

# Intelligent Video Security Built to Simplify Investigations



## Overview

Verkada’s Dome Series offers enterprise-grade security in a range of models for indoor and outdoor use. These hybrid cloud cameras have durable, vandal-resistant designs and can capture images with up to 4K resolution. They are easy to install and require no additional setup, downloads, or configuration.

The Dome Series has standard features like data encryption, onboard storage, and advanced motion-based insights. This allows organizations to quickly scale their security coverage and increase situational awareness across multiple locations.

These cameras also have powerful edge processing capabilities that deliver advanced computer vision features, including Verkada’s People and Vehicle Analytics. This allows users to quickly filter people and vehicles based on attributes like clothing color, gender traits and facial matches, as well as vehicle type and color.

## Key features

### Enterprise-grade performance

- High-resolution sensors up to 4K
- Dedicated system-on-a-chip for an enhanced streaming experience
- Advanced edge processing for motion, People and Vehicle Analytics

### Storage and processing

- 256GB-2TB of onboard storage
- Up to 365 days of retention in standard quality
- Low-bandwidth impact, only using 20-50 kbps per camera at rest

### Certifications

- IP67 weather rated outdoor models
- IK10 impact rated outdoor models
- IK08 impact rated indoor models
- NDAA compliant



## Verkada's hybrid cloud architecture



### No NVR or DVRs

Industrial-grade onboard storage saves up to 365 days of continuous video<sup>1</sup>

### 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 secure remote access on any device nearly anywhere
- No training required to access footage and features
- Find, download and share footage from any device

### Advantages of cloud-managed solution

- 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

### Ready for scale

- Bandwidth-friendly, operating at just 20–50 kbps
- Scale to thousands of cameras per location
- No added equipment needed to support additional cameras

### No hidden costs

- Hardware includes up to a 10-year warranty<sup>2</sup>
- Automatic firmware updates keep systems secure
- New features and enhancements are added at no additional costs



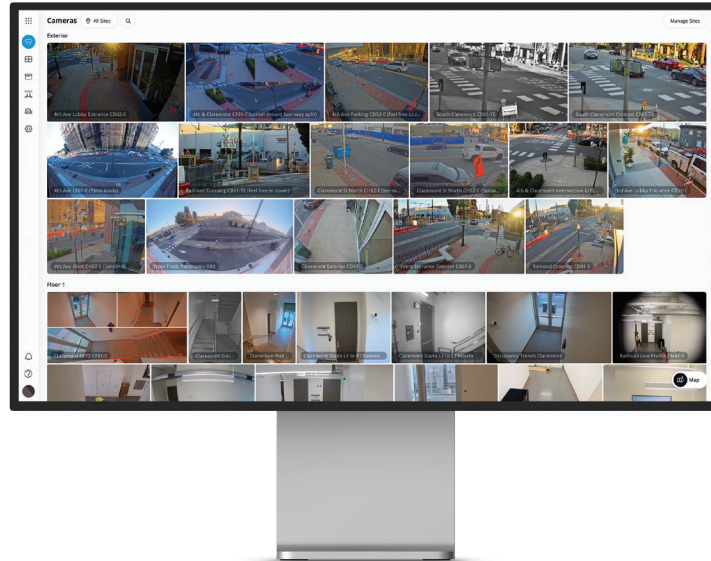
1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) video is stored up to the amount of retention specified by the customer. The amount of high quality video stored on the camera will depend on the amount of motion detected by the camera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

2. Verkada's CD22 and CD22-E Dome cameras come with a 5-year warranty.



## Verkada Command 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.

### Quickly detect and respond to threats

- Stay informed with customizable, intelligent alerts
- Speed up investigations with intelligent people and face detection
- Search and filter to find vehicles of interest and detected license plates

### Remote access on any device

- Access footage from nearly any device (desktops, smartphones, tablets)
- Native apps for iOS, Android and Verkada’s VX52 Viewing Station
- Built-in security integrations with industry-leading MFA providers

### Manage from anywhere

- Remotely access footage and manage sites from any supported browser or device
- Receive alerts for offline cameras, tampering and motion detection
- Gain detailed transparency with audit logs into user access and actions

### Stay secure from the ground up

- Stay secure with data encrypted in transit (AES 128) and at rest (AES 256)
- Access cameras securely without port-forwarding, VPNs, or complicated configurations
- Receive automatic firmware updates to stay a step ahead of emerging threats

### Scale with simplicity

- Add more devices and sites without complicating the user experience
- Leverage granular roles and permissions to manage users at scale
- Bring cameras online without 3rd party plugins, thick clients, or downloads

### Effortlessly archive and share

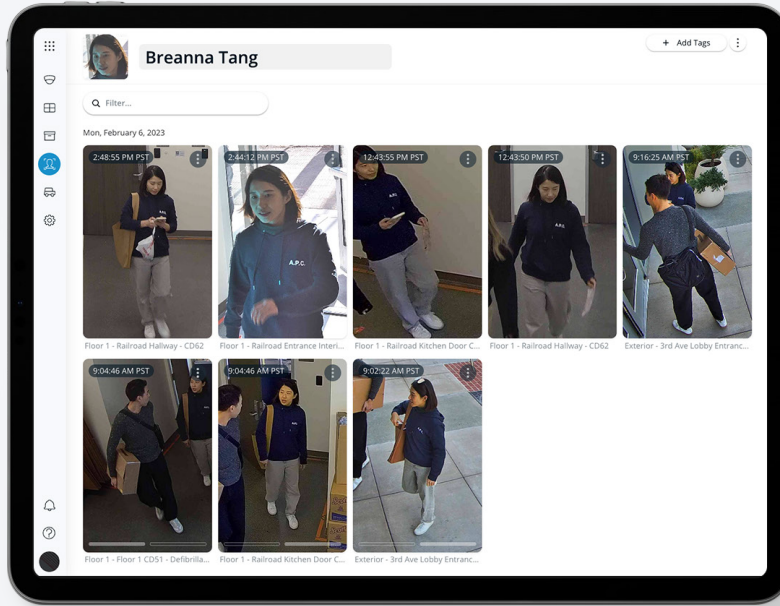
- Command licenses include unlimited cloud archiving and 30-days of cloud backup
- Easily export any footage in a shareable MP4 format
- Share Live Links and floorplans with first responders



# 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. Using People Analytics, customers can filter people by various attributes and expedite investigations.

