response

Alarm notifications include a clear summary, relevant footage, and a live incident report, helping users confidently decide whether to cancel the alarm or dispatch police.

Extend coverage outdoors

Protect fenced or access-controlled outdoor areas by triggering alarms with Verkada cameras, which can even act as a standalone alarm system without additional hardware.

Easy to manage and IT-friendly

Instead of calling the alarm company and incurring service fees, admins can manage every aspect of their alarm system via Verkada Command, even when not on site.

Cost-effective install

Switch from a traditional alarm system to Verkada Alarms in a cost-effective manner. Simply replace the panel and reuse all the existing wiring and sensors.

Designed to scale

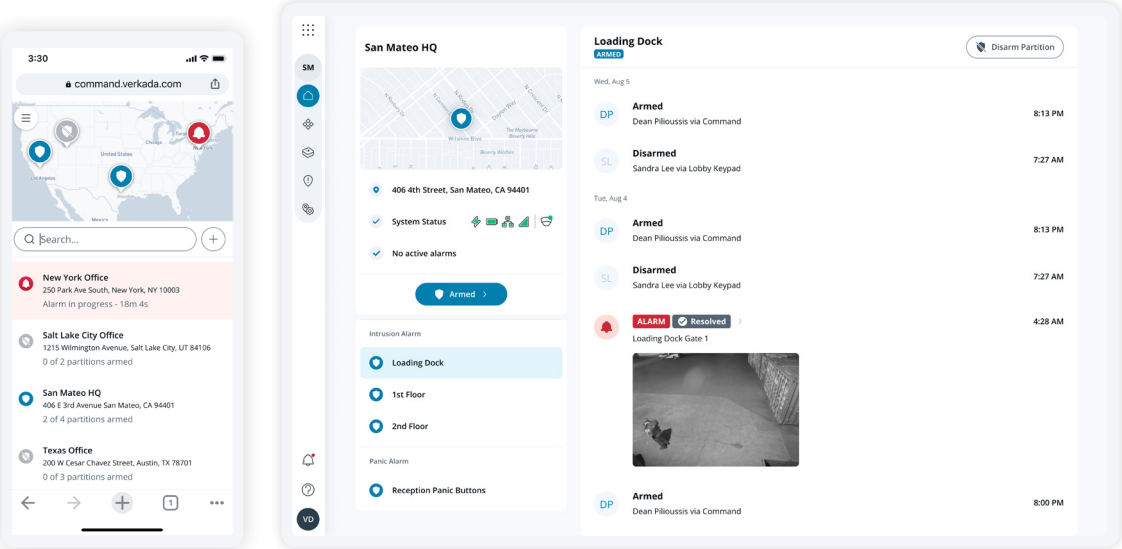
Scale Verkada Alarms across thousands of sites without added complexity. Centrally view and manage all alarm sites on a single cloud dashboard.

An Alarm System That Puts You in Control

Verkada Alarms puts organizations in full control of their alarm systems via intuitive, cloud-based software. Users get maximum visibility into alarm events, system health, and device status – all without costly add-on fees for reporting and health checks. Admins can manage every aspect of the system from key codes to response flows, eliminating the need to call the alarm company and incur costly service fees.

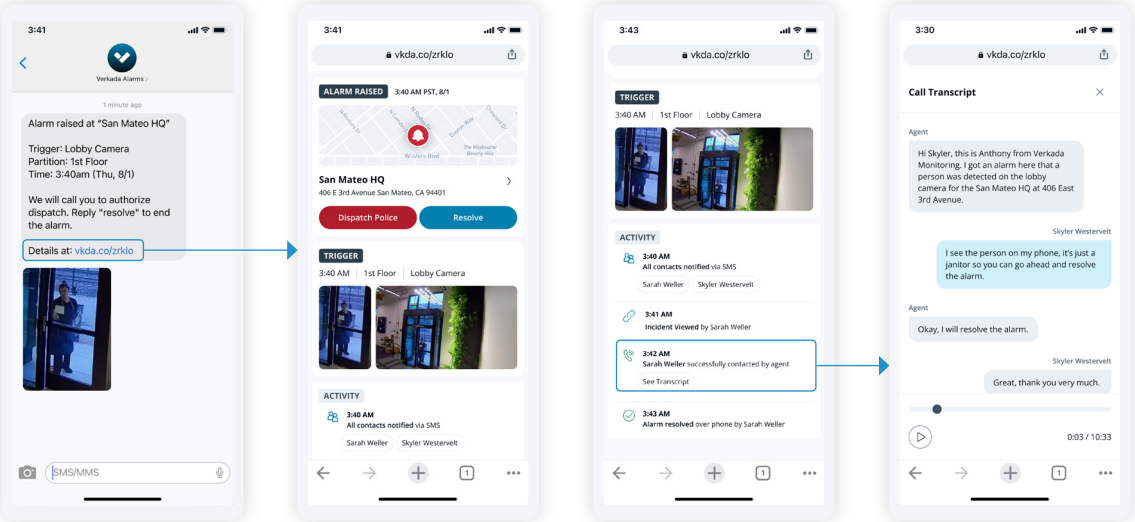
Oversee all sites remotely

Get a birds-eye view of activity at each site, including arming and disarming, ongoing and resolved alarms, as well as system health. At any time, users can check whether a site is armed and remotely arm/disarm if needed.



