



2022

# Product Catalog

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6402 Arlington Blvd.  
Falls Church, VA 22042  
[Checkvideo.com](http://Checkvideo.com)

## Product icon key



Device includes built-in intelligent video analytics.



Device produces a high definition (HD) video stream or is capable of processing HD video.



In addition to processing HD video streams, device is also capable of processing analytics data in HD.



Device has built-in video recording.



Device is IP-66 weatherproof.



Device includes matrix display output.



Device is capable of capturing video both day and night.



Device is capable of capturing video in low light.



Uses mobile / cellular communications for Internet connectivity.



Device is capable of panoramic views.



Device is capable of high density storage.



Device includes RAID 5 for increased reliability.



Device is capable of processing 4K video.

**Information contained in this catalog is current as of the date of publication.**

**All specifications are subject to change without notice.**

**CheckVideo products are subject to US Government export laws. If required, export license must be received prior to shipment.**

# Cloud IP Cameras

## 4 MEGAPIXEL INDOOR MICRO DOME CAMERA



- White 4MP dome IP HD camera
- Built-in speaker for live talk down (CV155A)
- Built-in advanced video analytics
- Fixed focal 2.8mm lens
- Built-in NVR. 30 days HD recording
- Person Detection up to 100 ft.
- 3 degrees of lens adjustment
- Low-light capable
- Power over Ethernet (PoE)
- Requires CheckVideo Cloud VMS subscription
- Optional CheckVideo VoIP service for audio talk-down

MODEL	CV155/CV155A
SKU	201149 (CV155)
SKU	201455 (CV155A)

[Details and specifications](#)

	Pendant Mount Dome Camera Cap	174134	Purchased separately Requires 200581
	CV15x/16x series wall mount	174178	Purchased separately
	4S Box Adapter	200484	Purchased separately Requires 200581
	Adapter Plate	200581	Purchased separately
	Compact Wall Mount	200582	Purchased separately Requires 200581

## 4 MEGAPIXEL OUTDOOR DOME CAMERA

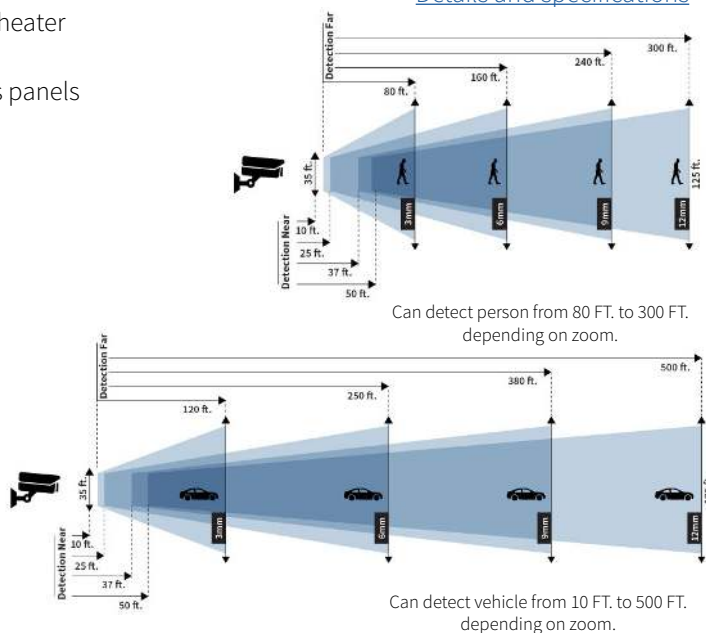


- White outdoor 4MP dome IP camera
- Audio line output for connection to an amplified speaker (CV169A)
- Built-in advanced video analytics
- 2.8mm-12mm motorized P-Iris lens, 82° (wide) to 33° (zoom) lens
- Built-in NVR. 30 days HD recording
- Person Detection up to 300 ft.
- Weatherproof IP 66 rating with on-board heater
- Built-in IR illumination up to 100 ft.
- Digital I/O interface for alarms and access panels
- Power over Ethernet (PoE)

MODEL	CV169M (No Audio) CV169A (Audio)
SKU	201638 (CV169M)
SKU	200560 (CV169A)

[Details and specifications](#)

	Pendant Mount Dome Camera Cap	174134	Purchased separately
	CV15x/16x series wall mount	174178	Purchased separately
	4S Box Adapter	200484	Purchased separately
	Compact Wall Mount	200582	Purchased separately