## 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
- Save snapshots or easily access associated full-res video
- Search for matched people across your entire organization with cross-camera search

### 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

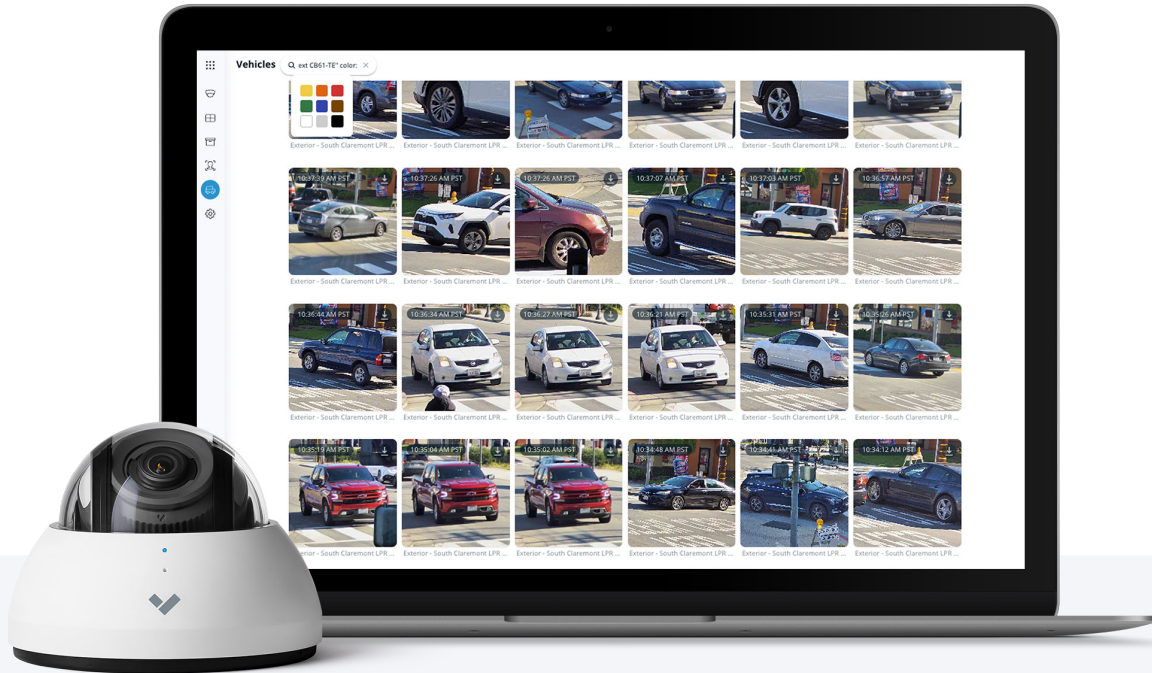
### Person of Interest notifications

- Set up proactive SMS/email notifications for alerting when a matching face is detected by a camera
- Create a Person of Interest by using an uploaded image or an existing face from your organization



## 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 a 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 compatible device and can be accessed from virtually anywhere in the world

### Cross-camera search

- 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

### Attribute filters

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



### Dome camera model comparison

	CD22 / CD22-E	CD32 / CD32-E	CD42 / CD42-E	CD52 / CD52-E	CD62 / CD62-E
<b>Warranty</b>	5 years	10 years	10 years	10 years	10 years
<b>Image sensor</b>	3MP (2048 x 1536)	3MP (2048 x 1536)	5MP (2688 x 1944)	5MP (2688 x 1944)	4K (3840 x 2160)
<b>IR range</b>	10m / 33ft	15m / 49ft	15m / 49ft	30m / 98ft	30m / 98ft
<b>Bitrates</b>	HQ - 1,500 Kbps SQ - 300 Kbps	HQ - 1,500 Kbps SQ - 300 Kbps	HQ - 1,500 Kbps SQ - 300 Kbps	HQ - 1,500 Kbps SQ - 300 Kbps	HQ - 3,000 Kbps SQ - 600 Kbps
<b>People Analytics</b>					
<b>People Detection (Motion search, trajectory analysis)</b>	✓	✓	✓	✓	✓
<b>People Analytics (People search, attribute search, face search, Occupancy Trends)</b>		✓	✓	✓	✓
<b>Vehicle Analytics</b>					
<b>Vehicle Detection (Motion search, trajectory analysis)</b>	✓	✓	✓	✓	✓
<b>Vehicle Analytics (vehicle search, attribute search)</b>		✓	✓	✓	✓
<b>Additional features</b>					
<b>Audio support</b>		✓	✓	✓	✓
<b>Optical zoom</b>				✓	✓



## Indoor Dome Series Tech Specs



CD22

### Camera features

<b>Image Sensor</b>	1/2.8" Progressive CMOS	<b>Shutter Speed</b>	1/30 sec. to 1/10,000 sec.
<b>Sensor Resolution<sup>1</sup></b>	3MP (2048 x 1536)	<b>Day/Night</b>	IR-cut filter for day and night function
<b>Lens Type</b>	Fixed	<b>IR Cut Filter</b>	Yes
<b>Focal Length</b>	2.8mm	<b>IR Range</b>	10m / 33ft
<b>Aperture</b>	F1.6	<b>Minimum Illumination</b>	0.009 lux @ F1.9 (Color) 0 lux with IR Illuminators on
<b>Iris</b>	Fixed	<b>Onboard Storage</b>	Capacity: From 256GB to 768GB Card: MicroSD, SDXC
<b>Field of View (after LDC<sup>2</sup>)</b>	Horizontal: 97° (78°) Vertical: 71° (63°) Diagonal: 128° (91°)	<b>CPU</b>	Ambarella CV25S88
<b>Sensor Movement</b>	Tilt: 60° Pan: 355° Rotation: 180°		

### Standard video settings

<b>Compression</b>	H.265, H.264	<b>Historical Video Settings</b>	Adaptive quality <sup>1</sup>
<b>Frame Rate<sup>3</sup></b>	24fps	<b>Video Streaming Settings</b>	High quality (HQ) - 1,500 Kbps Standard quality (SQ) - 300 Kbps

### Standard audio settings

<b>Audio</b>	Not Supported
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### Power and network

<b>Power Input<sup>4</sup></b>	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: N/A	<b>Connectivity</b>	RJ-45 cable connector for network/PoE connection; 10 / 100 Mbps
<b>Power Consumption<sup>4</sup></b>	With IR: 37-57V, 0.23-0.15A, 8.59W Without IR: 37-57V, 0.11-0.07A, 4.25W Extended temperature range: N/A	<b>RTSP</b>	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) 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/>

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

3. Frame rate can be adjusted by support.

4. Extended temperature range includes operating temperatures below -8.5°C / 16.7°F and assumes IR will be enabled.



# Indoor Dome Series Tech Specs



CD22

## General

<b>Operating Temperature</b>	-10°C to 50°C / 14°F to 122°F	<b>LED Indicator</b>	System power and status indicator
<b>Humidity</b>	0 to 90%	<b>Warranty</b>	5 Years
<b>Certifications</b>	UL, FCC, CB, CE, BIS, NOM, KCC, IK08 impact rating	<b>Included Accessories</b>	Setup guide, T10 security torx screwdriver, screw pack, mounting template

## Mechanical

<b>Weight</b>	Camera: 608g / 21.45oz Mount plate: 140g / 4.94oz	<b>Body</b>	Aluminum, plastic dome trim
<b>Dimensions</b>	Ø: 146mm / 5.75in, H: 104.3mm / 4.11in with mount plate Ø: 146mm / 5.75in, H: 99.8mm / 3.93in without mount plate		

## Software capabilities

<b>Alerts</b>	Camera status, motion detection, people detection, vehicle detection, crowd detection	<b>Streaming and Storage</b>	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
<b>People Analytics</b>	Motion search, trajectory analysis <sup>5</sup>	<b>Sharing and Privacy</b>	Live link, privacy regions, audit log
<b>Vehicle Analytics</b>	Motion search, trajectory analysis <sup>5</sup>		

5. Both indoor and outdoor variants of the following camera models support trajectory analysis: CM42, CD22/32/42/52/62, CB52/62, CH52-E, CP52-E and CF81-E (in panoramic-mode only).