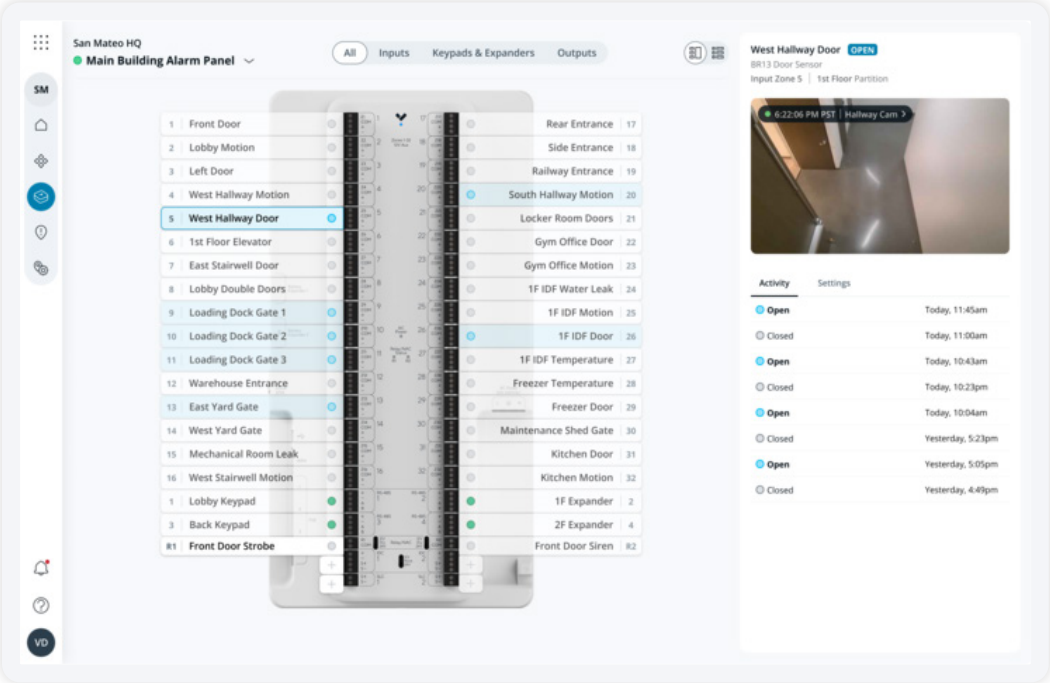
Get a full picture of every alarm

Get a crystal-clear summary of ongoing and resolved alarms – which device was triggered, who was contacted, and what actions the agent took. Users can view associated camera footage and agent call transcripts in the same place.