## 4 MEGAPIXEL OUTDOOR BULLET CAMERA

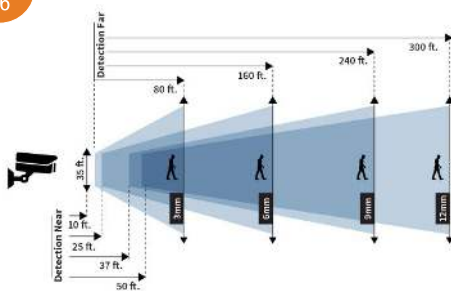


- White 4MP bullet IP HD camera
- Built-in advanced video analytics
- 2.8mm-12mm motorized P-Iris lens, 82° (wide) to 33° (zoom) lens
- Built-in NVR. 30 days HD recording
- Person Detection up to 300 ft.
- Vehicle detection up to 500 ft.
- Low-light capable
- Digital I/O interface for alarms and access panels
- Power over Ethernet (PoE)
- Requires CheckVideo Cloud VMS subscription

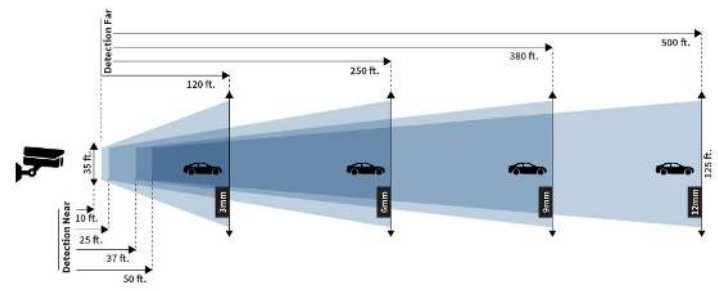
MODEL CV138

SKU 201251

[Details and specifications](#)



Can detect person from 80 FT. to 300 FT. depending on zoom.



Can detect vehicle from 10 FT. to 500 FT. depending on zoom.

## OUTDOOR PANORAMIC CAMERA



- One outdoor panoramic weatherproof IP camera
- Up to 9 megapixels dewarped
- 1/1.7" Progressive CMOS Sensor
- 360° ceiling mount, 180° wall mount or quad view
- Provides 100% circular coverage and person detection up to 100 feet (equivalent to 4 cameras)
- IP 66 weatherproof housing with built-in IR illumination
- Video Analytics
- Power over Ethernet (PoE)
- Requires CheckVideo Cloud VMS subscription

MODEL CV182

SKU 201546

[Details and specifications](#)

	4S Box Adapter	200484	Purchased separately
	CV15x/16x series wall mount	174178	Purchased separately (must purchase 201555 and 201556 to use the 174178 mount)

	Compact Wall Mount	200582	Purchased separately
	Mount Arm Adapter for L Style Cap	201555	Purchased separately
	L Style Cap to Pelco Threaded Arm	201556	Purchased separately
	25° Angled Wall Mount	201608	Purchased separately

## EXPRESSHD RECORDER

**+** Adds analytics and cloud backup to any coax camera



- ExpressHD Recorder with advanced analytics for up to 8 channels of HD video
- 24x7 recording of video for up to 30 days
- Dry contact relay inputs or outputs to be connected to an alarm panel
- Compatible with NTSC, AHD, and TVI cameras up to 4MP
- HDMI output for a matrix display
- Power supply included
- Requires CheckVideo Cloud VMS subscription

MODEL CVEHD-DVR

SKU 200785

[Details and specifications](#)

	ExpressHD Outdoor IR Bullet Camera 2.8-12mm	201671	Purchased separately
	ExpressHD Outdoor IR Mini-Dome Camera 2.8-12mm	201579	Purchased separately
	Rack Mount Kit-1.5U	201183	Purchased separately

## EXPRESSHD OUTDOOR BULLET CAMERA



- 1/2.9" Progressive Scan CMOS
- 2.8-12mm Motorized Lens
- Full HD 1080P
- Video Transmission up to 700 ft.
- IR Up to 100 ft.
- 2D DNR, D-WDR, ICR
- Supports AHD/TVI/CVI/CVBS Output
- IP66
- Power supply not included
- DC12V/AC24V
- Requires CheckVideo ExpressHD

