

CD62 Indoor Dome Camera

Versatile 4K Coverage in a Variety of Indoor Environments



Overview

The CD62 dome camera provides versatile 4K coverage in a variety of indoor spaces. With its 1 / 2.8" progressive CMOS image sensor, a varifocal lens with 2.86x optical zoom, and 30 meters / 98 feet of IR range, the CD62 offers pristine image quality in most lighting conditions. The CD62 includes an onboard CV22S Ambarella processor to support advanced analytics like AI-powered search, [Occupancy Trends](#), line crossing, loitering, and Person of Interest (POI) alerts. The CD62 excels at covering busy indoor spaces such as building entrances and exits where high-precision, privacy-sensitive people capture is necessary.

The CD62's sleek design and IK08 impact rating enable organizations to deploy a durable, tamper-resistant camera while also keeping aesthetics top-of-mind. Installation is simple and intuitive, and setup is easy to track with an LED status indicator. The included mount plate additionally allows the camera to be mounted to a wall or ceiling without any additional hardware.

Key features

Superior image quality

- 1 / 2.8" progressive CMOS image sensor
- 4K resolution
- Varifocal lens with 2.86x optical zoom
- 30 meters / 98 feet of IR range for extensive nighttime visibility

Advanced analytics

- Onboard CV22S Ambarella processor enables people and vehicle analytics
- AI-powered search and AI-powered alerts
- Occupancy Trends for operational insights

Hybrid cloud architecture

- Onboard storage and processing for reduced bandwidth consumption and coverage at scale
- 30 - 90 days (512 GB - 2TB) of onboard storage
- Redundant cloud backup and unlimited cloud-based archiving of footage

Easy installation

- Mounting plate and screw pack included
- LED light status indicator
- Digital mute switch to quickly enable or disable audio



CD62

Tech Specs

Camera features

| | | | |
|--|---|-----------------------------|---|
| Image Sensor | 1 / 2.8" Progressive CMOS | Shutter Speed | 1 / 30 sec. to 1 / 10,000 sec. |
| Sensor Resolution¹ | 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 LDC²) | Horizontal: 116° - 41° (100° - 40°) Vertical: 62° - 23° (57° - 23°) Diagonal: 136° - 47° (106° - 45°) | CPU | Ambarella CV22S66 |
| Sensor Movement | Tilt: 60° Pan: 355° Rotation: 350° | | |

Standard video settings

| | | | |
|-------------------------------|--------------|----------------------------------|--|
| Compression | H.265, H.264 | Historical Video Settings | Adaptive quality ¹ |
| Frame Rate³ | 24fps | Live Streaming Settings | High quality (HQ): Up to 4,500 Kbps (default) Standard quality (SQ): Up to 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: 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 |

1. All our cameras record in "adaptive quality," capturing both standard (SQ) and high quality (HQ) 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: <https://docs.verkada.com/docs/adaptive-quality-recording-whitepaper.pdf>

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.



CD62
Tech Specs

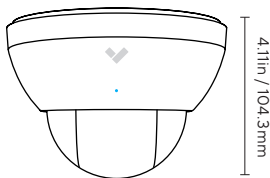
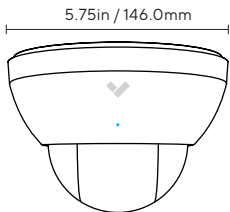
General

| | | | |
|-----------------------|--|----------------------|---|
| 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, UKCA, RCM, VCCI, KCC, BIS, NOM, UL/cUL/IEC 62368-1, CB, IK08 impact rating, IEC60950-1, ECA, CAK, NCC, RURA, UCC, FY2019 NDAA compliant | 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: 146.0mm / 5.75in, H: 104.3mm / 4.11in with mount plate Ø: 146.0mm / 5.75in, H: 99.8mm / 3.93in without mount plate | | |

Dimensions



Software capabilities

| | | | |
|-------------------|--|-----------------------|---|
| Alerts | Camera status, motion detection, people detection, vehicle detection, Person of Interest detection, crowd detection, line-crossing detection, loitering detection, AI-powered alerts | 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, selective face blurring, AI-powered search | Sharing and Privacy | Live Links, live face blur, privacy regions, audit log |
| Vehicle Analytics | Vehicle search, attribute search, motion search, trajectory analysis, Occupancy Trends, AI-powered search | | |



