



Dome Series

Powerful video security built for any environment



Overview

Verkada's Dome Series delivers enterprise-grade security in a wide range of options for any indoor or outdoor environment, including image resolutions up to ultra-HD 4K. Each dome camera features a rugged, vandal-resistant design, simple installation, and 8x more processing power than the previous generation to unlock edge-based analytics for advanced people and vehicle insights.

All cameras in the Dome Series are part of Verkada's line of hybrid cloud cameras and work out-of-the-box without any additional downloads or configurations. 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 Dome Series' powerful processing delivers advanced computer vision features including Verkada's edge-based People and Vehicle Analytics. With these insights, users can quickly filter people detected based on a variety of attributes, including clothing color, gender traits, and facial matches as well as vehicles by make, model, and color. The footage is all 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/terms-of-sale.

Key Features

- Wide range of models for indoor and outdoor video security
- Highly durable, vandal-resistant form factor
- High-resolution image quality up to ultra-HD 4K
- Indoor models with IK08 rating
- Outdoor models with IP67 and IK10 rating
- Powerful edge-based processing for motion/tamper detection and Vehicle/People Analytics
- Low-bandwidth impact, only using 5-20 Kbps per camera at rest
- Cameras with up to 120 days of onboard storage
- 10-year warranty



Verkada's Hybrid Cloud Architecture



No NVRs or DVRs

Industrial-grade solid state storage saves up to 120 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 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 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 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 5-20 Kbps per camera
- Scale to thousands of cameras across all locations
- No added equipment needed to support additional cameras

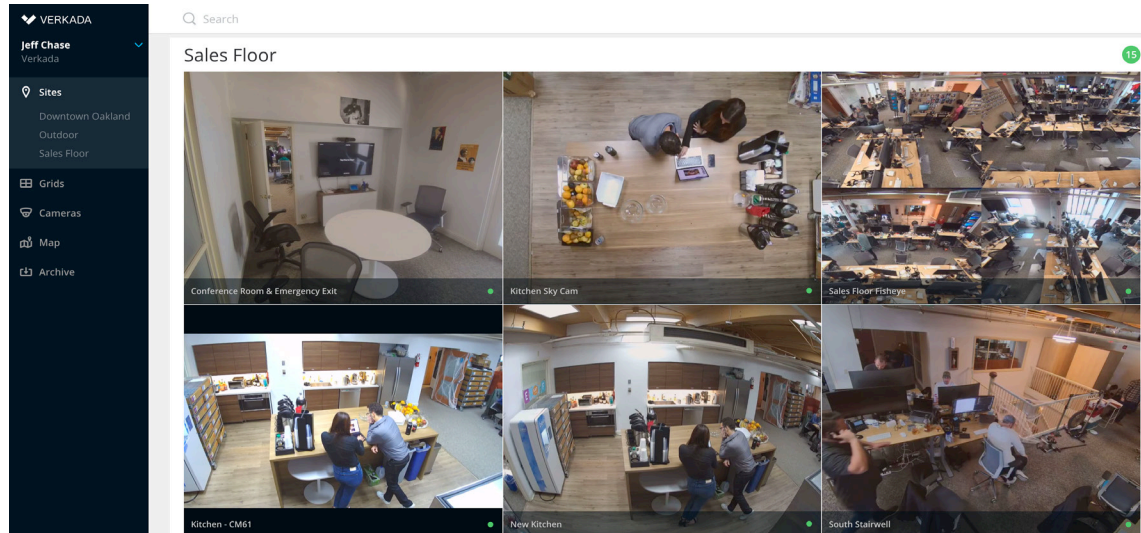
No Hidden Costs

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



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 new sites, manage settings, access live and archived footage, manage users, and access the advanced features powered by Verkada's edge-based analytics.

Remote Access

- Access from any device (desktops, smartphones, tablets)
- Native apps for iOS and Android, Apple TV, and Verkada's VX51 Viewing Station

