

## Strengthen and simplify security at scale

### Overview

Verkada’s line of hybrid cloud security cameras combines powerful edge-based processing with the limitless capabilities of cloud computing. With Verkada’s hybrid cloud architecture, cameras analyze events in real-time, while simultaneously leveraging Verkada’s industry-leading computer vision technology for instantaneous insights that bring speed and efficiency to incident investigations.

From Command search, Verkada’s centralized web-based platform, users can find the footage they need in seconds. With features like Motion Detection, People Analytics, and Vehicle Analytics, teams can quickly search across their organization to find relevant footage, eliminating the need to scrub through incidents manually.

All cameras have built-in onboard storage, including extended storage options up to 365 days of continuous recording in standard quality. With Verkada, organizations no longer need to worry about managing and maintaining devices like NVRs. Verkada cameras can self-manage, process and safely store footage locally on each device, while cloud-based archiving allows organizations to save and share as much footage as needed.

Available in a wide range of form factors, including indoor and outdoor models, Verkada security cameras work out of the-box without any additional downloads or configurations. Users can access events and associated footage from virtually anywhere from any device. Most importantly, without needing to open port forwards or setup VPNs, all Verkada traffic is automatically protected with data encrypted in transit and at rest.

### 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](https://verkada.com/support/end-user-agreement).



## Verkada's Hybrid Cloud Architecture



### No NVR or DVRs

Industrial-grade solid state storage saves up to 365 days of continuous video\*

### Easy to Scale

Bandwidth friendly and supports thousands of cameras across unlimited locations

### Centralized Management

Modern platform enables secure access on any device from anywhere in the world

## The reliability of onboard 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/>





## Video Security Hardware

Wide range of form factors  
built for any need



### Dome Series

- Wide range of models for indoor and outdoor deployments
- Vandal-resistant form factors, including ratings of IK08 (indoor) and IK10/IP67 (outdoor)
- Image resolutions ranging from 5MP-4K
- Up to 365 days of retention in standard quality
- 128GB - 2TB of onboard storage
- Occupancy Trends available for CD62/CD62-E cameras



### Bullet Series

- Available in wide and telephoto lens options
- Waterproof IP67-rated hermetically sealed lens assembly, IK10-rated CNC aluminum housing for unmatched durability
- Available in 5MP and 4K image resolutions
- Up to 365 days of retention in standard quality
- 128GB - 2TB of onboard storage
- License Plate Recognition available for CB51-TE and CB61-TE cameras



### Mini Series

- Low-profile form factors for any environment
- High-resolution image quality with options for 5MP and 4K
- Up to 365 days of retention in standard quality
- 128GB - 2TB of onboard storage



