

# 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
- IKO8 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



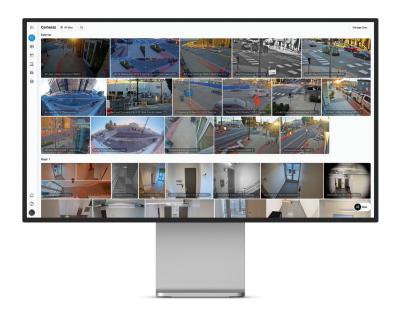
<sup>1.</sup> All our cameras record in "adaptive quality," capturing both standard and high quality streams. Standard quality (SQ) video is stored up to the amount of retention specified by the customer. The amount of high quality video stored on the camera will depend on the amount of motion detected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

<sup>2.</sup> 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.

#### Manage from anywhere

- Remotely access footage and manage sites from any supported browser or device
- Native apps for iOS, Android and Verkada's VX52 Viewing Station
- Receive alerts for offline cameras, tampering and motion detection

#### Effortlessly archive and share

- Command licenses include unlimited cloud archiving and 30-days of cloud backup
- Easily export any footage in MP4 format and allow recipients to verify its authenticity
- Share Live Links and floorplans with first responders

#### 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

### 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

#### 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

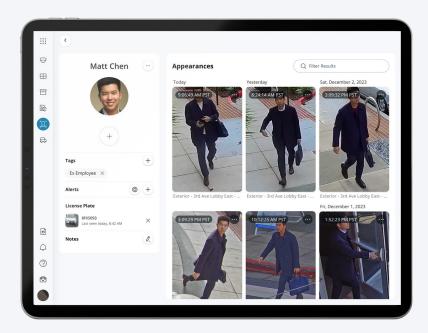
#### Streamline incident management

- Consolidate relevant footage to easily review and annotate
- Share incidents while controlling permissions and retaining audit logs
- Export incidents in a zip file and auto-generate incident reports



### 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

- Create a Person of Interest using an uploaded photo or existing face in Command
- Set up proactive SMS/email alerts for when a matching face is detected by a camera
- Link License Plates of Interest to a Person of Interest



### 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

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



# **Tech Specs**



### CD22

### Camera features

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

### Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality <sup>1</sup>
Frame Rate <sup>3</sup>	24fps	Live Streaming Settings	High quality (HQ): 1,000 - 4,500 Kbps (1,500 Kbps default) Standard quality (SQ): 600 Kbps

# Standard audio settings

Audio Not Supported	
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### Power and network

Power Input <sup>4</sup>	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: N/A	Connectivity	RJ-45 cable connector for network/PoE connection; 10 / 100 Mbps
Power Consumption⁴	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	RTSP	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: No

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

 $<sup>2. \,</sup> Lens\, Distortion\, Correction\, (LDC)\, crops\, the\, sensor\, field\, of\, view\, to\, deliver\, a\, rectified,\, undistorted\, output\, image.$ 

<sup>3.</sup> Frame rate can be adjusted by support.

 $<sup>4. \, \</sup>text{Extended temperature range includes operating temperatures below} - 8.5^{\circ}\text{C} \, / \, 16.7^{\circ}\text{F and assumes IR will be enabled.}$ 



# **Tech Specs**



### CD22

### General

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

### Mechanical

Weight	Camera: 608g / 21.45oz Mount plate: 140g / 4.94oz	Body	Aluminum, plastic dome trim
Dimensions	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

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

<sup>5.</sup> 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 and ePTZ circle mode only).