User Permissions & Account Security

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

Powerful Edge-Based Analytics

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

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

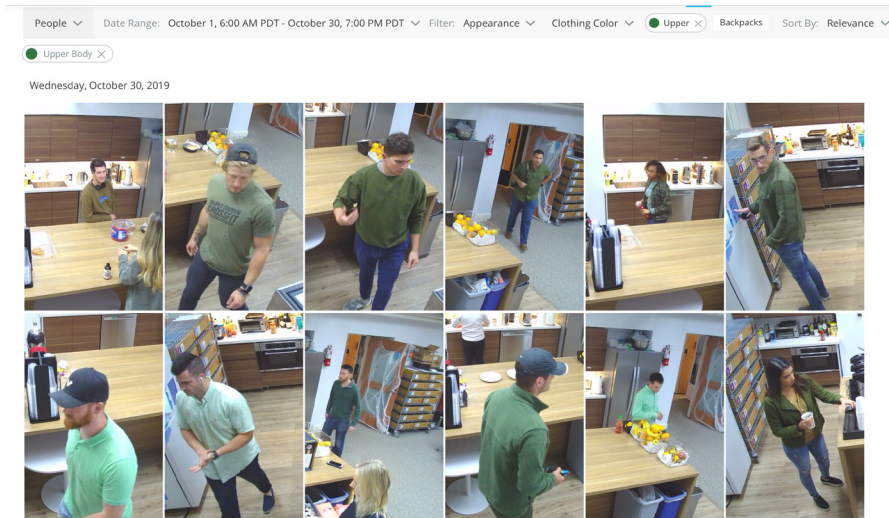
Key Features

- View and manage video from any device (desktop, smartphone, tablet)
- No 3rd party plugins, thick clients, or downloads required
- Encryption in transit and at rest
- No port-forwarding or VPNs
- Detailed user access and audit logs
- Live Link sharing
- Unlimited cloud archiving with footage exports in MP4 format
- Alerts for offline cameras, tampering, and motion detection



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

Person History

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

Face Search

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

Investigate Anywhere

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

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

Attribute Filters

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



Verkada's Vehicle Analytics

Quickly search and filter to find vehicles of interest

Outdoor Camera
Downtown

Vehicle ▾ Date Range: Today, 10:00 AM PDT - Today, 11:00 AM PDT ▾

WEDNESDAY, NOVEMBER 6, 2019

Color: White Gray Black Yellow Orange Red Green Blue Brown

Make: All Makes ▾
Body Type: All Types ▾

Cancel Apply

With Verkada's Dome Series, customers have access to Vehicle Analytics – 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

Attribute Filters

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

Vehicle History

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

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

Investigate Anywhere

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



Indoor Dome Series Models



CD31 Indoor

- **Image Resolution**
2MP
- **Lens Type**
Fixed
- **Rating**
IK08
- **Onboard Storage**
15 Days



CD41 Indoor

- **Image Resolution**
5MP
- **Lens Type**
Fixed
- **Rating**
IK08
- **Onboard Storage**
30, 60, 90, or 120 Days



CD51 Indoor

- **Image Resolution**
5MP
- **Lens Type**
Zoom
- **Rating**
IK08
- **Onboard Storage**
30, 60, 90, or 120 Days



CD61 Indoor 4K

- **Image Resolution**
4K (8MP)
- **Lens Type**
Zoom
- **Rating**
IK08
- **Onboard Storage**
30 or 60 Days



Outdoor Dome Series Models



CD31-E Outdoor

- **Image Resolution**
2MP
- **Lens Type**
Fixed
- **Rating**
IK10 and IP67
- **Onboard Storage**
15 Days



CD41-E Outdoor

- **Image Resolution**
5MP
- **Lens Type**
Fixed
- **Rating**
IK10 and IP67
- **Onboard Storage**
30, 60, 90, or 120 Days



CD51-E Outdoor

- **Image Resolution**
5MP
- **Lens Type**
Zoom
- **Rating**
IK10 and IP67
- **Onboard Storage**
30, 60, 90, or 120 Days



CD61-E Outdoor 4K

- **Image Resolution**
4K (8MP)
- **Lens Type**
Zoom
- **Rating**
IK10 and IP67
- **Onboard Storage**
30 or 60 Days



Dome Series | Indoor Models | Tech Specs



CD31



CD41



CD51



CD61

Image Resolution

2MP (1920 x 1080)
HDR, WDR

5MP (2688 x 1944)
HDR, WDR

5MP (2688 x 1944)
HDR, WDR

4K (3840 x 2160)
HDR, WDR

Lens Type

Fixed

3x Optical Zoom

Image Sensor

1/2.8" Progressive CMOS

Focal Length

f=2.8mm

f=2.8-8mm

Iris

Fixed

P-Iris

Aperture

F1.6

F1.3-2.4

Field of View

Horizontal: 97°
Vertical: 71°
Diagonal: 128°

Horizontal: 38° to 105°
Vertical: 29° to 77°
Diagonal: 48° to 126°

Horizontal: 41° to 116°
Vertical: 23° to 62°
Diagonal: 47° to 136°

IR Range

15m / 50ft in low light

30m / 98ft in low light

Ratings / Certifications

IK08, FCC, IEC60950-1

Dimensions / Weight

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

Operating Specs



Power: 11W (IEEE 802.3af PoE)
Temperature: -10°C - 50°C (14°F - 122°F)
Humidity: 90%