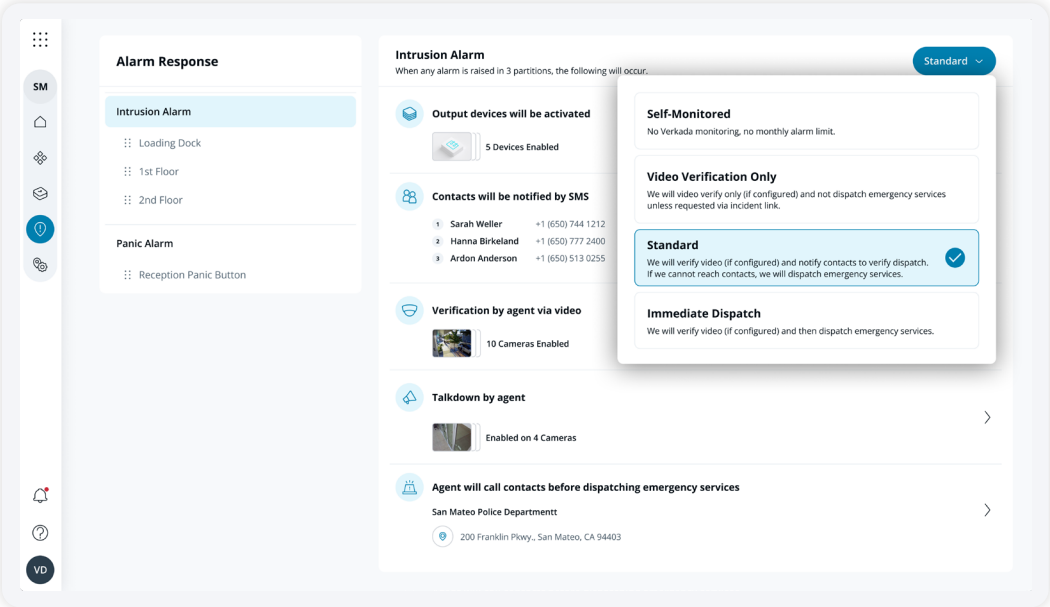
Avoid costly service calls

See the status and activity of all sensors and devices, including the exact zone mapping on an alarm panel or expander. With this level of visibility, organizations can easily troubleshoot and avoid costly service calls.

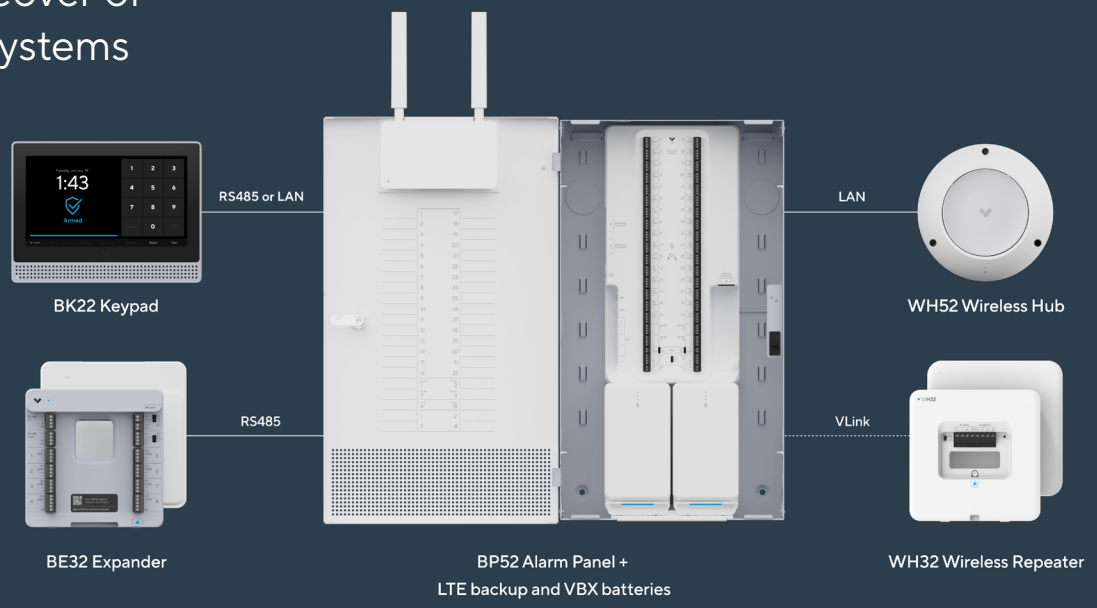


Configure response flows in a few clicks

Easily customize the alarm response flow for each site or partition based on the level of security or use case. Response flows can be enhanced with video verification and deterrences like sirens, strobes, and live talkdown.



Easy Takeover of Legacy Systems



Verkada Alarms hardware is designed for easy takeover of legacy wired systems. Simply replace the panel, keypads, and any expanders while reusing all the existing sensors and wiring. Organizations can also add wireless sensors and panic buttons with the same Verkada panel.

All Verkada Alarms hardware is covered by an industry-leading 10-year warranty.

BP52 Panel

The BP52 acts as the central brain of the system. With 32 input zones, 4 RS485 outputs, and 2 relay outputs, it can easily replace traditional panels and take over existing wired sensors. The panel has a built-in VLink hub for wireless sensors and 4 PoE outputs for additional hubs or cameras. A BP52 is required to support sensors, including panic buttons.

The alarm panel supports up to six 200Wh VBX batteries, which use LiFePO4 chemistry for superior lifespan over traditional SLA batteries, as well as an LTE backup device. Because the panel operates locally with other alarm devices, only one LTE backup device is needed per site.

BP52 datasheet

BE32 Expander

Consolidate up to 8 wired sensors into a single RS485 cable run to the panel, allowing for easy takeover of existing systems where expanders are already in use at a distance from the panel. In addition, the expander has a built-in VLink hub for wireless sensors.

BE32 datasheet

Wireless Hub & Repeater

Expand wireless sensor coverage with the WH52, a PoE-powered VLink hub that connects to the panel via LAN. Close gaps in coverage with the WH32, a DC-powered VLink repeater that extends the range of any existing VLink hub such as the BP52, BE32, BK22, or WH52.