## Indoor Dome Series Tech Specs



CD32

### Camera features

<b>Image Sensor</b>	1/2.8" Progressive CMOS	<b>Shutter Speed</b>	1/30 sec. to 1/10,000 sec.
<b>Sensor Resolution<sup>1</sup></b>	3MP (2048 x 1536)	<b>Day/Night</b>	IR-cut filter for day and night function
<b>Lens Type</b>	Fixed	<b>IR Cut Filter</b>	Yes
<b>Focal Length</b>	2.8mm	<b>IR Range</b>	15m / 49ft
<b>Aperture</b>	F1.6	<b>Minimum Illumination</b>	0.009 lux @ F1.9 (Color) 0 lux with IR Illuminators on
<b>Iris</b>	Fixed	<b>Onboard Storage</b>	Capacity: From 256GB to 768GB Card: MicroSD, SDXC
<b>Field of View (after LDC<sup>2</sup>)</b>	Horizontal: 97° (78°) Vertical: 71° (63°) Diagonal: 128° (91°)	<b>CPU</b>	Ambarella CV25S88
<b>Sensor Movement</b>	Tilt: 60° Pan: 355° Rotation: 180°		

### Standard video settings

<b>Compression</b>	H.265, H.264	<b>Historical Video Settings</b>	Adaptive quality <sup>1</sup>
<b>Frame Rate<sup>3</sup></b>	24fps	<b>Video Streaming Settings</b>	High quality (HQ) - 1,500 Kbps Standard quality (SQ) - 300 Kbps

### Standard audio settings

<b>Audio</b>	Supported	<b>Interface</b>	Built-in microphone
<b>Audio Capacity</b>	One-way audio	<b>Effective Range</b>	5m / 15ft

### Power and network

<b>Power Input<sup>4</sup></b>	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: N/A	<b>Connectivity</b>	RJ-45 cable connector for network/PoE connection; 10 / 100 Mbps
<b>Power Consumption<sup>4</sup></b>	With IR: 37-57V, 0.23-0.15A, 8.59W Without IR: 37-57V, 0.11-0.07A, 4.25W Extended temperature range: N/A	<b>RTSP</b>	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) 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/>

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

3. Frame rate can be adjusted by support.

4. Extended temperature range includes operating temperatures below -8.5°C / 16.7°F and assumes IR will be enabled.



# Indoor Dome Series Tech Specs



CD32

## General

<b>Operating Temperature</b>	-10°C to 50°C / 14°F to 122°F	<b>LED Indicator</b>	System power and status indicator
<b>Humidity</b>	0 to 90%	<b>Warranty</b>	10 Years
<b>Certifications</b>	UL, FCC, CB, CE, BIS, NOM, KCC, IK08 impact rating	<b>Included Accessories</b>	Setup guide, T10 security torx screwdriver, screw pack, mounting template

## Mechanical

<b>Weight</b>	Camera: 608g / 21.45oz Mount plate: 140g / 4.94oz	<b>Body</b>	Aluminum, plastic dome trim
<b>Dimensions</b>	Ø: 146mm / 5.75in, H: 104.3mm / 4.11in with mount plate Ø: 146mm / 5.75in, H: 99.8mm / 3.93in without mount plate		

## Software capabilities

<b>Alerts</b>	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection	<b>Streaming and Storage</b>	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
<b>People Analytics</b>	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis <sup>5</sup>	<b>Sharing and Privacy</b>	Live Link, privacy regions, audit log
<b>Vehicle Analytics</b>	Vehicle search, attribute search, motion search, trajectory analysis <sup>5</sup>		

5. Both indoor and outdoor variants of the following camera models support trajectory analysis: CM42, CD22/32/42/52/62, CB52/62, CH52-E, CP52-E and CF81-E (in panoramic-mode only).



## Indoor Dome Series Tech Specs



CD42

### Camera features

<b>Image Sensor</b>	1/2.8" Progressive CMOS	<b>Shutter Speed</b>	1/30 sec. to 1/10,000 sec.
<b>Sensor Resolution<sup>1</sup></b>	5MP (2688 x 1944)	<b>Day/Night</b>	IR-cut filter for day and night function
<b>Lens Type</b>	Fixed	<b>IR Cut Filter</b>	Yes
<b>Focal Length</b>	2.8mm	<b>IR Range</b>	15m / 49ft
<b>Aperture</b>	F1.6	<b>Minimum Illumination</b>	0.009 lux @ F1.9 (Color) 0 lux with IR Illuminators on
<b>Iris</b>	Fixed	<b>Onboard Storage</b>	Capacity: From 256GB to 2TB Card: MicroSD, SDXC
<b>Field of View (after LDC<sup>2</sup>)</b>	Horizontal: 97° (78°) Vertical: 71° (63°) Diagonal: 128° (91°)	<b>CPU</b>	Ambarella CV25S88
<b>Sensor Movement</b>	Tilt: 60° Pan: 355° Rotation: 180°		

### Standard video settings

<b>Compression</b>	H.265, H.264	<b>Historical Video Settings</b>	Adaptive quality <sup>1</sup>
<b>Frame Rate<sup>3</sup></b>	24fps	<b>Video Streaming Settings</b>	High quality (HQ) - 1,500 Kbps Standard quality (SQ) - 300 Kbps

### Standard audio settings

<b>Audio</b>	Supported	<b>Interface</b>	Built-in microphone
<b>Audio Capacity</b>	One-way audio	<b>Effective Range</b>	5m / 15ft

### Power and network

<b>Power Input<sup>4</sup></b>	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: N/A	<b>Connectivity</b>	RJ-45 cable connector for network/PoE connection; 10/100 Mbps
<b>Power Consumption<sup>4</sup></b>	With IR: 37-57V, 0.23-0.15A, 8.59W Without IR: 37-57V, 0.11-0.07A, 4.25W Extended temperature range: N/A	<b>RTSP</b>	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) 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/>

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

3. Frame rate can be adjusted by support.

4. Extended temperature range includes operating temperatures below -8.5°C / 16.7°F and assumes IR will be enabled.



# Indoor Dome Series Tech Specs



CD42

## General

<b>Operating Temperature</b>	-10°C to 50°C / 14°F to 122°F	<b>LED Indicator</b>	System power and status indicator
<b>Humidity</b>	0 to 90%	<b>Warranty</b>	10 Years
<b>Certifications</b>	UL, FCC, CB, CE, BIS, NOM, KCC, IK08 impact rating	<b>Included Accessories</b>	Setup guide, T10 security torx screwdriver, screw pack, mounting template

## Mechanical

<b>Weight</b>	Camera: 608g / 21.45oz Mount plate: 140g / 4.94oz	<b>Body</b>	Aluminum, plastic dome trim
<b>Dimensions</b>	Ø: 146mm / 5.75in, H: 104.3mm / 4.11in with mount plate Ø: 146mm / 5.75in, H: 99.8mm / 3.93in without mount plate		

## Software capabilities

<b>Alerts</b>	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection	<b>Streaming and Storage</b>	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
<b>People Analytics</b>	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis <sup>5</sup>	<b>Sharing and Privacy</b>	Live Link, privacy regions, audit log
<b>Vehicle Analytics</b>	Vehicle search, attribute search, motion search, trajectory analysis <sup>5</sup>		

5. Both indoor and outdoor variants of the following camera models support trajectory analysis: CM42, CD22/32/42/52/62, CB52/62, CH52-E, CP52-E and CF81-E (in panoramic-mode only).



