



Powerful video security built for the toughest environments

Overview

Verkada's Bullet Series delivers enterprise-grade security with leading edge based processing and onboard storage in a new, bold form factor. Built to withstand the toughest environments, the Bullet Series features a sealed aluminum housing, ensuring cameras stay protected with an IK10 vandal resistance and IP67 waterproof rating.

With powerful long range IR sensors, image resolutions up to 4K and lens options for wide angle or telephoto, Verkada bullet cameras deliver stunning video quality day or night, even in the most challenging indoor and outdoor environments.

All cameras in the Bullet Series are part of Verkada's line of hybrid cloud cameras and work out-of-the-box. With standard features like end-to-end encryption, onboard storage, and advanced motion-based insights, organizations are able to quickly scale their coverage and increase situational awareness across any number of locations.

The Bullet Series' powerful processing delivers advanced computer vision features including Verkada's edge-based People and Vehicle Analytics. Bringing speed and efficiency to investigations, footage is processed directly on the camera, meaning results are nearly instant and always accessible.

Industry-Leading 10-Year Product Warranty

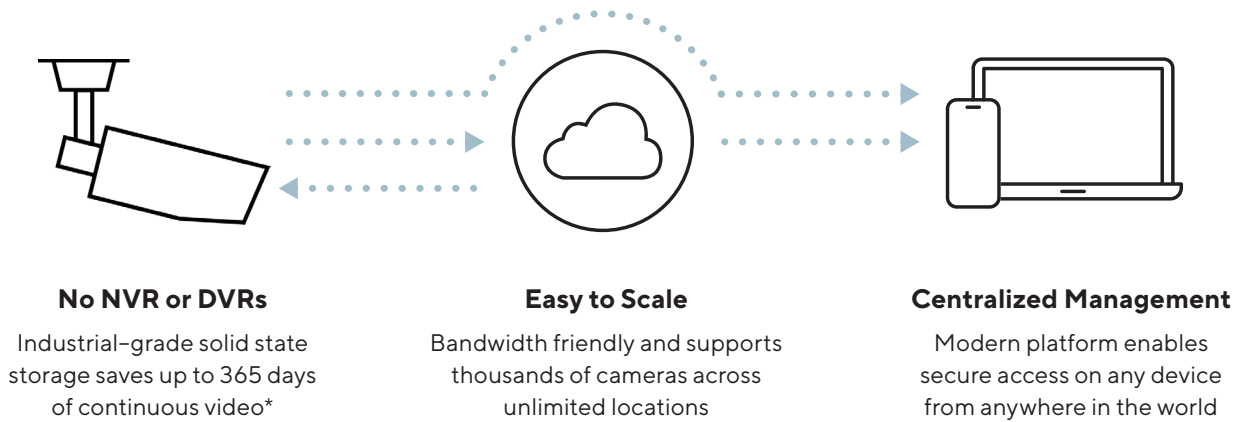
All Verkada hardware purchases are backed by our 10-year limited warranty. For more information, visit verkada.com/support/end-user-agreement.

Key Features

- Available in wide angle and telephoto lens options
- Long-range IR illuminators for optimal nighttime visibility
- License Plate Recognition available for telephoto cameras
- Highly durable, vandal resistant form factor
- Edge-based processing for motion, People, and Vehicle Analytics
- Up to 365 days of onboard storage in standard quality
- Low-bandwidth impact, only using 20-50 kbps per camera at rest
- Waterproof IP67-rated aluminum housing with hermetically sealed lens assembly
- Highly durable with an IK10 rating



Verkada's Hybrid Cloud Architecture



The reliability of on-camera solid-state storage, with the accessibility of the cloud

Simple to Install

- No NVRs, DVRs, or servers—just a PoE connection
- Cameras come online and configure in minutes
- No added software or complexities like port forwarding

Easy to Use

- Centralized management for seamless access vertically anywhere
- No training required to access footage and features
- Find, download, and share footage from any device

Advantages of Cloud-Managed Solution

- Secure remote access on any device nearly anywhere
- Real-time alerts if cameras fall offline
- SAML-based integration with single-sign on (SSO) solutions
- Continuous updates with new AI features
- Instantly share live footage via SMS and email
- Live, proactive alerting based on unusual activity
- People counting and heatmaps to visualize your space

Ready For Scale

- Bandwidth-friendly, using 20–50 Kbps per camera in steady mode
- Scale to thousands of cameras across all locations
- No added equipment needed to support additional cameras