WH32 datasheet | WH52 datasheet

BK22 Keypad

Arm/disarm sites and view sensor status with a sleek touchscreen keypad. The keypad connects to the BP52 panel via RS485 or PoE, making it easy to install at any site. In addition, the keypad has a built-in VLink hub for wireless sensors.

BK22 datasheet

Wired and Wireless Sensors

Verkada offers a full suite of wired and wireless sensors and supports third party wired sensors. All sensors are cloud-managed and can be paired with cameras for video verification. Verkada wireless sensors automatically connect to the VLink hub with the strongest signal.

Q Series | BR Series

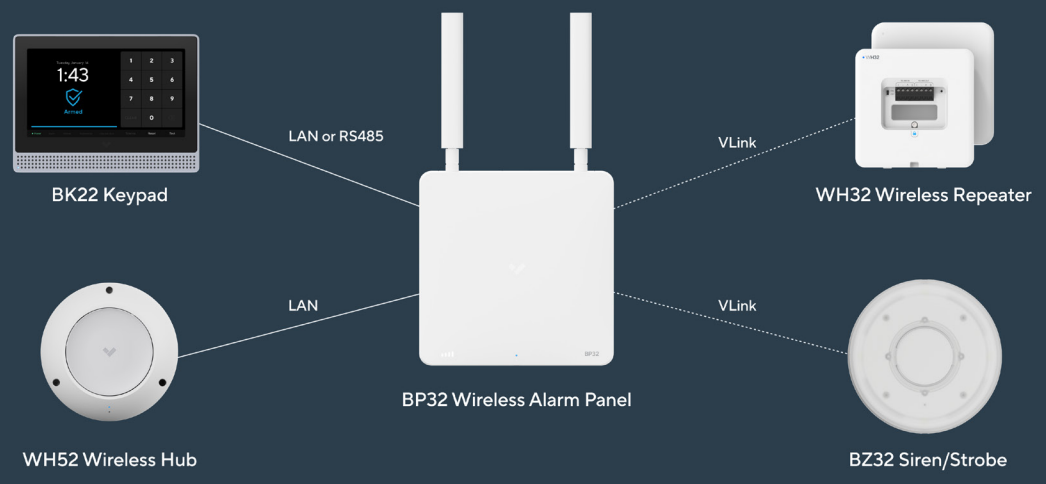
Interoperability standards

Verkada Alarms uses the following proprietary standards for interoperability between products:

- **VLink**, a sub-GHz wireless protocol that devices like sensors and hubs use to communicate with one another
- **VBX**, an advanced battery system with LiFePO4 chemistry and integrated connector for power and data

Products that support VLink or VBX will have a VLINK or VBX badge on their datasheets, respectively.

Wireless Deployments at Any Scale



Verkada Alarms hardware enables cost-effective wireless deployments at both small and large sites. All Verkada Alarms hardware is covered by an industry-leading 10-year warranty.

BP32 Panel

The BP32 acts as the central brain of the wireless alarm system. The panel alone supports up to 160 wireless sensors via a built-in VLink hub, with unlimited expansion through hubs, repeaters, and keypads.

The BP32 panel operates locally with all alarm and access control devices on site, allowing for greater reliability and offline functionality. And with its built-in LTE communicator and backup battery, the BP32 is designed to stay online during network and power outages.

The BP32 is required to support wireless sensors, including panic buttons.

BP32 datasheet

BK22 Keypad

Arm/disarm sites and view sensor status with a sleek touchscreen keypad. The PoE-powered device connects to the BP32 panel via LAN, allowing for unlimited keypads per site. In addition, the keypad has a built-in VLink hub for wireless sensors.

BK22 datasheet

WH52 Wireless Hub

Expand wireless coverage with the WH52, a PoE-powered VLink hub that connects to the panel via LAN. This makes it easy to add wireless coverage at a distance from the panel with just an ethernet drop.

WH52 datasheet

BZ32 Siren/Strobe

Deter intruders with an outdoor-rated siren/strobe that can connect wirelessly to any VLink hub and run on hardwired or battery power.

BZ32 datasheet

WH32 Wireless Repeater

Close gaps in coverage with the WH32, a wireless repeater that can boost the range of any existing VLink hub, such as the BP32, BK22, and WH52. The repeater only needs power, allowing organizations to easily cover areas with poor signal.