# **Tech Specs**



### **CD32**

### Camera features

Image Sensor	1/2.8" Progressive CMOS	Shutter Speed	1/30 sec. to 1/10,000 sec.
Sensor Resolution <sup>1</sup>	3MP (2048 x 1536)	Day/Night	IR-cut filter for day and night function
Lens Type	Fixed	IR Cut Filter	Yes
Focal Length	2.8mm	IR Range	15m / 49ft
Aperture	F1.6	Minimum Illumination	0.009 lux @ F1.9 (Color) 0 lux with IR Illuminators on
Iris	Fixed	Onboard Storage	Capacity: From 256GB to 768GB Card: MicroSD, SDXC
Field of View (after LDC²)	Horizontal: 97° (78°) Vertical: 71° (63°) Diagonal: 128° (91°)	CPU	Ambarella CV25S88
Sensor Movement	Tilt: 60° Pan: 355° Rotation: 180°		

### Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality <sup>1</sup>
Frame Rate <sup>3</sup>	24fps	Live Streaming Settings	High quality (HQ): 1,000 - 4,500 Kbps (1,500 Kbps default) Standard quality (SQ): 600 Kbps

# Standard audio settings

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

### Power and network

Power Input <sup>4</sup>	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: N/A	Connectivity	RJ-45 cable connector for network/PoE connection; 10 / 100 Mbps
Power Consumption⁴	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	RTSP	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

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

 $<sup>2. \,</sup> Lens\, Distortion\, Correction\, (LDC)\, crops\, the\, sensor\, field\, of\, view\, to\, deliver\, a\, rectified,\, undistorted\, output\, image.$ 

<sup>3.</sup> Frame rate can be adjusted by support.

 $<sup>4. \, \</sup>text{Extended temperature range includes operating temperatures below} - 8.5^{\circ}\text{C} \, / \, 16.7^{\circ}\text{F and assumes IR will be enabled.}$ 



# **Tech Specs**



### CD32

### General

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

### Mechanical

Weight	Camera: 608g / 21.45oz Mount plate: 140g / 4.94oz	Body	Aluminum, plastic dome trim
Dimensions	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

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

<sup>5.</sup> 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 and ePTZ circle mode only).



# **Tech Specs**



### **CD42**

### Camera features

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

### Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality <sup>1</sup>
Frame Rate <sup>3</sup>	24fps	Live Streaming Settings	High quality (HQ): 1,000 - 4,500 Kbps (1,500 Kbps default) Standard quality (SQ): 600 Kbps

# Standard audio settings

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

### Power and network

Power Input <sup>4</sup>	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: N/A	Connectivity	RJ-45 cable connector for network/PoE connection; 10/100 Mbps
Power Consumption⁴	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	RTSP	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

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

 $<sup>2. \,</sup> Lens\, Distortion\, Correction\, (LDC)\, crops\, the\, sensor\, field\, of\, view\, to\, deliver\, a\, rectified,\, undistorted\, output\, image.$ 

<sup>3.</sup> Frame rate can be adjusted by support.

 $<sup>4. \, \</sup>text{Extended temperature range includes operating temperatures below} - 8.5^{\circ}\text{C} \, / \, 16.7^{\circ}\text{F and assumes IR will be enabled.}$ 



# **Tech Specs**



### **CD42**

### General

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

### Mechanical

Weight	Camera: 608g / 21.45oz Mount plate: 140g / 4.94oz	Body	Aluminum, plastic dome trim
Dimensions	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

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

<sup>5.</sup> 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 and ePTZ circle mode only).



# **Tech Specs**



### **CD52**

### Camera features

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

### Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality <sup>1</sup>
Frame Rate <sup>3</sup>	24fps	Live Streaming Settings	High quality (HQ): 1,000 - 4,500 Kbps (1,500 Kbps default) Standard quality (SQ): 600 Kbps

# Standard audio settings

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

### Power and network

Power Input <sup>4</sup>	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: N/A	Connectivity	RJ-45 cable connector for network/PoE connection; 10/100 Mbps
Power Consumption⁴	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	RTSP	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

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

 $<sup>2. \,</sup> Lens\, Distortion\, Correction\, (LDC)\, crops\, the\, sensor\, field\, of\, view\, to\, deliver\, a\, rectified,\, undistorted\, output\, image.$ 

<sup>3.</sup> Frame rate can be adjusted by support.