MODEL CVEHD-CAM-B-2

SKU 201671

## EXPRESSHD OUTDOOR DOME CAMERA



HD

DVR



- 1/2.8" Progressive Scan CMOS
- 2.8-12mm motorized lens
- Max 30fps@1080P
- Video Transmission up to 900 ft.
- IR up to 90 ft.
- 3D DNR, WDR, ICR, BLC, GLOBAL
- Support AHD/TVI/CVI/CVBS Output
- IP66, IK10
- Power supply not included
- DC12V/AC24V
- Requires CheckVideo ExpressHD

MOD-	CVEHD-CAM-D-2
SKU	201579

## CHECKVIDEO NVR 12TB

**+** Expand edge recording for CheckVideo cameras



- 16-channel network video recorder for CheckVideo cameras
- Hard-drive records 16 cameras in 4MP for 30 days
- Used with CheckVideo cameras on the same network
- Includes power supply
- Requires CheckVideo Cloud VMS subscription

MODEL CVNVR-12TB

SKU 201389

[Details and specifications](#)



## HD VIDEO STORAGE SERVER



- HD Video Storage Server in a compact 1U rack mount chassis
- Capable of recording 32 channels of 4 megapixel video for 30 days
- Works with CheckVideo IP Cameras
- Available in capacities of 32TB and 48TB
- Four video-grade hard drives pre-configured with RAID 5 for increased reliability
- Requires CheckVideo Cloud VMS subscription

MODEL CVNVR-SVR-32T

SKU 200663 (32T)

SKU 201637 (48T)

[Details and specifications](#)



## ANALYTICS NVR



Adds analytics and cloud backup to any IP camera





- One 16-channel analytics gateway and NVR recorder with 12TB hard drive
- Adds video analytics and continuous video recording to ONVIF cameras
- Provides 24x7 video recording for 30 days
- View up to 16 live camera streams in a matrix view on a HDMI monitor and control PTZ cameras (monitor not included)
- Total capacity of 640 Megapixels/second, connect up to 16 4 Megapixel IP cameras or 6 4K cameras
- Digital I/O interface for alarms and access panels
- Includes analytics for person or vehicle detection up to 200 ft.
- Requires CheckVideo Cloud VMS subscription

MODEL CV4IP-16-12T

SKU 201037

[Details and specifications](#)

	CVN-VD410	200165	Purchased separately
	Rack Mount Kit-1.5U	201183	Purchased separately

## CHECKVIDEO ANALYTICS SERVER



- One 32-channel analytics gateway and NVR recorder
- Adds video analytics and continuous video recording to ONVIF cameras
- Provides 24x7 video recording for 30 days.
- View up to 32 live camera streams in a matrix view on a HDMI monitor (monitor not included).
- Available in capacities of 32TB and 48TB
- Matrix display output capability
- Works with up to **32 1080p cameras** (H.264 format)
- Includes SD analytics for person or vehicle detection up to 200 ft.
- Requires CheckVideo Cloud VMS subscription

MODEL CV4IP-SVR-32T

SKU 200666 (32T)

SKU 201636 (48T)

[Details and specifications](#)

## RUGGEDIZED MOBILE NVR

**+** Adds analytics and cloud backup to any IP camera



- One 8-channel analytics gateway and NVR for IP cameras
- Adds video analytics and continuous video recording
- Provides 24x7 video recording for 7 days
- Built in 4G cellular communications
- Works with any ONVIF compliant H.264 camera
- **Built-in analytics processing** for detection ranges up to 400 ft.
- Suitable for extended temperatures
- Requires CheckVideo Cloud VMS subscription

MODEL	CV4IP-8-XT
SKU	201253 (without cellular)

MODEL	CV4IP-LTE
SKU	201192 (cellular service required)

# Viewing Station

## CHECKVIDEO VIEWING STATION



- CheckVideo Viewing Station local viewer for on-site cameras
- Live video from up to 36 CheckVideo cameras
- Remote Management and view configuration 2x2, 3x3, 4x4, 5x5 or 6x6 matrix view
- HDMI output capable of 1080p resolution
- Display wall support
- Power supply



MODEL	CView
SKU	200818

[Details and specifications](#)

## MOBILE SENTRY



- Fully self-contained, ruggedized, wireless intelligent video surveillance solution
- Can be installed in virtually any outdoor or remote location
- Supports up to four IP cameras (not included)
- Includes advanced, self-adapting video analytics
- Built-in 4G cellular communications to enable instant video alerts to a central station or a mobile device
- Requires cellular data plan, sold separately
- Includes battery backup and health monitoring

MODEL CMS4HD





SKU 174193

[Details and specifications](#)