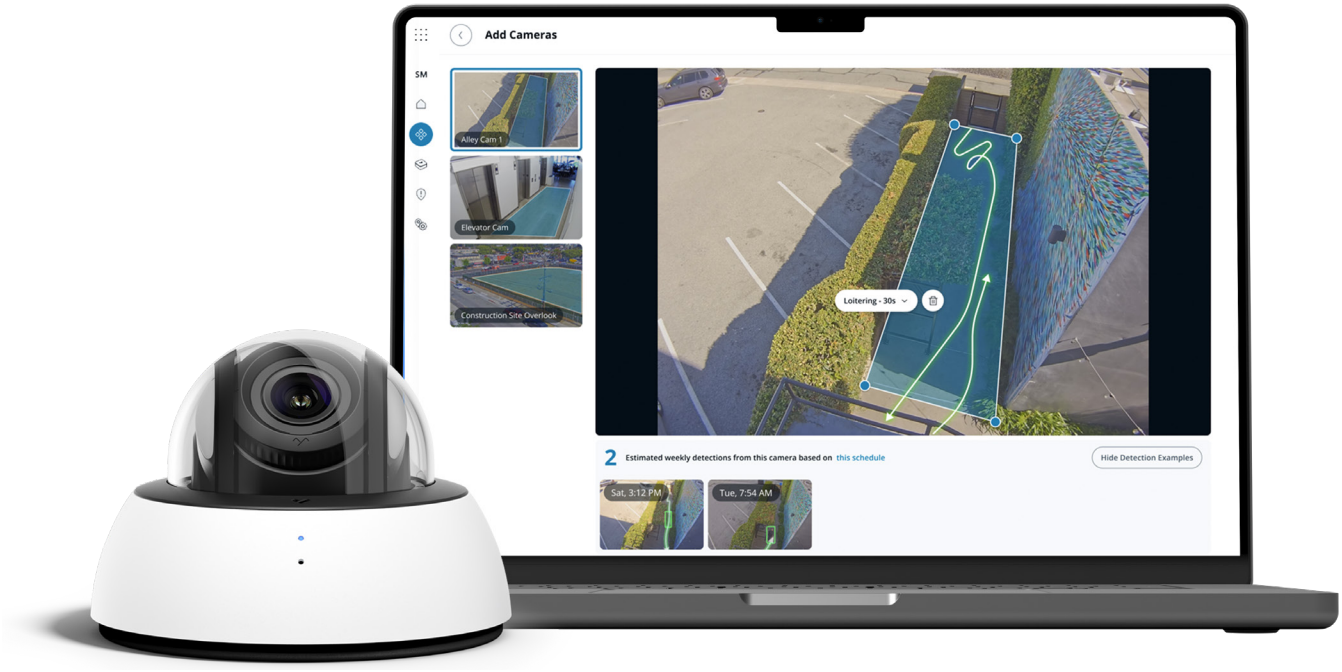
WH32 datasheet

Intrusion Sensors

Verkada offers a full suite of cloud-managed wireless sensors, which can be paired with cameras for video verification. Verkada wireless sensors automatically connect to the nearest VLink hub.

Q Series | BR Series

AI-Based Video Alarms



In addition to traditional sensors, organizations can use Verkada or third-party cameras[1] to trigger alarms. With advanced AI person detection, Verkada cameras can screen out false alarms and protect large areas both indoors and outdoors. Organizations that only use cameras to trigger alarms do not need an alarm panel.

AI detection with agent verification

Organizations can select which activities should trigger an alarm, and if said behavior is detected during armed hours, monitoring agents will verify the trigger event before raising an alarm. Currently the following triggers are available:

Person detection

If a person is detected in the specified region, the camera will be triggered. This trigger is intended for areas where nobody should be present during armed hours, such as interior or fenced areas.

Loitering

If a person is detected in the specified region and stays there for a preset amount of time, the camera will be triggered. This trigger can screen out people passing through a protected area but not loitering.

Line-crossing

If a person crosses a digital line in the specified direction(s), the camera will be triggered. This trigger can screen out people walking near an entrance or fenceline but not trespassing.