 $<sup>4. \, \</sup>text{Extended temperature range includes operating temperatures below} - 8.5^{\circ}\text{C} \, / \, 16.7^{\circ}\text{F and assumes IR will be enabled.}$ 



# **Tech Specs**



### **CD52**

### General

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

### Mechanical

Weight	Camera: 776g / 29.88oz Mount plate: 140g / 4.94oz	Body	Aluminum, plastic dome trim
Dimensions	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

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

<sup>5.</sup> 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 and ePTZ circle mode only).



# **Tech Specs**



### **CD62**

### Camera features

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

### Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality <sup>1</sup>
Frame Rate <sup>3</sup>	24fps	Live Streaming Settings	High quality (HQ): 2,000 - 6,000 Kbps (3,000 Kbps default) Standard quality (SQ) - 600 Kbps

# Standard audio settings

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

### Power and network

Power Input <sup>4</sup>	With IR: IEEE 802.3af Type 1 PoE Without IR: IEEE 802.3af Type 1 PoE Extended temperature range: N/A	Connectivity	RJ-45 cable connector for network/PoE connection; 10/100 Mbps
Power Consumption⁴	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	RTSP	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

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

 $<sup>2. \,</sup> Lens \, Distortion \, Correction \, (LDC) \, crops \, the \, sensor \, field \, of \, view \, to \, deliver \, a \, rectified, \, undistorted \, output \, image.$ 

<sup>3.</sup> Frame rate can be adjusted by support.

 $<sup>4. \, \</sup>text{Extended temperature range includes operating temperatures below} - 8.5^{\circ}\text{C} \, / \, 16.7^{\circ}\text{F and assumes IR will be enabled.}$ 



# **Tech Specs**



### CD62

### General

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

### Mechanical

Weight	Camera: 887g / 31.29oz Mount plate: 140g / 4.94oz	Body	Aluminum, plastic dome trim
Dimensions	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

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

<sup>5.</sup> 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 and ePTZ circle mode only).



# **Tech Specs**



### **CD22-E**

### Camera features

Image Sensor	1/2.8" Progressive CMOS	Shutter Speed	1/30 sec. to 1/10,000 sec.
Sensor Resolution <sup>1</sup>	3MP (2048 x 1536)	Day/Night	IR-cut filter for day and night function
Lens Type	Fixed	IR Cut Filter	Yes
Focal Length	2.8mm	IR Range	10m / 33ft
Aperture	F1.6	Minimum Illumination	0.009 lux @ F1.9 (Color) 0 lux with IR Illuminators on
Iris	Fixed	Onboard Storage	Capacity: From 256GB to 768GB Card: MicroSD, SDXC
Field of View (after LDC²)	Horizontal: 97° (78°) Vertical: 71° (63°) Diagonal: 128° (91°)	СРИ	Ambarella CV25S88
Sensor Movement	Tilt: 60° Pan: 355° Rotation: 180°		

### Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality <sup>1</sup>
Frame Rate <sup>3</sup>	24fps	Live Streaming Settings	High quality (HQ): 1,000 - 4,500 Kbps (1,500 Kbps default) Standard quality (SQ): 600 Kbps

# Standard audio settings

Audio Not Supported	
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### Power and network

Power Input <sup>4</sup>	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+	Connectivity	RJ-45 cable connector for network/PoE connection; 10 / 100 Mbps
Power Consumption⁴	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	RTSP	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: No

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

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

<sup>3.</sup> Frame rate can be adjusted by support.

 $<sup>4.</sup> Extended temperature range includes operating temperatures below - 8.5 ^{\circ}\text{C} / 16.7 ^{\circ}\text{F} \text{ and assumes IR will be enabled.}$ 



# **Tech Specs**



### **CD22-E**

### General

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

### Mechanical

Weight	Camera: 847g / 29.88oz Mount plate: 174g / 6.14oz	Body	Aluminum, plastic dome trim
Dimensions	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

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

<sup>5.</sup> 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 and ePTZ circle mode only).