## Indoor Dome Series Tech Specs



CD52

### Camera features

<b>Image Sensor</b>	1/2.8" Progressive CMOS	<b>Shutter Speed</b>	1/30 sec. to 1/10,000 sec.
<b>Sensor Resolution<sup>1</sup></b>	5MP (2688 x 1944)	<b>Day/Night</b>	IR-cut filter for day and night function
<b>Lens Type</b>	Varifocal; motorized zoom	<b>IR Cut Filter</b>	Yes
<b>Focal Length</b>	2.8-8mm	<b>IR Range</b>	30m / 98ft
<b>Aperture</b>	F1.3 - F2.4	<b>Minimum Illumination</b>	0.009 lux @ F1.9 (Color) 0 lux with IR Illuminators on
<b>Iris</b>	P-Iris	<b>Onboard Storage</b>	Capacity: From 256GB to 2TB Card: MicroSD, SDXC
<b>Field of View (after LDC<sup>2</sup>)</b>	Horizontal: 38° - 105° (37° - 84°) Vertical: 29° - 77° (28° - 68°) Diagonal: 48° - 126° (45° - 97°)	<b>CPU</b>	Ambarella CV25S88
<b>Sensor Movement</b>	Tilt: 60° Pan: 355° Rotation: 350°		

### Standard video settings

<b>Compression</b>	H.265, H.264	<b>Historical Video Settings</b>	Adaptive quality <sup>1</sup>
<b>Frame Rate<sup>3</sup></b>	24fps	<b>Video Streaming Settings</b>	High quality (HQ) - 1,500 Kbps Standard quality (SQ) - 300 Kbps

### Standard audio settings

<b>Audio</b>	Supported	<b>Interface</b>	Built-in microphone
<b>Audio Capacity</b>	One-way audio	<b>Effective Range</b>	5m / 15ft

### Power and network

<b>Power Input<sup>4</sup></b>	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: N/A	<b>Connectivity</b>	RJ-45 cable connector for network/PoE connection; 10/100 Mbps
<b>Power Consumption<sup>4</sup></b>	With IR: 37-57V, 0.3-0.2A, 10.98W Without IR: 37-57V, 0.13-0.08A, 4.74W Extended temperature range: N/A	<b>RTSP</b>	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) 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/>

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

3. Frame rate can be adjusted by support.

4. Extended temperature range includes operating temperatures below -8.5°C / 16.7°F and assumes IR will be enabled.



# Indoor Dome Series Tech Specs



CD52

## General

<b>Operating Temperature</b>	-10°C to 50°C / 14°F to 122°F	<b>LED Indicator</b>	System power and status indicator
<b>Humidity</b>	0 to 90%	<b>Warranty</b>	10 Years
<b>Certifications</b>	FCC, ICES, CE, UL, CB, NOM, KCC, IK08 impact rating	<b>Included Accessories</b>	Setup guide, T10 security torx screwdriver, screw pack, mounting template

## Mechanical

<b>Weight</b>	Camera: 776g / 29.88oz Mount plate: 140g / 4.94oz	<b>Body</b>	Aluminum, plastic dome trim
<b>Dimensions</b>	Ø: 146mm / 5.75in, H: 104.3mm / 4.11in with mount plate Ø: 146mm / 5.75in, H: 99.8mm / 3.93in without mount plate		

## Software capabilities

<b>Alerts</b>	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection	<b>Streaming and Storage</b>	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
<b>People Analytics</b>	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis <sup>5</sup>	<b>Sharing and Privacy</b>	Live Link, privacy regions, audit log
<b>Vehicle Analytics</b>	Vehicle search, attribute search, motion search, trajectory analysis <sup>5</sup>		

5. Both indoor and outdoor variants of the following camera models support trajectory analysis: CM42, CD22/32/42/52/62, CB52/62, CH52-E, CP52-E and CF81-E (in panoramic-mode only).



## Indoor Dome Series Tech Specs



CD62

### Camera features

<b>Image Sensor</b>	1/2.8" Progressive CMOS	<b>Shutter Speed</b>	1/30 sec. to 1/10,000 sec.
<b>Sensor Resolution<sup>1</sup></b>	4K (3840 x 2160)	<b>Day/Night</b>	IR-cut filter for day and night function
<b>Lens Type</b>	Varifocal; motorized zoom	<b>IR Cut Filter</b>	Yes
<b>Focal Length</b>	2.8-8mm	<b>IR Range</b>	30m / 98ft
<b>Aperture</b>	F1.3 - F2.4	<b>Minimum Illumination</b>	0.009 lux @ F1.9 (Color) 0 lux with IR Illuminators on
<b>Iris</b>	P-Iris	<b>Onboard Storage</b>	Capacity: From 512GB to 2TB Card: MicroSD, SDXC
<b>Field of View (after LDC<sup>2</sup>)</b>	Horizontal: 41° - 116° (40° - 100°) Vertical: 23° - 62° (23° - 57°) Diagonal: 47° - 136° (45° - 106°)	<b>CPU</b>	Ambarella CV22S66
<b>Sensor Movement</b>	Tilt: 60° Pan: 355° Rotation: 350°		

### Standard video settings

<b>Compression</b>	H.265, H.264	<b>Historical Video Settings</b>	Adaptive quality <sup>1</sup>
<b>Frame Rate<sup>3</sup></b>	24fps	<b>Video Streaming Settings</b>	High quality (HQ) - 3,000 Kbps Standard quality (SQ) - 600 Kbps

### Standard audio settings

<b>Audio</b>	Supported	<b>Interface</b>	Built-in microphone
<b>Audio Capacity</b>	One-way audio	<b>Effective Range</b>	5m / 15ft

### Power and network

<b>Power Input<sup>4</sup></b>	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: N/A	<b>Connectivity</b>	RJ-45 cable connector for network/PoE connection; 10/100 Mbps
<b>Power Consumption<sup>4</sup></b>	With IR: 37-57V, 0.38-0.25A, 14.2W Without IR: 37-57V, 0.17-0.11A, 6.2W Extended temperature range: N/A	<b>RTSP</b>	RTSP1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) 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/>

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

3. Frame rate can be adjusted by support.

4. Extended temperature range includes operating temperatures below -8.5°C / 16.7°F and assumes IR will be enabled.



# Indoor Dome Series Tech Specs



CD62

## General

<b>Operating Temperature</b>	-10°C to 50°C / 14°F to 122°F	<b>LED Indicator</b>	System power and status indicator
<b>Humidity</b>	0 to 90%	<b>Warranty</b>	10 Years
<b>Certifications</b>	FCC, ICES, CE, UL, CB, IK08 impact rating, IEC60950-1, NDAA, KCC, BIS	<b>Included Accessories</b>	Setup guide, T10 security torx screwdriver, screw pack, mounting template

## Mechanical

<b>Weight</b>	Camera: 887g / 31.29oz Mount plate: 140g / 4.94oz	<b>Body</b>	Aluminum, plastic dome trim
<b>Dimensions</b>	Ø: 146mm / 5.75in, H: 104.3mm / 4.11in with mount plate Ø: 146mm / 5.75in, H: 99.8mm / 3.93in without mount plate		

## Software capabilities

<b>Alerts</b>	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection	<b>Streaming and Storage</b>	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
<b>People Analytics</b>	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis <sup>5</sup>	<b>Sharing and Privacy</b>	Live Link, privacy regions, audit log
<b>Vehicle Analytics</b>	Vehicle search, attribute search, motion search, trajectory analysis <sup>5</sup>		

5. Both indoor and outdoor variants of the following camera models support trajectory analysis: CM42, CD22/32/42/52/62, CB52/62, CH52-E, CP52-E and CF81-E (in panoramic-mode only).