Automated trigger testing

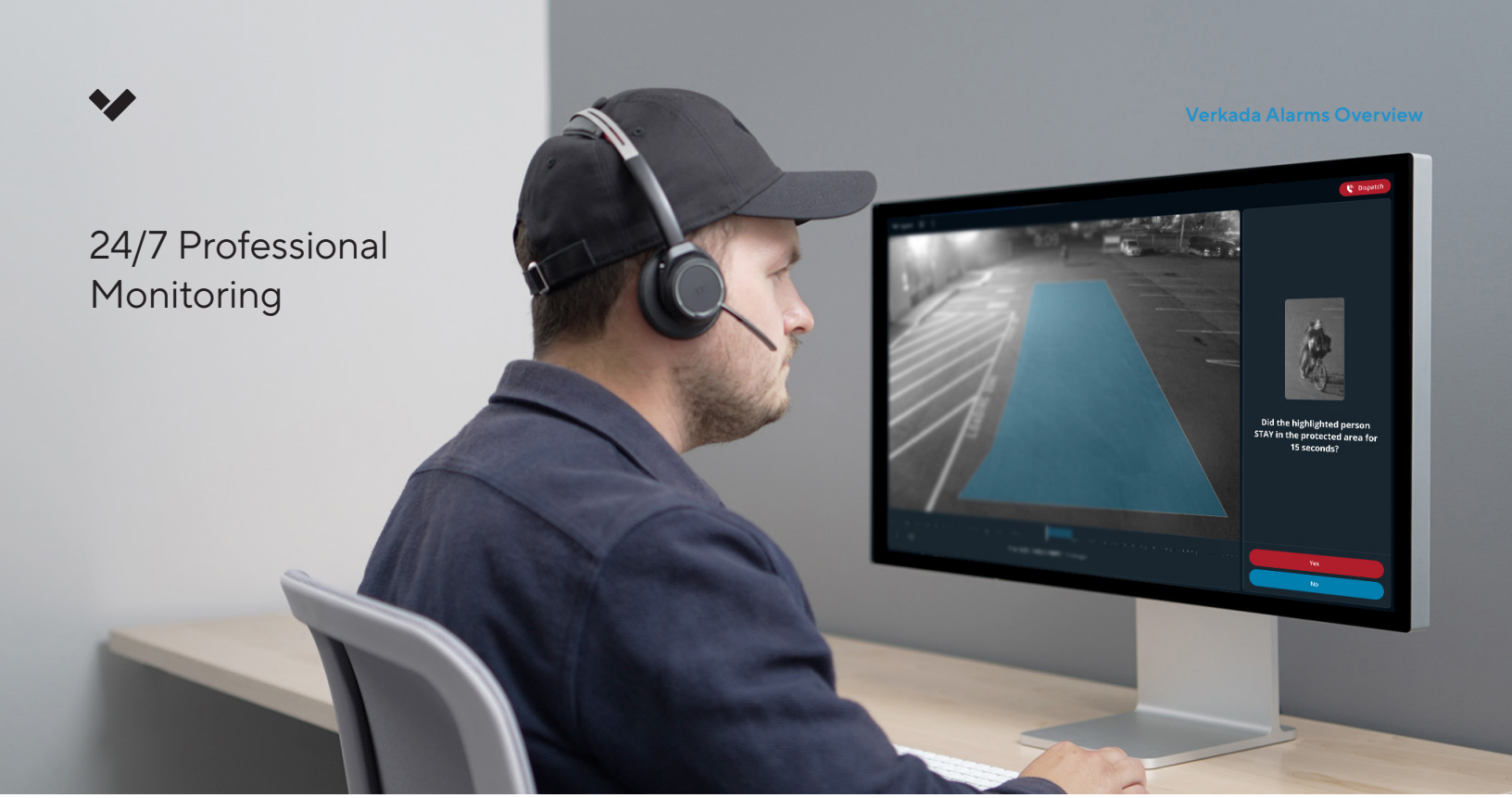
When configuring a trigger, Verkada automatically runs it against one week of historical footage, while also factoring in the selected arm/disarm schedule. Users can see the estimated number of weekly detections, along with example clips. This allows users to easily fine-tune a trigger or adjust the schedule to minimize or even eliminate false alarms.

Versatile arming and disarming

In addition to key codes, Verkada supports a variety of arm/disarm methods including the Command app, smart schedules, or badging with an access credential. This avoids false alarms especially when outdoor camera triggers are in use, since employees may trip an alarm before they can reach a keypad.

1. See full list of supported cameras

24/7 Professional Monitoring



Verkada Alarms comes with professional monitoring, providing a team of trained agents who can video-verify events, talk down to intruders, call designated contacts, and request police dispatch if needed. For more details, please refer to the Professional Monitoring Overview.

Depending on which alarm site license is purchased, organizations have different options available when it comes to professional monitoring. Regardless of which license they have, organizations also have the option to self-monitor a site or partition instead of using Verkada monitoring.

LIC-BX-MB

Basic Alarms License

Available alarm triggers

- Intrusion sensors
- Access control door events [2]

Video verification and context

- Not included

Available responses (multiple allowed)

- Automated SMS (required)
- Automated siren/strobe
- Automated message via BZ11 horn
- Call contact list
- Police dispatch

LIC-BX-MA

Advanced Video Alarms License

Available alarm triggers

- 15 cameras per site [1]
- Access control door events [2]
- Intrusion sensors

Video verification and context

- For sensor and access control triggers, agents will verify whether a person was seen
- For camera triggers, agents will verify the specific rule (e.g. person loitering inside region for 5 min)

Available responses (multiple allowed)

- AI-powered deterrence
- Automated SMS and email
- Automated siren/strobe
- Automated message via BZ11 horn
- Agent talkdown via BZ11 horn
- Call contact list
- Police dispatch

1. Organizations can stack LIC-BX-MA licenses to increase the number of camera triggers allowed per site in packs of 15.
2. Verkada Access Control required. See full list of supported doors.