Ordering Information

CD62 pricing

| Model Number | MP ¹ | WDR | Lens | IR Range | Onboard Storage | Maximum SQ Onboard Retention ¹ | People/ Vehicle Analytics | Cost (MSRP) ^{USD} |
|--------------|-----------------|-----|------|------------|-----------------|---|------------------------------|----------------------------|
| CD62-30-HW | 4K | ✓ | Zoom | 30m / 98ft | 512GB | 30 Days | ✓ | \$1,499 |
| CD62-60-HW | 4K | ✓ | Zoom | 30m / 98ft | 1TB | 60 Days | ✓ | \$2,399 |
| CD62-90-HW | 4K | ✓ | 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://docs.verkada.com/docs/adaptive-quality-recording-whitepaper.pdf>



Ordering Information

Video Security Cloud License pricing (New/Capacity Increase)

| Model Number | Description | Cost (MSRP) USD |
|-----------------|---|-----------------|
| LIC-CAM-1Y-CAP | 1-Year Camera License, Capacity Increase | \$199 |
| LIC-CAM-3Y-CAP | 3-Year Camera License, Capacity Increase | \$549 |
| LIC-CAM-5Y-CAP | 5-Year Camera License, Capacity Increase | \$899 |
| LIC-CAM-10Y-CAP | 10-Year Camera License, Capacity Increase | \$1,799 |

Video Security Cloud License pricing (Renewal)

| Model Number | Description | Cost (MSRP) USD |
|-----------------|---------------------------------|-----------------|
| LIC-CAM-1Y-RNW | 1-Year Camera License, Renewal | \$199 |
| LIC-CAM-3Y-RNW | 3-Year Camera License, Renewal | \$549 |
| LIC-CAM-5Y-RNW | 5-Year Camera License, Renewal | \$899 |
| LIC-CAM-10Y-RNW | 10-Year Camera License, Renewal | \$1,799 |



Ordering Information

Accessories pricing

| Model Number | Description | Cost (MSRP) USD |
|------------------|--|-----------------|
| ACC-CAM-SHIELD-1 | Camera Weather Shield | \$79 |
| ACC-MNT-ANGLE-1 | Angle Mount | \$149 |
| ACC-MNT-ARM-1 | Arm Mount | \$99 |
| ACC-MNT-CJBOX-1 | Circle Junction Box | \$109 |
| ACC-MNT-CLIP-1 | Tile Clip Mount | \$99 |
| ACC-MNT-CORNER-1 | Corner Mount | \$199 |
| ACC-MNT-LBRAC-1 | L-Bracket Mount | \$129 |
| ACC-MNT-PEND-1 | Standard Pendant Cap | \$69 |
| ACC-MNT-POLE-1 | Pole Mount | \$209 |
| ACC-MNT-REC-2 | Recess Ceiling Mount | \$149 |
| INJ-POE-PLUS | PoE Plus (802.3at Type 2) Injector, GigE | \$129 |



Ordering Information

Viewing Station pricing

| Model Number | Description | Cost (MSRP) USD |
|--------------|----------------------|-----------------|
| VX52-HW | VX52 Viewing Station | \$499 |

Viewing Station License pricing (New/Capacity Increase)

| Model Number | Description | Cost (MSRP) USD |
|----------------|--|-----------------|
| LIC-VX-1Y-CAP | 1-Year Viewing Station License, Capacity Increase | \$499 |
| LIC-VX-3Y-CAP | 3-Year Viewing Station License, Capacity Increase | \$1,299 |
| LIC-VX-5Y-CAP | 5-Year Viewing Station License, Capacity Increase | \$1,999 |
| LIC-VX-10Y-CAP | 10-Year Viewing Station License, Capacity Increase | \$3,999 |

Viewing Station License pricing (Renewal)

| Model Number | Description | Cost (MSRP) USD |
|----------------|--|-----------------|
| LIC-VX-1Y-RNW | 1-Year Viewing Station License, Renewal | \$499 |
| LIC-VX-3Y-RNW | 3-Year Viewing Station License, Renewal | \$1,299 |
| LIC-VX-5Y-RNW | 5-Year Viewing Station License, Renewal | \$1,999 |
| LIC-VX-10Y-RNW | 10-Year Viewing Station License, Renewal | \$3,999 |