## Outdoor Dome Series Tech Specs



CD22-E

### Camera features

<b>Image Sensor</b>	1/2.8" Progressive CMOS	<b>Shutter Speed</b>	1/30 sec. to 1/10,000 sec.
<b>Sensor Resolution<sup>1</sup></b>	3MP (2048 x 1536)	<b>Day/Night</b>	IR-cut filter for day and night function
<b>Lens Type</b>	Fixed	<b>IR Cut Filter</b>	Yes
<b>Focal Length</b>	2.8mm	<b>IR Range</b>	10m / 33ft
<b>Aperture</b>	F1.6	<b>Minimum Illumination</b>	0.009 lux @ F1.9 (Color) 0 lux with IR Illuminators on
<b>Iris</b>	Fixed	<b>Onboard Storage</b>	Capacity: From 256GB to 768GB Card: MicroSD, SDXC
<b>Field of View (after LDC<sup>2</sup>)</b>	Horizontal: 97° (78°) Vertical: 71° (63°) Diagonal: 128° (91°)	<b>CPU</b>	Ambarella CV25S88
<b>Sensor Movement</b>	Tilt: 60° Pan: 355° Rotation: 180°		

### Standard video settings

<b>Compression</b>	H.265, H.264	<b>Historical Video Settings</b>	Adaptive quality <sup>1</sup>
<b>Frame Rate<sup>3</sup></b>	24fps	<b>Video Streaming Settings</b>	High quality (HQ) - 1,500 Kbps Standard quality (SQ) - 300 Kbps

### Standard audio settings

<b>Audio</b>	Not Supported
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### Power and network

<b>Power Input<sup>4</sup></b>	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: IEEE 802.3at Type 2 PoE+	<b>Connectivity</b>	RJ-45 cable connector for network/PoE connection; 10 / 100 Mbps
<b>Power Consumption<sup>4</sup></b>	With IR: 37-57V, 0.23-0.15A, 8.59W Without IR: 37-57V, 0.11-0.07A, 4.25W Extended temperature range: 37-57V, 0.46-0.3A, 16.94W	<b>RTSP</b>	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) 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/>

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

3. Frame rate can be adjusted by support.

4. Extended temperature range includes operating temperatures below -8.5°C / 16.7°F and assumes IR will be enabled.



# Outdoor Dome Series Tech Specs



CD22-E

## General

<b>Operating Temperature</b>	-40°C to 50°C / -40°F to 122°F	<b>LED Indicator</b>	System power and status indicator
<b>Humidity</b>	0 to 90%	<b>Warranty</b>	5 Years
<b>Certifications</b>	FCC, ICES, CE, UL, CB, NOM, IP67 weather rating, IK10 impact rating, KCC	<b>Included Accessories</b>	Setup guide, wall mount screws & anchors (4x), T10 security torx screwdriver, mounting template, cable gland wrench, desiccant pack, conduit adapter

## Mechanical

<b>Weight</b>	Camera: 847g / 29.88oz Mount plate: 174g / 6.14oz	<b>Body</b>	Aluminum, plastic dome trim
<b>Dimensions</b>	Ø: 155mm / 6.10in, H: 114.6mm / 4.51in with mount plate Ø: 155mm / 6.10in, H: 107.6mm / 4.24in without mount plate		

## Software capabilities

<b>Alerts</b>	Camera status, motion detection, people detection, vehicle detection, crowd detection	<b>Streaming and Storage</b>	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
<b>People Analytics</b>	Motion search, trajectory analysis <sup>5</sup>	<b>Sharing and Privacy</b>	Live link, privacy regions, audit log
<b>Vehicle Analytics</b>	Motion search, trajectory analysis <sup>5</sup>		

5. Both indoor and outdoor variants of the following camera models support trajectory analysis: CM42, CD22/32/42/52/62, CB52/62, CH52-E, CP52-E and CF81-E (in panoramic-mode only).



## Outdoor Dome Series Tech Specs



CD32-E

### Camera features

<b>Image Sensor</b>	1/2.8" Progressive CMOS	<b>Shutter Speed</b>	1/30 sec. to 1/10,000 sec.
<b>Sensor Resolution<sup>1</sup></b>	3MP (2048 x 1536)	<b>Day/Night</b>	IR-cut filter for day and night function
<b>Lens Type</b>	Fixed	<b>IR Cut Filter</b>	Yes
<b>Focal Length</b>	2.8mm	<b>IR Range</b>	15m / 49ft
<b>Aperture</b>	F1.6	<b>Minimum Illumination</b>	0.009 lux @ F1.9 (Color) 0 lux with IR Illuminators on
<b>Iris</b>	Fixed	<b>Onboard Storage</b>	Capacity: From 256GB to 768GB Card: MicroSD, SDXC
<b>Field of View (after LDC<sup>2</sup>)</b>	Horizontal: 97° (78°) Vertical: 71° (63°) Diagonal: 128° (91°)	<b>CPU</b>	Ambarella CV25S88
<b>Sensor Movement</b>	Tilt: 60° Pan: 355° Rotation: 180°		

### Standard video settings

<b>Compression</b>	H.265, H.264	<b>Historical Video Settings</b>	Adaptive quality <sup>1</sup>
<b>Frame Rate<sup>3</sup></b>	24fps	<b>Video Streaming Settings</b>	High quality (HQ) - 1,500 Kbps Standard quality (SQ) - 300 Kbps

### Standard audio settings

<b>Audio</b>	Supported	<b>Interface</b>	Built-in microphone
<b>Audio Capacity</b>	One-way audio	<b>Effective Range</b>	5m / 15ft

### Power and network

<b>Power Input<sup>4</sup></b>	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: IEEE 802.3at Type 2 PoE+	<b>Connectivity</b>	RJ-45 cable connector for network/PoE connection; 10 / 100 Mbps
<b>Power Consumption<sup>4</sup></b>	With IR: 37-57V, 0.23-0.15A, 8.59W Without IR: 37-57V, 0.11-0.07A, 4.25W Extended temperature range: 37-57V, 0.46-0.3A, 16.94W	<b>RTSP</b>	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) 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/>