Use and limitations

Professional monitoring is designed for after-hours event-based monitoring where no one should be present. Monitoring agents will only review short video clips from events designated as alarm triggers by customers in Command. If after-hours human activity is expected, customers must ensure proper disarming of the site.

If an alarm site raises more than **15 alarms in 1 calendar month**, Verkada will provide a warning to end users and alarms will continue to function normally until the end of the month. If the alarm site continues to transmit more than 15 alarms in the second month, all events after 15 will not be sent to the monitoring center and instead sent as notifications directly to contacts. Please note that camera triggers do not raise an alarm until an agent has video-verified the activity. Therefore, false camera detections do not count towards the 15 alarm limit. In contrast, all sensors raise an alarm immediately upon triggering. Even if the alarm is resolved by the agent because no person was present, it will still count towards the 15 alarm limit.

Accurate person detection requires a minimum level of detail, expressed quantitatively as pixels per foot (PPF), which varies by camera model. Accurate line-crossing detection requires optimal camera installation and line placement, which are detailed in this guide.

In the US, monitoring is provided by US-based, 24/7 staffed monitoring centers with UL827 and TMA Five Diamond certifications. Visit verkada.com/alarms-availability for a complete list of countries where professional monitoring is available, as well as to see monitoring center certifications by region. Verkada will disclose monitoring provider information to prospects, customers, or partners that request the information under NDA.

Hardware Compatibility

Verkada Alarms was revamped in 2024 to maximize ease of install, reliability, and user experience. The new Verkada Alarms consists of new hardware and software, which operate independently from the classic version of Alarms.

Due to differences in system architecture between new and classic Alarms, new Alarms hardware is not compatible with classic Alarms hardware. Only intrusion sensors and the BZ11 horn are compatible with both new and classic Alarms. Please refer to the hardware compatibility list for more details.

Note: Hardware datasheets use CLASSIC ALARMS and NEW ALARMS badges to denote support for classic Alarms and/or new Alarms.

Ordering Information

For country by country availability, please see https://www.verkada.com/alarms-availability/

Basic Alarms License (New Site)

Includes professional monitoring without video verification for unlimited sensors

Model Number	Description	Cost (MSRP) USD
LIC-BX-MB-1Y-CAP	1-Year Basic Alarms License for 1 Site, Capacity Increase	$600
LIC-BX-MB-3Y-CAP	3-Year Basic Alarms License for 1 Site, Capacity Increase	$1,800
LIC-BX-MB-5Y-CAP	5-Year Basic Alarms License for 1 Site, Capacity Increase	$3,000
LIC-BX-MB-10Y-CAP	10-Year Basic Alarms License for 1 Site, Capacity Increase	$6,000

Advanced Video Alarms License (New Site)

Includes 24/7 professional monitoring with video verification for unlimited sensors and 15 alarm-triggering cameras per site[1]

Model Number	Description	Cost (MSRP) USD
LIC-BX-MA-1Y-CAP	1-Year Advanced Video Alarms License for 1 Site, Capacity Increase	$1,500
LIC-BX-MA-3Y-CAP	3-Year Advanced Video Alarms License for 1 Site, Capacity Increase	$4,500
LIC-BX-MA-5Y-CAP	5-Year Advanced Video Alarms License for 1 Site, Capacity Increase	$7,500
LIC-BX-MA-10Y-CAP	10-Year Advanced Video Alarms License for 1 Site, Capacity Increase	$15,000

1. Organizations can stack LIC-BX-MA licenses to increase the number of camera triggers allowed per site in packs of 15

Ordering Information

Basic Alarms License (Renewal)

Includes professional monitoring without video verification for unlimited sensors

Model Number	Description	Cost (MSRP) USD
LIC-BX-MB-1Y-RNW	1-Year Basic Alarms License for 1 Site, Renewal	$600
LIC-BX-MB-3Y-RNW	3-Year Basic Alarms License for 1 Site, Renewal	$1,800
LIC-BX-MB-5Y-RNW	5-Year Basic Alarms License for 1 Site, Renewal	$3,000
LIC-BX-MB-10Y-RNW	10-Year Basic Alarms License for 1 Site, Renewal	$6,000

Advanced Video Alarms License (Renewal)

Includes 24/7 professional monitoring with video verification for unlimited sensors and 15 alarm-triggering cameras per site[1]