No Hidden Costs

- Hardware includes an industry-leading 10-year warranty
- Automatic firmware updates keep systems secure
- New features and enhancements are added at no additional costs

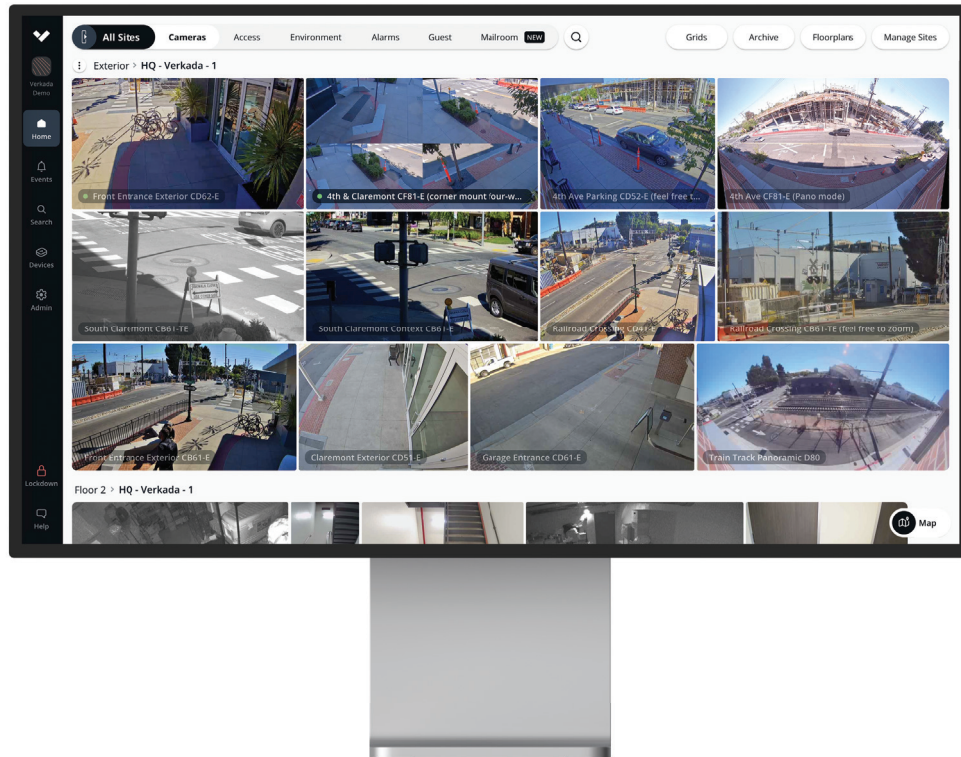
*All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality video is stored up to the amount of retention specified by the customer. The amount of high quality video stored on the camera will depend on the amount of motion detected by the camera over time. To learn more, visit our website: <https://www.verkada.com/blog/recording-in-adaptive-quality/>





Command Platform Overview

All-in-one cloud-based management software for Verkada security cameras



Command, Verkada's cloud-based management software, is designed to deliver simple access and management for all cameras and users across all sites from virtually anywhere in the world. From Command, users can set up new cameras, create sites, manage settings, access live and archived footage, manage users, and access the advanced features powered by Verkada's edge based analytics.

Security & Permissions

- SAML/OAuth support for single sign-on
- 2-factor authentication options
- User permissions can be controlled at camera, site and organization levels

Remote Access

- Access from nearly any device (desktops, smartphones, tablets)
- Native apps for iOS, Android, and Verkada's VX52 Viewing Station

Occupancy Trends

- Estimate how many people cross a customizable digital line on a video feed
- Monitor usage of a space to optimize business operations

Archiving and Sharing

- Command licenses include unlimited cloud archiving
- Easily export any footage in a shareable MP4 format
- Create and share Live Links with first responders