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

3. Frame rate can be adjusted by support.

4. Extended temperature range includes operating temperatures below -8.5°C / 16.7°F and assumes IR will be enabled.



# Outdoor Dome Series Tech Specs



CD32-E

## General

<b>Operating Temperature</b>	-40°C to 50°C / -40°F to 122°F	<b>LED Indicator</b>	System power and status indicator
<b>Humidity</b>	0 to 90%	<b>Warranty</b>	10 Years
<b>Certifications</b>	FCC, ICES, CE, UL, CB, NOM, IP67 weather rating, IK10 impact rating, KCC	<b>Included Accessories</b>	Setup guide, wall mount screws and anchors (4x), T10 security torx screwdriver, mounting template, cable gland wrench, desiccant pack, conduit adapter

## Mechanical

<b>Weight</b>	Camera: 847g / 29.88oz Mount plate: 174g / 6.14oz	<b>Body</b>	Aluminum, plastic dome trim
<b>Dimensions</b>	Ø: 155mm / 6.10in, H: 114.6mm / 4.51in with mount plate Ø: 155mm / 6.10in, H: 107.6mm / 4.24in without mount plate		

## Software capabilities

<b>Alerts</b>	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection	<b>Streaming and Storage</b>	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
<b>People Analytics</b>	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis <sup>5</sup>	<b>Sharing and Privacy</b>	Live Link, privacy regions, audit log
<b>Vehicle Analytics</b>	Vehicle search, attribute search, motion search, trajectory analysis		

5. Both indoor and outdoor variants of the following camera models support trajectory analysis: CM42, CD22/32/42/52/62, CB52/62, CH52-E, CP52-E and CF81-E (in panoramic-mode only).



## Outdoor Dome Series Tech Specs



CD42-E

### Camera features

<b>Image Sensor</b>	1/2.8" Progressive CMOS	<b>Shutter Speed</b>	1/30 sec. to 1/10,000 sec.
<b>Sensor Resolution<sup>1</sup></b>	5MP (2688 x 1944)	<b>Day/Night</b>	IR-cut filter for day and night function
<b>Lens Type</b>	Fixed	<b>IR Cut Filter</b>	Yes
<b>Focal Length</b>	2.8mm	<b>IR Range</b>	15m / 49ft
<b>Aperture</b>	F1.6	<b>Minimum Illumination</b>	0.009 lux @ F1.9 (Color) 0 lux with IR Illuminators on
<b>Iris</b>	Fixed	<b>Onboard Storage</b>	Capacity: From 256GB to 2TB Card: MicroSD, SDXC
<b>Field of View (after LDC<sup>2</sup>)</b>	Horizontal: 97° (78°) Vertical: 71° (63°) Diagonal: 128° (91°)	<b>CPU</b>	Ambarella CV25S88
<b>Sensor Movement</b>	Tilt: 60° Pan: 355° Rotation: 180°		

### Standard video settings

<b>Compression</b>	H.265, H.264	<b>Historical Video Settings</b>	Adaptive quality <sup>1</sup>
<b>Frame Rate<sup>3</sup></b>	24fps	<b>Video Streaming Settings</b>	High quality (HQ) - 1,500 Kbps Standard quality (SQ) - 300 Kbps

### Standard audio settings

<b>Audio</b>	Supported	<b>Interface</b>	Built-in microphone
<b>Audio Capacity</b>	One-way audio	<b>Effective Range</b>	5m / 15ft

### Power and network

<b>Power Input<sup>4</sup></b>	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: IEEE 802.3at Type 2 PoE+	<b>Connectivity</b>	RJ-45 cable connector for network/PoE connection; 10/100 Mbps
<b>Power Consumption<sup>4</sup></b>	With IR: 37-57V, 0.23-0.15A, 8.59W Without IR: 37-57V, 0.11-0.07A, 4.25W Extended temperature range: 37-57V, 0.46-0.3A, 16.94W	<b>RTSP</b>	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) 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/>

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

3. Frame rate can be adjusted by support.

4. Extended temperature range includes operating temperatures below -8.5°C / 16.7°F and assumes IR will be enabled.



# Outdoor Dome Series Tech Specs



CD42-E

## General

<b>Operating Temperature</b>	-40°C to 50°C / -40°F to 122°F	<b>LED Indicator</b>	System power and status indicator
<b>Humidity</b>	0 to 90%	<b>Warranty</b>	10 Years
<b>Certifications</b>	FCC, ICES, CE, UL, CB, NOM, IP67 weather rating, IK10 impact rating, KCC	<b>Included Accessories</b>	Setup guide, wall mount screws and anchors (4x), T10 security torx screwdriver, mounting template, cable gland wrench, desiccant pack, conduit adapter

## Mechanical

<b>Weight</b>	Camera: 847g / 29.88oz Mount plate: 174g / 6.14oz	<b>Body</b>	Aluminum, plastic dome trim
<b>Dimensions</b>	Ø: 155mm / 6.10in, H: 114.6mm / 4.51in with mount plate Ø: 155mm / 6.10in, H: 107.6mm / 4.24in without mount plate		

## Software capabilities

<b>Alerts</b>	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection	<b>Streaming and Storage</b>	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
<b>People Analytics</b>	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis <sup>5</sup>	<b>Sharing and Privacy</b>	Live Link, privacy regions, audit log
<b>Vehicle Analytics</b>	Vehicle search, attribute search, motion search, trajectory analysis <sup>5</sup>		

5. Both indoor and outdoor variants of the following camera models support trajectory analysis: CM42, CD22/32/42/52/62, CB52/62, CH52-E, CP52-E and CF81-E (in panoramic-mode only).



## Outdoor Dome Series Tech Specs



CD52-E

### Camera features

<b>Image Sensor</b>	1/2.8" Progressive CMOS	<b>Shutter Speed</b>	1/30 sec. to 1/10,000 sec.
<b>Sensor Resolution<sup>1</sup></b>	5MP (2688 x 1944)	<b>Day/Night</b>	IR-cut filter for day and night function
<b>Lens Type</b>	Varifocal; motorized zoom	<b>IR Cut Filter</b>	Yes
<b>Focal Length</b>	2.8-8mm	<b>IR Range</b>	30m / 98ft
<b>Aperture</b>	F1.3 - F2.4	<b>Minimum Illumination</b>	0.009 lux @ F1.9 (Color) 0 lux with IR Illuminators on
<b>Iris</b>	P-Iris	<b>Onboard Storage</b>	Capacity: From 256GB to 2TB Card: MicroSD, SDXC
<b>Field of View (after LDC<sup>2</sup>)</b>	Horizontal: 38° - 105° (37° - 84°) Vertical: 29° - 77° (28° - 68°) Diagonal: 48° - 126° (45° - 97°)	<b>CPU</b>	Ambarella CV25S88
<b>Sensor Movement</b>	Tilt: 60° Pan: 355° Rotation: 350°		

### Standard video settings

<b>Compression</b>	H.265, H.264	<b>Historical Video Settings</b>	Adaptive quality <sup>1</sup>
<b>Frame Rate<sup>3</sup></b>	24fps	<b>Video Streaming Settings</b>	High quality (HQ) - 1,500 Kbps Standard quality (SQ) - 300 Kbps

### Standard audio settings

<b>Audio</b>	Supported	<b>Interface</b>	Built-in microphone
<b>Audio Capacity</b>	One-way audio	<b>Effective Range</b>	5m / 15ft