Model Number	Description	Cost (MSRP) USD
LIC-BX-MA-1Y-RNW	1-Year Advanced Video Alarms License for 1 Site, Renewal	$1,500
LIC-BX-MA-3Y-RNW	3-Year Advanced Video Alarms License for 1 Site, Renewal	$4,500
LIC-BX-MA-5Y-RNW	5-Year Advanced Video Alarms License for 1 Site, Renewal	$7,500
LIC-BX-MA-10Y-RNW	10-Year Advanced Video Alarms License for 1 Site, Renewal	$15,000

1. Organizations can stack LIC-BX-MA licenses to increase the number of camera triggers allowed per site in packs of 15

Ordering Information

Panel

Model Number	Description	Cost (MSRP) USD
BP32-HW-NA	BP32 Wireless Alarm Panel, North America	$799
BP52-HW-NA	BP52 Alarm Panel, North America Type B Plug	$899
ACC-CEL-LTE-2	Cellular Backup Communicator for BP52 Panel	$349
ACC-VBX-200WH	200Wh Backup Battery for BP52 Panel	$199
ACC-VBX-ENC	Dual Battery Enclosure for BP52 Panel	$299

Cellular Backup License

Model Number	Description	Cost (MSRP) USD
LIC-BX-CEL-1Y-CAP	1-Year Cellular Backup License With Data, Capacity Increase	$299
LIC-BX-CEL-3Y-CAP	3-Year Cellular Backup License With Data, Capacity Increase	$849
LIC-BX-CEL-5Y-CAP	5-Year Cellular Backup License With Data, Capacity Increase	$1,349
LIC-BX-CEL-10Y-CAP	10-Year Cellular Backup License With Data, Capacity Increase	$2,699
LIC-BX-CEL-1Y-RNW	1-Year Cellular Backup License With Data, Renewal	$299
LIC-BX-CEL-3Y-RNW	3-Year Cellular Backup License With Data, Renewal	$849
LIC-BX-CEL-5Y-RNW	5-Year Cellular Backup License With Data, Renewal	$1,349
LIC-BX-CEL-10Y-RNW	10-Year Cellular Backup License With Data, Renewal	$2,699

Keypad

Model Number	Description	Cost (MSRP) USD
BK22-HW	BK22 Alarm Keypad	$399
ACC-CON-STD-1	Tabletop Mounting Stand (Optional)	$199

Ordering Information

Expander

Model Number	Description	Cost (MSRP) USD
BE32-HW	BE32 Alarm Expander	$349

Wireless Hub and Repeater

Model Number	Description	Cost (MSRP) USD
WH32-HW	WH32 Wireless Repeater	$299
WH52-HW	WH52 Wireless Hub	$599
ACC-WA-30W-NA	30W Wall Adapter for WH32, North America Type B Plug	$89

Wireless Sensors

Model Number	Description	Cost (MSRP) USD
BR33-HW	Mounted Panic Button	$99
BR35-HW	Wireless Water Leak Sensor	$99
QC11-W-HW	Wireless Door/Window Sensor, Dual Technology	$99
QM11-W-HW	Wireless Wall Motion Sensor, Dual Technology	$159
QT11-W-HW	Wireless Universal Transmitter	$99

Wired Sensors

Model Number	Description	Cost (MSRP) USD
BR11-HW	Wired Motion Sensor	$99
BR12-HW	Wired Surface Mount Door Contacts - 5 Pack	$99
BR13-HW	Wired Recess Mount Door Contacts - 5 Pack	$99

Ordering Information

Horn Speaker[1]

Model Number	Description	Cost (MSRP) USD
BZ11-HW	BZ11 Horn Speaker	$799
LIC-BZ-1Y-CAP	1-Year Horn Speaker License, Capacity Increase	$199
LIC-BZ-3Y-CAP	3-Year Horn Speaker License, Capacity Increase	$549
LIC-BZ-5Y-CAP	5-Year Horn Speaker License, Capacity Increase	$899
LIC-BZ-10Y-CAP	10-Year Horn Speaker License, Capacity Increase	$1,799
LIC-BZ-1Y-RNW	1-Year Horn Speaker License, Renewal	$199
LIC-BZ-3Y-RNW	3-Year Horn Speaker License, Renewal	$549
LIC-BZ-5Y-RNW	5-Year Horn Speaker License, Renewal	$899
LIC-BZ-10Y-RNW	10-Year Horn Speaker License, Renewal	$1,799

Siren Strobe

Model Number	Description	Cost (MSRP) USD
BZ32-HW	BZ32 Siren Strobe, Outdoor	$299

1. An Alarm License is not required for user talk down via the BZ11, but is required for professional monitoring talk down.