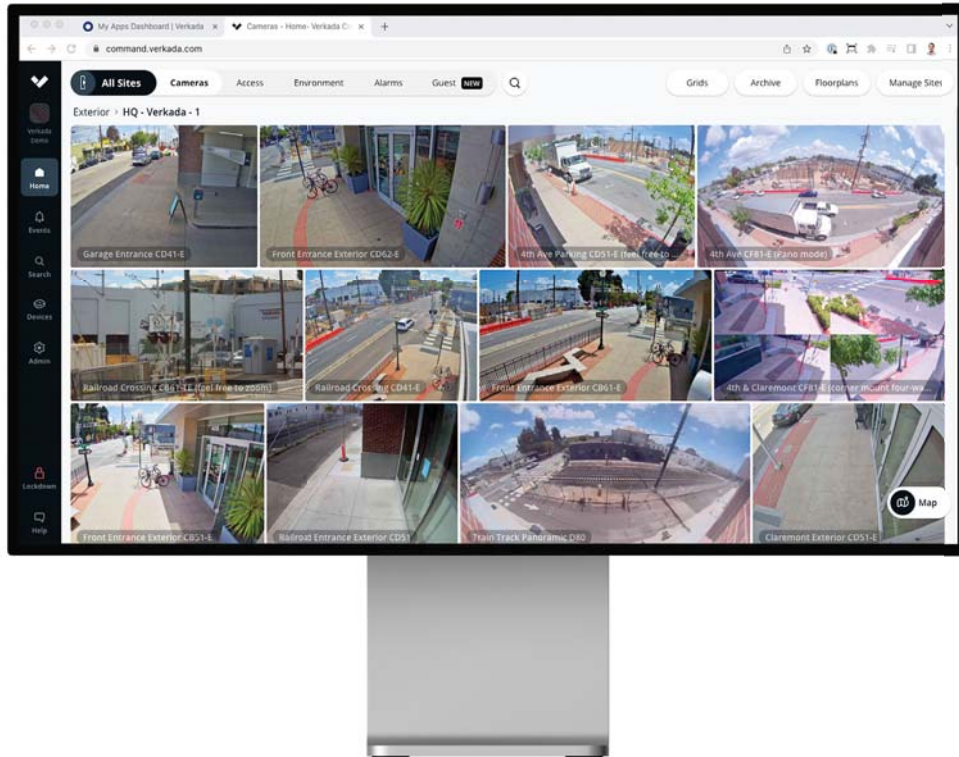
### Fisheye Series

- Three viewing modes: Panoramic, PTZ, 4-way split
- High-resolution image quality with 12MP
- Up to 90 days of retention in standard quality
- 512GB - 2TB of onboard storage



## 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

### 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



Available across Verkada's Dome Series, 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

### Occupancy Trends

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

### Attribute Filters

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

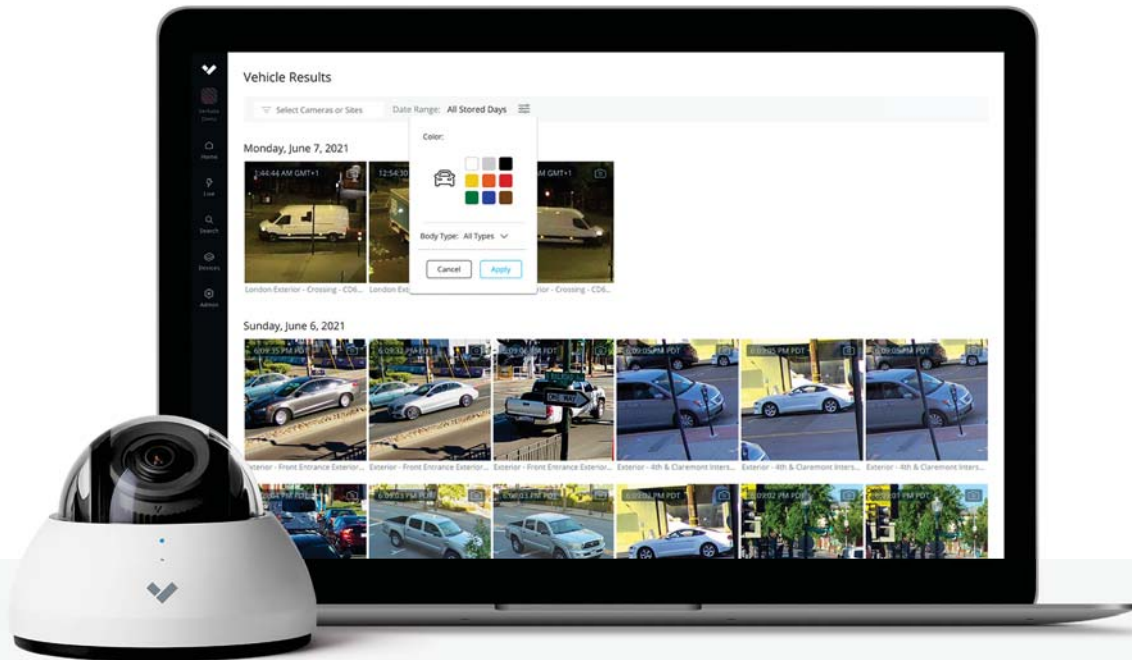
### Cross-Camera Tracking

- 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, vehicle make, 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.