# **Tech Specs**



### CD32-E

### Camera features

Image Sensor	1/2.8" Progressive CMOS	Shutter Speed	1/30 sec. to 1/10,000 sec.
Sensor Resolution <sup>1</sup>	3MP (2048 x 1536)	Day/Night	IR-cut filter for day and night function
Lens Type	Fixed	IR Cut Filter	Yes
Focal Length	2.8mm	IR Range	15m / 49ft
Aperture	F1.6	Minimum Illumination	0.009 lux @ F1.9 (Color) 0 lux with IR Illuminators on
Iris	Fixed	Onboard Storage	Capacity: From 256GB to 768GB Card: MicroSD, SDXC
Field of View (after LDC²)	Horizontal: 97° (78°) Vertical: 71° (63°) Diagonal: 128° (91°)	СРИ	Ambarella CV25S88
Sensor Movement	Tilt: 60° Pan: 355° Rotation: 180°		

### Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality <sup>1</sup>
Frame Rate <sup>3</sup>	24fps	Live Streaming Settings	High quality (HQ): 1,000 - 4,500 Kbps (1,500 Kbps default) Standard quality (SQ): 600 Kbps

# Standard audio settings

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

### Power and network

Power Input <sup>4</sup>	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+	Connectivity	RJ-45 cable connector for network/PoE connection; 10 / 100 Mbps
Power Consumption⁴	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	RTSP	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

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

 $<sup>2. \,</sup> Lens \, Distortion \, Correction \, (LDC) \, crops \, the \, sensor \, field \, of \, view \, to \, deliver \, a \, rectified, \, undistorted \, output \, image.$ 

<sup>3.</sup> Frame rate can be adjusted by support.

 $<sup>4. \, \</sup>text{Extended temperature range includes operating temperatures below} - 8.5^{\circ}\text{C} \, / \, 16.7^{\circ}\text{F and assumes IR will be enabled.}$ 



# **Tech Specs**



### CD32-E

### General

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

### Mechanical

Weight	Camera: 847g / 29.88oz Mount plate: 174g / 6.14oz	Body	Aluminum, plastic dome trim
Dimensions	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

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

<sup>5.</sup> 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 and ePTZ circle mode only).



# **Tech Specs**



### CD42-E

### Camera features

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

### Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality <sup>1</sup>
Frame Rate <sup>3</sup>	24fps	Live Streaming Settings	High quality (HQ): 1,000 - 4,500 Kbps (1,500 Kbps default) Standard quality (SQ): 600 Kbps

### Standard audio settings

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

### Power and network

Power Input⁴	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+	Connectivity	RJ-45 cable connector for network/PoE connection; 10/100 Mbps
Power Consumption <sup>4</sup>	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	RTSP	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

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

 $<sup>2. \,</sup> Lens\, Distortion\, Correction\, (LDC)\, crops\, the\, sensor\, field\, of\, view\, to\, deliver\, a\, rectified,\, undistorted\, output\, image.$ 

<sup>3.</sup> Frame rate can be adjusted by support.

 $<sup>4. \, \</sup>text{Extended temperature range includes operating temperatures below} - 8.5^{\circ}\text{C} \, / \, 16.7^{\circ}\text{F and assumes IR will be enabled.}$ 



# **Tech Specs**



### CD42-E

### General

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

### Mechanical

Weight	Camera: 847g / 29.88oz Mount plate: 174g / 6.14oz	Body	Aluminum, plastic dome trim
Dimensions	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

Alerts	Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection	Streaming and Storage	Cloud backup, configurable retention days, selectable storage location, low bandwidth mode, timelapse, RTSP
People Analytics	People search, attribute search, face search, Occupancy Trends, motion search, trajectory analysis⁵	Sharing and Privacy	Live Links, live face blur, privacy regions, audit log
Vehicle Analytics	Vehicle search, attribute search, motion search, trajectory analysis⁵		

<sup>5.</sup> 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 and ePTZ circle mode only).