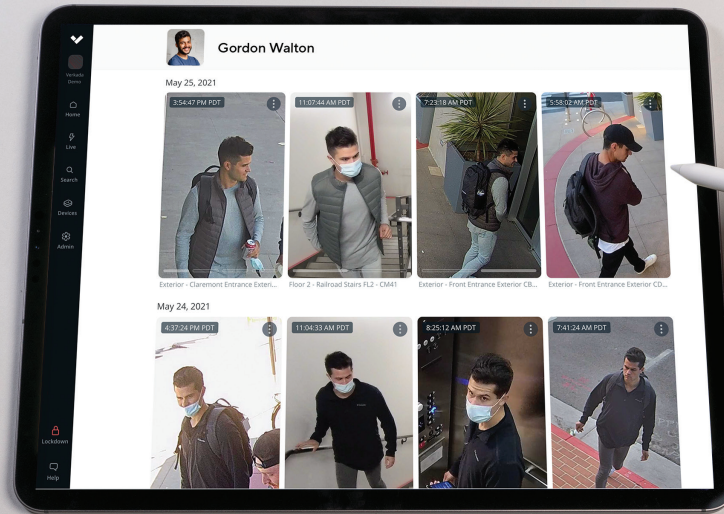
Powerful Edge-Based Analytics

- Search footage by date, time, and motion
- Access People and Vehicle Analytics to simplify investigations



Verkada's People Analytics

Simplify and speed up investigations
with intelligent people and face detection



People Analytics combines intelligent edge-based video processing with computer vision in the cloud to give users high-quality images of all individuals identified in the scene. With Verkada's centralized management platform, customers can filter people by various attributes, including date, time, appearance, clothing color, backpack detection, and facial matches.

Bring Intelligence to Investigations

Face Search

- Quickly search for matching people by selecting an existing face from your organization or by uploading an image

Person History

- Browse through high-resolution snapshots of people detected in frame
- Save snapshots or easily access associated full-res video

Investigate Anywhere

- People Analytics is available from any device and can be accessed from virtually anywhere in the world

Attribute Filters

- Filter based on a range of attributes, including clothing color, gender appearance, and facial matches

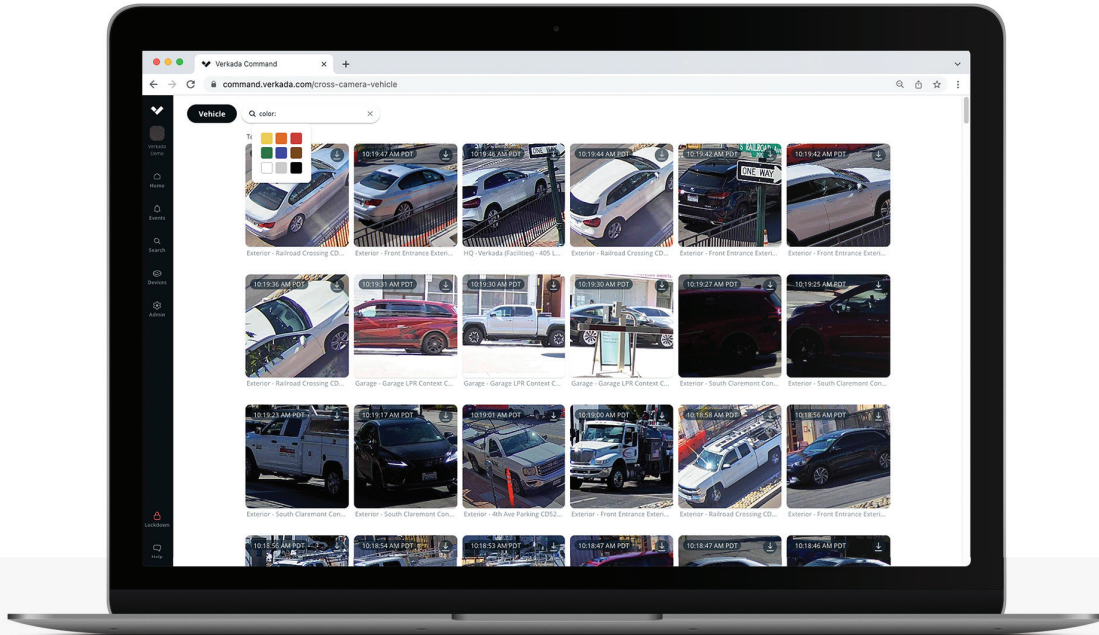
Cross-Camera Tracking

- Easily find potential suspects or people of interest across all cameras deployed across all sites
- Create and export playback of multiple angles of a person to quickly provide evidence



Verkada's Vehicle Analytics

Quickly search and filter
to find vehicles of interest



Vehicle Analytics is a powerful edge-based feature that gives users high-quality images of all vehicles identified in the scene. With Verkada's centralized management platform, customers can filter vehicles by date, time, color, and body type.