HD

DVR



	Pole mount for CMS4HD enclosure	174257	Optional
	Solar power	200701	Optional
	External high-gain antenna	174129	Optional
	Pole Mount for Camera	200366	Optional

## CHECKVIDEO CLOUD VMS



## Subscription Tiers

	Cloud VMS Premier	Cloud VMS Central	Cloud VMS Professional	Cloud VMS Enterprise
Unlimited Users	✓	✓	✓	✓
Unlimited Locations	✓	✓	✓	✓
Software License for Cloud VMS	✓	✓	✓	✓
Software Updates	✓	✓	✓	✓
System Health Reporting	✓	✓	✓	✓
Video Search Engine	✓	✓	✓	✓
Video Analytics Person and Vehicle Detection	✓	✓	✓	✓
Cloud Analytics for False Alarm Mitigation			✓	✓
Central Station Interface		✓	✓	✓
Custom Analytics: Timelapse, Heatmap, Counting				✓
Cloud Backup	5 Days	5 Days	14 Days	31 Days
Additional Cloud Backup				Add-on option 2 months-2 years
Plus Subscription (Adds unlimited remote streaming of live or DVR event video)	with plus subscrip- tion add-on	with plus subscrip- tion add-on	✓	✓

All use of hosted services is subject to the terms and conditions available at [www.checkvideo.com/terms-conditions](http://www.checkvideo.com/terms-conditions).

# Options & Accessories

	PRODUCT	MODEL
	<b>BULLET 2MP CAMERA - EXPRESSHD</b> One 2MP color camera with 2.8-12mm motorized varifocal lens, auto-focus, IP-66 rated, IR illumination, DC12V/AC24V.	201671
	<b>DOME CAMERA - EXPRESSHD</b> One 2MP color camera with 2.8-12mm motorized varifocal lens, auto-focus, IP-66 rated, IR illumination, DC12V/AC24V.	201579
	<b>POLE MOUNT FOR CMS4HD ENCLOSURE</b> One CheckVideo pole mount with steel cables for CMS4HD.	174257
	<b>EXTERNAL HIGH-GAIN ANTENNA</b> One external multi-band magnetic mount antenna with a frequency range of 694-894 MHz & 1700-2700 MHz and 3dB-MEG gain. For CMS4HD.	174129
	<b>CV15x / CV16x SERIES WALL MOUNT</b> One white wall mount with Pelco thread to attach to dome camera cap. For CV155, CV169. Requires CV155 adapter plate.	174178
	<b>4S BOX ADAPTER</b> One mounting plate for 4S electrical box. Use with CV155, CV169. Requires CV155 adapter plate.	200484
	<b>ADAPTER PLATE</b> Required to use CV154 with mounting hardware such as dome cap, arm or 4S box adapter.	200581
	<b>PENDANT MOUNT DOME CAMERA CAP</b> One camera cap with Pelco thread for use with wall or pendant mount. Use with CV155, CV169. Requires CV155 adapter plate.	174134
	<b>COMPACT WALL MOUNT</b> For indoor installation with dome cameras. Use with CV155, CV169. Requires CV155 adapter plate.	200582
	<b>POLE MOUNT FOR CAMERA</b> One pole mount bracket for cameras. Requires wall mount and cap for dome cameras. Use with junction box for bullet cameras.	200366
	<b>RACK MOUNT KIT-1.5U</b> One rack mount kit. For use with CV4IP-16-8T and CVEHD-DVR.	201183
	<b>CVN-VD410</b> One 4MP IP Varifocal Dome Camera. For use with CV4IP-16-8T.	201165
	<b>WALL MOUNT BRACKET - 4MP IP Varifocal Dome Camera</b> One wall mount bracket for the 4MP IP Varifocal Dome Camera (CVN-VD410).	201581
	<b>JUNCTION BOX - 4MP IP Varifocal Dome Camera</b> One junction box for the 4MP IP Varifocal Dome Camera (CVN-VD410).	201580
	<b>Mount Arm Adapter</b> Mount Arm Adapter for L Style Cap. For use with CV182 and 174178 wall mount.	201555
	<b>L Style Cap</b> One L Style Cap to Pelco Threaded Arm. For use with CV182 and 174178 wall mount	201556
	<b>25° Angled Wall Mount</b> One 25° Angled Wall Mount. For use with CV182	201608
	<b>Solar power</b> For use with Mobile Sentry CMS4HD	200701