## 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



## Indoor Dome Series

### Tech Specs



CD42



CD52



CD62

<b>Sensor Resolution*</b>	5MP (2688 x 1944)	5MP (2688 x 1944)	4K (3840 x 2160)
<b>Lens Type</b>	Fixed	3x Optical Zoom	
<b>Image Sensor</b>	1/2.8" Progressive CMOS		
<b>Focal Length</b>	f=2.8mm	f=2.8-8mm	
<b>Iris</b>	Fixed	P-Iris	
<b>Audio</b>	Yes		
<b>Aperture</b>	F1.6	F1.3-F2.4	
<b>Field of View (after LDC**)</b>	Horizontal: 87° (78°) Vertical: 70° (63°) Diagonal: 101° (91°)	Horizontal: 41° - 93° (37° - 84°) Vertical: 31° - 76° (28° - 68°) Diagonal: 50° - 107° (45° - 97°)	Horizontal: 44° - 97° (40° - 87°) Vertical: 26° to 63° (23° - 57°) Diagonal: 50° to 106° (45° - 95°)
<b>IR Range</b>	15m / 50ft in low light	30m / 98ft in low light	
<b>Onboard Storage</b>	From 256GB to 2TB		From 512GB to 2TB
<b>Resistance Rating</b>	Rating IK08, FCC, IEC60950-1		
<b>Dimensions</b>	With mount plate: Ø: 146mm / 5.75in, H: 104.3mm / 4.11in ; 736g / 25.96oz Without mount plate: Ø: 146mm / 5.75in, H: 99.8mm / 3.93in ; 593g / 20.92oz		
<b>Operating Specs</b>	Power: 11W (IEEE 802.3af PoE) Temperature: -10°C - 50°C (14°F - 122°F) Humidity: 90%		
<b>Connectivity</b>	Ethernet: 10/100Mbps RJ-45 cable connector for Network/PoE connection		

\*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.





## Outdoor Dome Series

### Tech Specs



CD42-E



CD52-E



CD62-E

<b>Sensor Resolution*</b>	5MP (2688 x 1944)	5MP (2688 x 1944)	4K (3840 x 2160)
<b>Lens Type</b>	Fixed	3x Optical Zoom	
<b>Image Sensor</b>	1/2.8" Progressive CMOS		
<b>Focal Length</b>	f=2.8mm	f=2.8-8mm	
<b>Iris</b>	Fixed	P-Iris	
<b>Audio</b>	Yes		
<b>Aperture</b>	F1.6	F1.3-F2.4	
<b>Field of View (after LDC**)</b>	Horizontal: 87° (78°) Vertical: 70° (63°) Diagonal: 101° (91°)	Horizontal: 41° - 93° (37° - 84°) Vertical: 31° - 76° (28° - 68°) Diagonal: 50° - 107° (45° - 97°)	Horizontal: 44° - 97° (40° - 87°) Vertical: 26° - 63° (23° - 57°) Diagonal: 50° - 106° (45° - 95°)
<b>IR Range</b>	15m / 50ft in low light	30m / 98ft in low light	
<b>Onboard Storage</b>	From 256GB to 2TB		From 512GB to 2TB
<b>Resistance Rating</b>	IK10, IP67, FCC, IEC60950-1		
<b>Dimensions</b>	With mount plate: Ø: 155mm / 6.1in, H: 114.6mm / 4.51in; 996g / 35.13oz Without mount plate: Ø: 155mm / 6.1in, H: 107.6mm / 4.24in; 818g / 28.85oz		
<b>Operating Specs</b>	Power: 12W (IEEE 802.3af PoE); Extended Temperature Range: 20W (IEEE 802.3at PoE) Temperature: -20°C - 50°C / -4°F - 122°F, PoE 802.3af; -40°C - 50°C / -40°F - 122°F, PoE 802.3at Humidity: 90%		
<b>Connectivity</b>	Ethernet: 10/100Mbps RJ-45 cable connector for Network/PoE connection		