Find and Filter Vehicles with Ease

Vehicle History

- Browse through high-resolution snapshots of vehicles detected in frame
- Save snapshots or easily access associated full-res video

Investigate Anywhere

- Vehicle Analytics is available from any device and can be accessed from virtually anywhere in the world

Attribute Filters

- Filter based on a range of attributes, including vehicle color, and body type

Cross-Camera Tracking

- Easily find similar vehicles of interest across all cameras deployed across all sites
- Create and export playback of multiple angles of a vehicle to quickly provide evidence

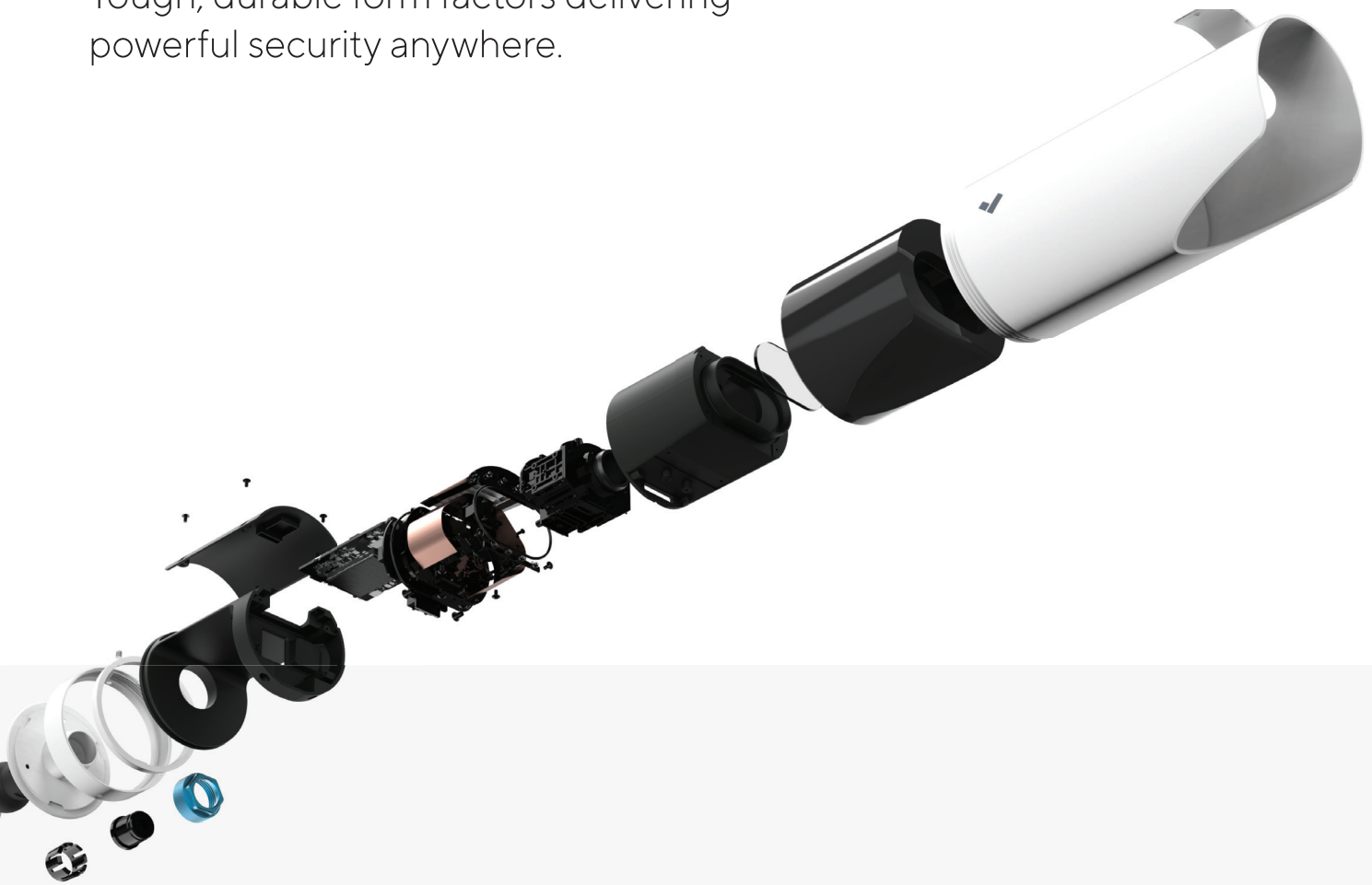
License Plate Recognition

- Leverage a dual-camera system to provide LPR coverage, monitor a live LPR feed, and search by plate number.
- Receive License Plate of Interest Alerts via SMS or email with an image or link to review the associated footage.