# **Tech Specs**



### CD52-E

### Camera features

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

### Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality <sup>1</sup>
Frame Rate <sup>3</sup>	24fps	Live Streaming Settings	High quality (HQ): 1,000 - 4,500 Kbps (1,500 Kbps default) Standard quality (SQ): 600 Kbps

# Standard audio settings

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

### Power and network

Power Input <sup>4</sup>	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+	Connectivity	RJ-45 cable connector for network/PoE connection; 10/100 Mbps
Power Consumption⁴	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	RTSP	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

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

 $<sup>2. \,</sup> Lens\, Distortion\, Correction\, (LDC)\, crops\, the\, sensor\, field\, of\, view\, to\, deliver\, a\, rectified,\, undistorted\, output\, image.$ 

<sup>3.</sup> Frame rate can be adjusted by support.

 $<sup>4. \, \</sup>text{Extended temperature range includes operating temperatures below } -8.5^{\circ}\text{C} \, / \, 16.7^{\circ}\text{F and assumes IR will be enabled.}$ 



# **Tech Specs**



### CD52-E

### General

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

### Mechanical

Weight	Camera: 1070g / 37.74oz Mount plate: 174g / 6.14oz	Body	Aluminum, plastic dome trim
Dimensions	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

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

<sup>5.</sup> 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 and ePTZ circle mode only).



# **Tech Specs**



### CD62-E

### Camera features

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

### Standard video settings

Compression	H.265, H.264	Historical Video Settings	Adaptive quality <sup>1</sup>
Frame Rate <sup>3</sup>	24fps		High quality (HQ): 2,000 - 6,000 Kbps (3,000 Kbps default)

# Standard audio settings

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

### Power and network

Power Input <sup>4</sup>	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+	Connectivity	RJ-45 cable connector for network/PoE connection; 10/100 Mbps
Power Consumption⁴	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	RTSP	RTSP 1.0 RFC 2326 Max concurrent streams: 2 Audio support: Yes

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

 $<sup>2. \,</sup> Lens \, Distortion \, Correction \, (LDC) \, crops \, the \, sensor \, field \, of \, view \, to \, deliver \, a \, rectified, \, undistorted \, output \, image.$ 

<sup>3.</sup> Frame rate can be adjusted by support.

 $<sup>4. \, \</sup>text{Extended temperature range includes operating temperatures below } -8.5^{\circ}\text{C} \, / \, 16.7^{\circ}\text{F and assumes IR will be enabled.}$ 



# **Tech Specs**



### CD62-E

### General

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

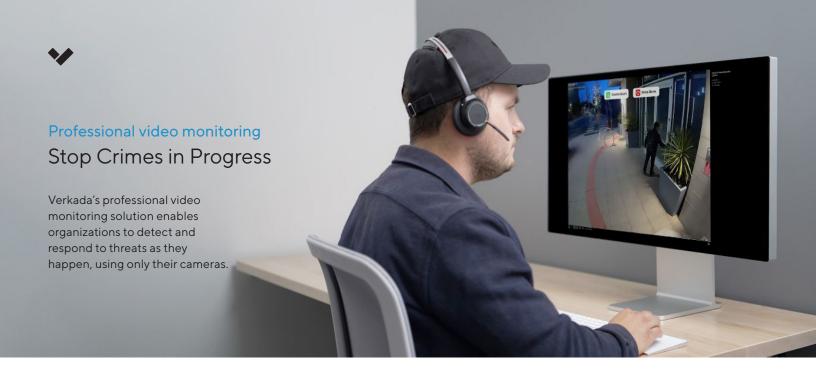
### Mechanical

Weight	Camera: 994g / 35.06oz Mount plate: 174g / 6.14oz	Body	Aluminum, plastic dome trim
Dimensions	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

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

<sup>5.</sup> 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 and ePTZ circle mode only).