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## Mini Series

# Tech Specs



CM41



CM41-E



CM41-S



CM61

<b>Sensor Resolution*</b>	5MP (2688 x 1944)		4K (3840 x 2160)
<b>Lens Type</b>	Fixed		
<b>Image Sensor</b>	1/2.8" Progressive CMOS		1/1.8" Progressive CMOS
<b>Focal Length</b>	f=2.8mm		f=4.57mm EFL (at infinity)
<b>Iris</b>	Fixed		
<b>Audio</b>	Yes	-	Yes
<b>Aperture</b>	F1.6		F1.7
<b>Field of View (after LDC**)</b>	Horizontal: 86° (77°) Vertical: 69° (62°) Diagonal: 100° (90°)		Horizontal: 87° (78°) Vertical: 54° (49°) Diagonal: 95° (86°)
<b>IR Range</b>	15m / 49ft in low light	N/A	15m / 49ft in low light
<b>Onboard Storage</b>	From 128GB to 2TB	From 128GB to 384GB	From 256GB to 768GB
<b>Resistance Rating</b>	IK08	IK10/IP67/IP6K9K	N/A
<b>Dimensions</b>	Ø: 100mm x 63mm 3.94 x 2.48 inches	Ø: 121mm x 72mm 4.78 x 2.83 inches	Base Dimensions Ø: 94.18mm / 3.70in Height 27.64mm / 1.09in Camera Dimensions Width: 55.22mm / 2.17in Height: 47.88mm / 1.89in Depth: 35.22mm / 1.39in Ø: 101mm x 57mm 3.98 x 2.24 inches
<b>Operating Specs</b>	Power: 6W (IEEE 802.3af PoE) Temp: -10 – 50°C (14 – 122°F) Humidity: 90%	Power: 12W (IEEE 802.3af PoE) Temp: -40 – 55°C (-40 – 131°F) Humidity: 90%	Power: 4.5W (IEEE 802.3af PoE) Temp: -10 – 50°C (14 – 122°F) Humidity: 90%
<b>Connectivity</b>	10/100Mb RJ-45 Cable Connector for Network/PoE Connection		

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# Bullet Series Tech Specs



CB51-E



CB61-E



CB51-TE



CB61-TE

<b>Sensor Resolution*</b>	5MP (2688 x 1944)	4K (3840 x 2160)	5MP (2688 x 1944)	4K (3840 x 2160)
<b>Lens Type</b>	Optical Zoom			
<b>Image Sensor</b>	1/2.8" Progressive CMOS			
<b>Focal Length</b>	f=2.8mm-8mm		f=8mm-20mm	
<b>Iris</b>	P-Iris			
<b>Audio</b>	-			
<b>Aperture</b>	F1.3-F2.4		F1.5-F2.8	
<b>Field of View (after LDC**)</b>	Horizontal: 41° - 91° (37° - 82°) Vertical: 31° - 73° (28° - 66°) Diagonal: 51°-105° (46° - 95°)	Horizontal: 44°-95° (39° - 83°) Vertical: 25° - 61° (23° - 53°) Diagonal: 50° - 103° (44° - 91°)	Horizontal: 17° - 37° (15° - 33°) Vertical: 12° - 28° (11° - 25°) Diagonal: 21° - 45° (19° - 41°)	Horizontal: 18° - 39° (16° - 35°) Vertical: 10° - 22° (9° - 20°) Diagonal: 20° - 44° (18° - 40°)
<b>IR Range</b>	30m / 98ft in low light		50m / 164ft in low light	
<b>Onboard Storage</b>	From 128GB to 2TB	From 384GB to 2TB	From 128GB to 2TB	From 384GB to 2TB
<b>Resistance Rating</b>	IK10, IP67			
<b>Dimensions</b>	Ø: 81 L: 263mm with mountplate			
<b>Operating Specs</b>	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%			
<b>Connectivity</b>	10/100Mb RJ-45 Cable Connector for Network/PoE Connection			

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# Fisheye Series Tech Specs



CF81-E

<b>Sensor Resolution*</b>	12MP (4056x3040)
<b>Lens Type</b>	Fixed Zoom
<b>Image Sensor</b>	1/2.3" Progressive CMOS
<b>Focal Length</b>	f=1.18mm
<b>Iris</b>	Fixed
<b>Audio</b>	Yes
<b>Aperture</b>	F2.18
<b>Four-Way Split</b>	AoV: 180°
<b>Pan/Tilt/Zoom</b>	AoV: 180°
<b>Panoramic after LDC**</b>	Horizontal FoV: 175° Vertical FoV: 78°
<b>IR Range</b>	20m / 65ft in low light
<b>Onboard Storage</b>	From 512GB to 2TB
<b>Resistance Rating</b>	FCC, CE - EN55035, IK10, IP67
<b>Dimensions</b>	With Mount Plate: Ø: 155mm x 71.62mm / 6.1in x 2.82in Without Mount Plate: Ø: 155mm x 64.42mm / 6.1in x 2.54in

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