Verkada's Bullet Series Hardware

Tough, durable form factors delivering powerful security anywhere.



Built Tough

- IK10-rated CNC aluminum housing for unmatched precision and durability
- Waterproof IP67-rated hermetically sealed lens assembly

High-Capacity Storage

- Enterprise-grade solid-state drives provide up to 365 days of continuous recording
- Wide range of storage options to ensure your organization meets all compliance requirements

Uncompromised Image Quality

- High image resolution up to ultra-HD 4K
- Up to 3x optical zoom
- Long-range IR sensors for enhanced nighttime viewing
- Built-in shield to protect lens from obstruction





Lens Options

- The Bullet Series comes in a wide angle and telephoto models



Comparison: Wide Angle & Telephoto

Understand the lens options of Verkada’s Bullet Series

| | Wide Angle | Telephoto |
|-----------------------|---|--|
| Focal Length | 2.8mm-8mm | 8mm-20mm |
| Image at No Zoom |  |  |
| | CB61-E at 2.8mm | CB61-TE at 8mm |
| Image at Full Zoom |  |  |
| | CB61-E at 8mm | CB61-TE at 20mm |



Bullet Series

Tech Specs



CB51-E



CB61-E



CB51-TE



CB61-TE

| | | | | |
|-----------------------------|---|---|---|--|
| Sensor Resolution* | 5MP (2688 x 1944) | 4K (3840 x 2160) | 5MP (2688 x 1944) | 4K (3840 x 2160) |
| Lens Type | Optical Zoom | | | |
| Image Sensor | 1/2.8" Progressive CMOS | | | |
| Focal Length | f=2.8mm-8mm | | f=8mm-20mm | |
| Iris | P-Iris | | | |
| Audio | - | | | |
| Aperture | F1.3-F2.4 | | F1.5-F2.8 | |
| Field of View (after LDC**) | Horizontal: 41° - 95° (37° - 82°) Vertical: 40° - 59° (28° - 55°) Diagonal: 50° - 105° (46° - 95°) | Horizontal: 42°- 95° (39° - 83°) Vertical: 25° - 48° (23° - 42°) Diagonal: 49° - 100° (44° - 91°) | Horizontal: 16° - 39° (15° - 33°) Vertical: 12° - 29° (11° - 25°) Diagonal: 18° - 46° (17° - 41°) | Horizontal: 17° - 42° (16° - 35°) Vertical: 10° - 24° (9° - 20°) Diagonal: 21° - 52° (18° - 40°) |
| IR Range | 30m / 98ft in low light | | 50m / 164ft in low light | |
| Onboard Storage | From 128GB to 2TB | From 384GB to 2TB | From 128GB to 2TB | From 384GB to 2TB |
| Resistance Rating | IK10, IP67 | | | |
| Dimensions | Ø: 81 L: 263mm with mountplate | | | |
| Operating Specs | Power: 12W (IEEE 802.3af PoE), 20W (IEEE 802.3at PoE) Temperature: -20°C - 50°C (14°F - 122°F), 802.3af / -40°C - 50°C (-40°F - 122°F), 802.3at Humidity: 90% | | | |
| Connectivity | 10/100Mb RJ-45 Cable Connector for Network/PoE Connection | | | |
| RTSP | RTSP 1.0 RFC 2326 Max Concurrent Streams: 2 Audio Support: No | | | |

*All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality video is stored up to the amount of retention specified by the customer. The amount of high quality video stored on the camera will depend on the amount of motion detected by the camera over time. To learn more, visit our website: <https://www.verkada.com/blog/recording-in-adaptive-quality/>

**Lens Distortion Correction (LDC) crops the sensor field of view to deliver a rectified, undistorted output image.



Professional Video Monitoring for Verkada Cameras

Meet Your Virtual Guard

Verkada offers a 24/7 professional monitoring service to review and respond to events from your Verkada cameras.

Monitoring is provided by three fully redundant, U.S.-based, UL listed central stations with Five Diamond Certification from The Monitoring Association.



Assess the Situation

- While your site is armed, our agents will review video in real time when any camera detects a person.
- If the person is deemed a threat to people or property, an alarm will be raised.

Make Contact

- When an alarm is raised, agents will call and send SMS messages to the predetermined contact list.
- If there's a visible emergency in progress, agents will contact local emergency services immediately.

Take Action

- If a threat is confirmed by someone on the contact list, or if no one can be reached, agents will dispatch local first responders to the site address.
- All events can be reviewed, archived and accessed from Command for incident investigation.