### Power and network

<b>Power Input<sup>4</sup></b>	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: IEEE 802.3at Type 2 PoE+	<b>Connectivity</b>	RJ-45 cable connector for network/PoE connection; 10/100 Mbps
<b>Power Consumption<sup>4</sup></b>	With IR: 37-57V, 0.3-0.2A, 10.98W Without IR: 37-57V, 0.13-0.08A, 4.74W Extended temperature range: 37-57V, 0.43-0.28A, 16.03W	<b>RTSP</b>	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) 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/>

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

3. Frame rate can be adjusted by support.

4. Extended temperature range includes operating temperatures below -8.5°C / 16.7°F and assumes IR will be enabled.



# Outdoor Dome Series Tech Specs



CD52-E

## General

<b>Operating Temperature</b>	-40°C to 50°C / -40°F to 122°F	<b>LED Indicator</b>	System power and status indicator
<b>Humidity</b>	0 to 90%	<b>Warranty</b>	10 Years
<b>Certifications</b>	FCC, ICES, CE, UL, CB, NOM, KCC, IP67 weather rating, IK10 impact rating	<b>Included Accessories</b>	Setup guide, wall mount screws and anchors (4x), T10 security torx screwdriver, mounting template, cable gland wrench, desiccant pack, conduit adapter

## Mechanical

<b>Weight</b>	Camera: 1070g / 37.74oz Mount plate: 174g / 6.14oz	<b>Body</b>	Aluminum, plastic dome trim
<b>Dimensions</b>	Ø: 155mm / 6.10in, H: 114.6mm / 4.51in with mount plate Ø: 155mm / 6.10in, H: 107.6mm / 4.24in without mount plate		

## Software capabilities

<b>Alerts</b>	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection	<b>Streaming and Storage</b>	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
<b>People Analytics</b>	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis <sup>5</sup>	<b>Sharing and Privacy</b>	Live Link, privacy regions, audit log
<b>Vehicle Analytics</b>	Vehicle search, attribute search, motion search, trajectory analysis <sup>5</sup>		

5. Both indoor and outdoor variants of the following camera models support trajectory analysis: CM42, CD22/32/42/52/62, CB52/62, CH52-E, CP52-E and CF81-E (in panoramic-mode only).





## Outdoor Dome Series Tech Specs



CD62-E

### Camera features

<b>Image Sensor</b>	1/2.8" Progressive CMOS	<b>Shutter Speed</b>	1/30 sec. to 1/10,000 sec.
<b>Sensor Resolution<sup>1</sup></b>	4K (3840 x 2160)	<b>Day/Night</b>	IR-cut filter for day and night function
<b>Lens Type</b>	Varifocal; motorized zoom	<b>IR Cut Filter</b>	Yes
<b>Focal Length</b>	2.8-8mm	<b>IR Range</b>	30m / 98ft
<b>Aperture</b>	F1.3 - F2.4	<b>Minimum Illumination</b>	0.009 lux @ F1.9 (Color) 0 lux with IR Illuminators on
<b>Iris</b>	P-Iris	<b>Onboard Storage</b>	Capacity: From 512GB to 2TB Card: MicroSD, SDXC
<b>Field of View (after LDC<sup>2</sup>)</b>	Horizontal: 41° - 116° (40° - 100°) Vertical: 23° - 62° (23° - 57°) Diagonal: 47° - 136° (45° - 106°)	<b>CPU</b>	Ambarella CV22S66
<b>Sensor Movement</b>	Tilt: 60° Pan: 355° Rotation: 350°		

### Standard video settings

<b>Compression</b>	H.265, H.264	<b>Historical Video Settings</b>	Adaptive quality <sup>1</sup>
<b>Frame Rate<sup>3</sup></b>	24fps	<b>Video Streaming Settings</b>	High quality (HQ) - 3,000 Kbps Standard quality (SQ) - 600 Kbps

### Standard audio settings

<b>Audio</b>	Supported	<b>Interface</b>	Built-in microphone
<b>Audio Capacity</b>	One-way audio	<b>Effective Range</b>	5m / 15ft

### Power and network

<b>Power Input<sup>4</sup></b>	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: IEEE 802.3at Type 2 PoE+	<b>Connectivity</b>	RJ-45 cable connector for network/PoE connection; 10/100 Mbps
<b>Power Consumption<sup>4</sup></b>	With IR: 37-57V, 0.38-0.25A, 14.2W Without IR: 37-57V, 0.17-0.11A, 6.2W Extended temperature range: 37-57V, 0.53-0.34A, 19.51W	<b>RTSP</b>	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) 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/>

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

3. Frame rate can be adjusted by support.

4. Extended temperature range includes operating temperatures below -8.5°C / 16.7°F and assumes IR will be enabled.



# Outdoor Dome Series Tech Specs



CD62-E

## General

<b>Operating Temperature</b>	-40°C to 50°C / -40°F to 122°F	<b>LED Indicator</b>	System power and status indicator
<b>Humidity</b>	0 to 90%	<b>Warranty</b>	10 Years
<b>Certifications</b>	FCC, ICES, CE, UL, CB, IP67 weather rating, IK10 impact rating, IEC60950-1, NDAA, KCC, BIS	<b>Included Accessories</b>	Setup guide, wall mount screws and anchors (4x), T10 security torx screwdriver, mounting template, cable gland wrench, desiccant pack, conduit adapter

## Mechanical

<b>Weight</b>	Camera: 994g / 35.06oz Mount plate: 174g / 6.14oz	<b>Body</b>	Aluminum, plastic dome trim
<b>Dimensions</b>	Ø: 155mm / 6.1in, H: 114.6mm / 4.51in with mount plate Ø: 155mm / 6.1in, H: 107.6mm / 4.24in without mount plate		

## Software capabilities

<b>Alerts</b>	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection	<b>Streaming and Storage</b>	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
<b>People Analytics</b>	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis <sup>5</sup>	<b>Sharing and Privacy</b>	Live Link, privacy regions, audit log
<b>Vehicle Analytics</b>	Vehicle search, attribute search, motion search, trajectory analysis <sup>5</sup>		

5. Both indoor and outdoor variants of the following camera models support trajectory analysis: CM42, CD22/32/42/52/62, CB52/62, CH52-E, CP52-E and CF81-E (in panoramic-mode only).



## Professional video monitoring Stop Crimes in Progress

Verkada's professional video monitoring solution enables organizations to detect and respond to threats as they happen, using only their cameras.



### Meet your virtual guard

Professional video monitoring allows organizations to turn their Verkada cameras into a complete, monitored alarm solution - no extra hardware required. Simply select which cameras should be monitored, set an arm/disarm schedule and choose how monitoring agents should respond to a threat, such as remote talk down or notifying police.

### How it works

#### Detect unusual activity

- Choose which cameras should be monitored and when. An alarm is triggered if a person is detected while the system is armed.
- Other Verkada devices, including intrusion sensors, access control and environmental sensors, can also be configured as alarm triggers.

#### Assess the threat

- Monitoring agents immediately review camera footage to determine if there is a threat to people or property.\*
- Video-verification helps to ensure priority police response and screens out false alarms.