Connectivity

Ethernet: 10/100Mbps RJ-45 cable connector for Network/PoE connection



Dome Series | Outdoor Models | Tech Specs

			
CD31-E	CD41-E	CD51-E	CD61-E
Image Resolution			
2MP (1920 x 1080) HDR, WDR	5MP (2688 x 1944) HDR, WDR	5MP (2688 x 1944) HDR, WDR	4K (3840 x 2160) HDR, WDR
Lens Type			
Fixed		3x Optical Zoom	
Image Sensor			
1/2.8" Progressive CMOS			
Focal Length			
f=2.8mm		f=2.8-8mm	
Iris			
Fixed		P-Iris	
Aperture			
F1.6		F1.3-2.4	
Field of View			
Horizontal: 97° Vertical: 71° Diagonal: 128°		Horizontal: 38° to 105° Vertical: 29° to 77° Diagonal: 48° to 126°	
IR Range			
15m / 50ft in low light		30m / 98ft in low light	
Ratings / Certifications			
IK10, IP67, FCC, IEC60950-1			
Dimensions / Weight			
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			
Operating Specs			
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%			
Connectivity			
Ethernet: 10/100Mbps RJ-45 cable connector for Network/PoE connection			



Ordering Information | Dome Series

Product Name	MP	WDR	Lens	Type	IR	Onboard Retention	People/Vehicle Analytics	Cost (MSRP)
CD31-15-HW	2.0	✓	Fixed	Indoor	15m	15 Days	✓	\$599
CD31-15E-HW	2.0	✓	Fixed	Outdoor	15m	15 Days	✓	\$799
CD41-30-HW	5.0	✓	Fixed	Indoor	15m	30 Days	✓	\$799
CD41-30E-HW	5.0	✓	Fixed	Outdoor	15m	30 Days	✓	\$999
CD41-60-HW	5.0	✓	Fixed	Indoor	15m	60 Days	✓	\$1,199
CD41-60E-HW	5.0	✓	Fixed	Outdoor	15m	60 Days	✓	\$1,399
CD41-90-HW	5.0	✓	Fixed	Indoor	15m	90 Days	✓	\$1,599
CD41-90E-HW	5.0	✓	Fixed	Outdoor	15m	90 Days	✓	\$1,799
CD41-120-HW	5.0	✓	Fixed	Indoor	15m	120 Days	✓	\$1,999
CD41-120E-HW	5.0	✓	Fixed	Outdoor	15m	120 Days	✓	\$2,199
CD51-30-HW	5.0	✓	Zoom	Indoor	30m	30 Days	✓	\$999
CD51-30E-HW	5.0	✓	Zoom	Outdoor	30m	30 Days	✓	\$1,199
CD51-60-HW	5.0	✓	Zoom	Indoor	30m	60 Days	✓	\$1,399
CD51-60E-HW	5.0	✓	Zoom	Outdoor	30m	60 Days	✓	\$1,599
CD51-90-HW	5.0	✓	Zoom	Indoor	30m	90 Days	✓	\$1,799
CD51-90E-HW	5.0	✓	Zoom	Outdoor	30m	90 Days	✓	\$1,999
CD51-120-HW	5.0	✓	Zoom	Indoor	30m	120 Days	✓	\$2,199
CD51-120E-HW	5.0	✓	Zoom	Outdoor	30m	120 Days	✓	\$2,399
CD61-30-HW	8.0	✓	Zoom	Indoor	30m	30 Days	✓	\$1,199
CD61-30E-HW	8.0	✓	Zoom	Outdoor	30m	30 Days	✓	\$1,599
CD61-60-HW	8.0	✓	Zoom	Indoor	30m	60 Days	✓	\$1,899
CD61-60E-HW	8.0	✓	Zoom	Outdoor	30m	60 Days	✓	\$2,299

For more information and to learn about a free 30-day trial, contact sales@verkada.com.



Ordering Information | Cloud License

Product Name	Years	Cost Per Camera (MSRP)
LIC-1Y	1-year camera cloud license	\$199
LIC-3Y	3-year camera cloud license	\$499
LIC-5Y	5-year camera cloud license	\$799
LIC-10Y	10-year camera cloud license	\$1,599

Ordering Information | Accessories

Product Name	Description	Cost (MSRP)
ACC-MNT-2	Mounting arm kit for pendant cap (ACC-MNT-8)	\$89
ACC-MNT-3	Wall mounted L-shaped bracket kit	\$129
ACC-MNT-4	Pole mount adapter kit for ACC-MNT-2 and 3	\$199
ACC-MNT-7	Angle mount kit	\$149
ACC-MNT-8	Pendant cap mount kit	\$69

Ordering Information | Viewing Station

Product Name	Description	Cost (MSRP)
VX51-HW	Verkada viewing station hardware	\$1,999
LIC-VX-1Y	Verkada 1-year VX license	\$499
LIC-VX-3Y	Verkada 3-year VX license	\$1,299
LIC-VX-5Y	Verkada 5-year VX license	\$1,999
LIC-VX-10Y	Verkada 10-year VX license	\$3,999