Alarm License Pricing

Professional monitoring of Verkada cameras is included in the Alarm License. The Alarm License includes access to the cloud-managed Verkada Alarms platform and unlimited video review of person detection events. One Alarm License is required for each unique site address, with no limit on monitored cameras.

Alarm License Pricing

| Product Name | Description | Cost (MSRP) USD |
|--------------|-----------------------|-----------------|
| LIC-BA-1Y | 1-Year Alarm License | \$1,499 |
| LIC-BA-3Y | 3-Year Alarm License | \$3,999 |
| LIC-BA-5Y | 5-Year Alarm License | \$5,999 |
| LIC-BA-10Y | 10-Year Alarm License | \$11,999 |



Ordering Information

Bullet Series

| Product Name | MP* | WDR | Lens | IR | Onboard Storage | Maximum SQ Onboard Retention* | People/ Vehicle Analytics | Cost (MSRP) ^{USD} |
|---------------|-----|-----|------|-----|-----------------|-------------------------------|------------------------------|----------------------------|
| CB51-30E-HW | 5.0 | ✓ | Zoom | 30m | 128GB | 30 Days | ✓ | \$1,399 |
| CB51-60E-HW | 5.0 | ✓ | Zoom | 30m | 256GB | 60 Days | ✓ | \$1,799 |
| CB51-90E-HW | 5.0 | ✓ | Zoom | 30m | 384GB | 90 Days | ✓ | \$2,199 |
| CB51-365E-HW | 5.0 | ✓ | Zoom | 30m | 2TB | 365 Days | ✓ | \$3,599 |
| CB61-30E-HW | 8.0 | ✓ | Zoom | 30m | 384GB | 30 Days | ✓ | \$1,799 |
| CB61-60E-HW | 8.0 | ✓ | Zoom | 30m | 1TB | 60 Days | ✓ | \$2,699 |
| CB61-90E-HW | 8.0 | ✓ | Zoom | 30m | 2TB | 90 Days | ✓ | \$3,599 |
| CB51-30TE-HW | 5.0 | ✓ | Zoom | 50m | 128GB | 30 Days | ✓ | \$1,499 |
| CB51-60TE-HW | 5.0 | ✓ | Zoom | 50m | 256GB | 60 Days | ✓ | \$1,899 |
| CB51-90TE-HW | 5.0 | ✓ | Zoom | 50m | 384GB | 90 Days | ✓ | \$2,299 |
| CB51-365TE-HW | 5.0 | ✓ | Zoom | 50m | 2TB | 365 Days | ✓ | \$3,699 |
| CB61-30TE-HW | 8.0 | ✓ | Zoom | 50m | 384GB | 30 Days | ✓ | \$1,899 |
| CB61-60TE-HW | 8.0 | ✓ | Zoom | 50m | 1TB | 60 Days | ✓ | \$2,799 |
| CB61-90TE-HW | 8.0 | ✓ | Zoom | 50m | 2TB | 90 Days | ✓ | \$3,699 |

*All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality video is stored up to the amount of retention specified by the customer. The amount of high quality video stored on the camera will depend on the amount of motion detected by the camera over time. To learn more, visit our website: <https://www.verkada.com/blog/recording-in-adaptive-quality/>



Ordering Information

Video Security Cloud License Pricing

| Product Name | Description | Cost (MSRP) USD |
|--------------|------------------------|-----------------|
| LIC-1Y | 1-Year Camera License | \$199 |
| LIC-3Y | 3-Year Camera License | \$549 |
| LIC-5Y | 5-Year Camera License | \$899 |
| LIC-10Y | 10-Year Camera License | \$1,799 |

Viewing Station Pricing

| | | |
|------------|---------------------------------|---------|
| VX52-HW | VX52 Viewing Station | \$499 |
| LIC-VX-1Y | 1-Year Viewing Station License | \$499 |
| LIC-VX-3Y | 3-Year Viewing Station License | \$1,299 |
| LIC-VX-5Y | 5-Year Viewing Station License | \$1,999 |
| LIC-VX-10Y | 10-Year Viewing Station License | \$3,999 |

Alarm License Pricing

| | | |
|------------|-----------------------|----------|
| LIC-BA-1Y | 1-Year Alarm License | \$1,499 |
| LIC-BA-3Y | 3-Year Alarm License | \$3,999 |
| LIC-BA-5Y | 5-Year Alarm License | \$5,999 |
| LIC-BA-10Y | 10-Year Alarm License | \$11,999 |