#### Take action

- If there is a legitimate threat, the monitoring agent will immediately notify your call list.
- Agents can also request emergency dispatch or talk down to intruders through an on-site speaker..
- If there is no visible threat, the agent will dismiss the incident.

### Key benefits



#### Detect intruders before they enter your building

Protect your perimeter with cameras that can detect intruders the minute they set foot on your property.



#### No alarm panel or sensors needed

Use cameras as intrusion sensors and get all the benefits of a monitored alarm system without any extra hardware.



#### Cut back on expensive in-person guards

Cameras detect intruders and agents can take action, reducing the need for live guards patrolling or watching cameras.



#### Help get priority police response

Video-verified alarms help the police know that they should respond quickly and helps you avoid false alarm fines.



#### Take action against intruders immediately

In addition to notifying law enforcement, our agents can talk down to intruders through a powerful speaker to scare them off.

\*Professional monitoring with video verification is included in the LIC-BA Standard Alarm License or the LIC-BV Premium Alarm License. One License is required per location, and includes up to 50 monitored cameras. Monitoring is provided by fully redundant, US-based, UL-listed central monitoring stations with Five Diamond Certification from The Monitoring Association. Certified monitoring centers are also available in Canada, the UK and Australia.



# Ordering Information

## Indoor Dome Series pricing

Model Number	MP <sup>1</sup>	WDR	Lens	IR Range	Onboard Storage	Maximum SQ Onboard Retention <sup>1</sup>	People/Vehicle Analytics	Cost (MSRP) <sup>USD</sup>
CD22-256-HW	3.0MP	✓	Fixed	10m / 33ft	256GB	30 Days	-	\$599
CD22-512-HW	3.0MP	✓	Fixed	10m / 33ft	512GB	60 Days	-	\$999
CD22-768-HW	3.0MP	✓	Fixed	10m / 33ft	768GB	90 Days	-	\$1,399
CD32-256-HW	3.0MP	✓	Fixed	15m / 49ft	256GB	30 Days	✓	\$799
CD32-512-HW	3.0MP	✓	Fixed	15m / 49ft	512GB	60 Days	✓	\$1,199
CD32-768-HW	3.0MP	✓	Fixed	15m / 49ft	768GB	90 Days	✓	\$1,599
CD42-256-HW	5.0MP	✓	Fixed	15m / 49ft	256GB	30 Days	✓	\$999
CD42-512-HW	5.0MP	✓	Fixed	15m / 49ft	512GB	60 Days	✓	\$1,399
CD42-768-HW	5.0MP	✓	Fixed	15m / 49ft	768GB	90 Days	✓	\$1,799
CD42-1TB-HW	5.0MP	✓	Fixed	15m / 49ft	1TB	120 Days	✓	\$2,199
CD42-2TB-HW	5.0MP	✓	Fixed	15m / 49ft	2TB	365 Days	✓	\$3,499
CD52-256-HW	5.0MP	✓	Zoom	30m / 98ft	256GB	30 Days	✓	\$1,199
CD52-512-HW	5.0MP	✓	Zoom	30m / 98ft	512GB	60 Days	✓	\$1,599
CD52-768-HW	5.0MP	✓	Zoom	30m / 98ft	768GB	90 Days	✓	\$1,999
CD52-1TB-HW	5.0MP	✓	Zoom	30m / 98ft	1TB	120 Days	✓	\$2,399
CD52-2TB-HW	5.0MP	✓	Zoom	30m / 98ft	2TB	365 Days	✓	\$3,699
CD62-30-HW	8.0MP	✓	Zoom	30m / 98ft	512GB	30 Days	✓	\$1,499
CD62-60-HW	8.0MP	✓	Zoom	30m / 98ft	1TB	60 Days	✓	\$2,399
CD62-90-HW	8.0MP	✓	Zoom	30m / 98ft	2TB	90 Days	✓	\$3,299

1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) 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

## Outdoor Dome Series pricing

Model Number	MP <sup>1</sup>	WDR	Lens	IR Range	Onboard Storage	Maximum SQ Onboard Retention <sup>1</sup>	People/Vehicle Analytics	Cost (MSRP) <sup>USD</sup>
CD22-256E-HW	3.0MP	✓	Fixed	10m / 33ft	256GB	30 Days	-	\$799
CD22-512E-HW	3.0MP	✓	Fixed	10m / 33ft	512GB	60 Days	-	\$1,199
CD22-768E-HW	3.0MP	✓	Fixed	10m / 33ft	768GB	90 Days	-	\$1,599
CD32-256E-HW	3.0MP	✓	Fixed	15m / 49ft	256GB	30 Days	✓	\$999
CD32-512E-HW	3.0MP	✓	Fixed	15m / 49ft	512GB	60 Days	✓	\$1,399
CD32-768E-HW	3.0MP	✓	Fixed	15m / 49ft	768GB	90 Days	✓	\$1,799
CD42-256E-HW	5.0MP	✓	Fixed	15m / 49ft	256GB	30 Days	✓	\$1,199
CD42-512E-HW	5.0MP	✓	Fixed	15m / 49ft	512GB	60 Days	✓	\$1,599
CD42-768E-HW	5.0MP	✓	Fixed	15m / 49ft	768GB	90 Days	✓	\$1,999
CD42-1TBE-HW	5.0MP	✓	Fixed	15m / 49ft	1TB	120 Days	✓	\$2,399
CD42-2TBE-HW	5.0MP	✓	Fixed	15m / 49ft	2TB	365 Days	✓	\$3,699
CD52-256E-HW	5.0MP	✓	Zoom	30m / 98ft	256GB	30 Days	✓	\$1,399
CD52-512E-HW	5.0MP	✓	Zoom	30m / 98ft	512GB	60 Days	✓	\$1,799
CD52-768E-HW	5.0MP	✓	Zoom	30m / 98ft	768GB	90 Days	✓	\$2,199
CD52-1TBE-HW	5.0MP	✓	Zoom	30m / 98ft	1TB	120 Days	✓	\$2,599
CD52-2TBE-HW	5.0MP	✓	Zoom	30m / 98ft	2TB	365 Days	✓	\$3,899
CD62-30E-HW	8.0MP	✓	Zoom	30m / 98ft	512GB	30 Days	✓	\$1,699
CD62-60E-HW	8.0MP	✓	Zoom	30m / 98ft	1TB	60 Days	✓	\$2,599
CD62-90E-HW	8.0MP	✓	Zoom	30m / 98ft	2TB	90 Days	✓	\$3,499

1. All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) 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

Model Number	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

## Accessories pricing

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-7	Angle Mount Kit	\$149
ACC-MNT-8	Pendant Cap Mount Kit	\$69
INJ-POE-PLUS	PoE Plus (802.3at) Injector, GigE	\$129
ACC-MNT-9	Pole Mount	\$209
ACC-MNT-10	Corner Mount	\$199
ACC-MNT-POLE-1	Pole Mount	\$209
ACC-MNT-CORNER-1	Corner Mount	\$199
ACC-CAM-SHIELD-1	Camera Weather Shield	\$79
ACC-MNT-REC-1	Recessed Ceiling Mount	\$149
ACC-MNT-XLARM-1	Large Arm Mount	\$159

## 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