### 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.

<sup>\*</sup>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	MP¹	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	<b>~</b>	\$799
CD32-512-HW	3.0MP	~	Fixed	15m / 49ft	512GB	60 Days	<b>~</b>	\$1,199
CD32-768-HW	3.0MP	~	Fixed	15m / 49ft	768GB	90 Days	<b>~</b>	\$1,599
CD42-256-HW	5.0MP	~	Fixed	15m / 49ft	256GB	30 Days	<b>~</b>	\$999
CD42-512-HW	5.0MP	~	Fixed	15m / 49ft	512GB	60 Days	<b>~</b>	\$1,399
CD42-768-HW	5.0MP	~	Fixed	15m / 49ft	768GB	90 Days	<b>~</b>	\$1,799
CD42-1TB-HW	5.0MP	~	Fixed	15m / 49ft	1TB	120 Days	<b>~</b>	\$2,199
CD42-2TB-HW	5.0MP	~	Fixed	15m / 49ft	2TB	365 Days	<b>~</b>	\$3,499
CD52-256-HW	5.0MP	~	Zoom	30m / 98ft	256GB	30 Days	<b>~</b>	\$1,199
CD52-512-HW	5.0MP	~	Zoom	30m / 98ft	512GB	60 Days	<b>~</b>	\$1,599
CD52-768-HW	5.0MP	~	Zoom	30m / 98ft	768GB	90 Days	<b>~</b>	\$1,999
CD52-1TB-HW	5.0MP	~	Zoom	30m / 98ft	1TB	120 Days	<b>✓</b>	\$2,399
CD52-2TB-HW	5.0MP	~	Zoom	30m / 98ft	2TB	365 Days	<b>~</b>	\$3,699
CD62-30-HW	8.0MP	~	Zoom	30m / 98ft	512GB	30 Days	<b>~</b>	\$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	<b>~</b>	\$3,299
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<sup>1.</sup> 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: <a href="https://docs.verkada.com/docs/adaptive-quality-recording-whitepaper.pdf">https://docs.verkada.com/docs/adaptive-quality-recording-whitepaper.pdf</a>



# Ordering Information

# Outdoor Dome Series pricing

Model Number	MP¹	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	<b>~</b>	\$1,799
CD42-256E-HW	5.0MP	~	Fixed	15m / 49ft	256GB	30 Days	<b>~</b>	\$1,199
CD42-512E-HW	5.0MP	~	Fixed	15m / 49ft	512GB	60 Days	<b>~</b>	\$1,599
CD42-768E-HW	5.0MP	~	Fixed	15m / 49ft	768GB	90 Days	<b>~</b>	\$1,999
CD42-1TBE-HW	5.0MP	~	Fixed	15m / 49ft	1TB	120 Days	<b>~</b>	\$2,399
CD42-2TBE-HW	5.0MP	~	Fixed	15m / 49ft	2TB	365 Days	<b>~</b>	\$3,699
CD52-256E-HW	5.0MP	~	Zoom	30m / 98ft	256GB	30 Days	<b>~</b>	\$1,399
CD52-512E-HW	5.0MP	~	Zoom	30m / 98ft	512GB	60 Days	<b>~</b>	\$1,799
CD52-768E-HW	5.0MP	~	Zoom	30m / 98ft	768GB	90 Days	<b>~</b>	\$2,199
CD52-1TBE-HW	5.0MP	~	Zoom	30m / 98ft	1TB	120 Days	<b>~</b>	\$2,599
CD52-2TBE-HW	5.0MP	~	Zoom	30m / 98ft	2TB	365 Days	~	\$3,899
CD62-30E-HW	8.0MP	<b>~</b>	Zoom	30m / 98ft	512GB	30 Days	~	\$1,699
CD62-60E-HW	8.0MP	~	Zoom	30m / 98ft	1TB	60 Days	<b>~</b>	\$2,599
CD62-90E-HW	8.0MP	~	Zoom	30m / 98ft	2TB	90 Days	<b>✓</b>	\$3,499

<sup>1.</sup> 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: <a href="https://docs.verkada.com/docs/adaptive-quality-recording-whitepaper.pdf">https://docs.verkada.com/docs/adaptive-quality-recording-whitepaper.pdf</a>

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# 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
www.verkada.com 1223		sales@verkada.com