



# High Definition Dome Camera

model CV168



A complete, **Cloud-based** intelligent video surveillance system with **full HD resolution**.  
Nothing else required.

**Reliable protection has never been this simple.**

The **CheckVideo HD Outdoor Dome Camera (CV168)** is a complete video security solution that greatly simplifies installation while providing superior protection compared to traditional closed-circuit television systems. With built-in 24x7 video recording, the CV168 eliminates the need for an external recorder. Featuring, patented, analytics-driven compression technology, the HD Dome can record and transmit video using up to 70% less capacity resulting in reduced network and bandwidth costs.

Featuring advanced video analytics technology, the CV168 can differentiate people and vehicles from the normal motion generated by foliage and shadows, then instantly send an alert. The CV168 is part of the CheckVideo family of managed security solutions, and can be configured and viewed remotely by authorized users. Automated tamper detection, health checks and error recovery are included to ensure that security is never compromised. With Power-over-Ethernet connectivity, extreme low-light capability and built-in digital I/O, the CV168 combines simplicity and versatility in a compact package. The CV168 features one-click integration with the CheckVideo VMS, enabling a complete Cloud-based intelligent video security solution.

## CAMERA



### ADVANCED VIDEO ANALYTICS

The camera becomes a real video sensor, detecting persons and vehicles, dramatically reducing false alarms by up to 85% versus outdoor PIRs or cameras with built-in motion detection<sup>1</sup>.



### BUILT-IN DVR

Continuously records to internal memory, eliminating the need for a separate external NVR or DVR.



### SECURE VIDEO STREAMING

Allows simultaneous viewing of live video on multiple unlimited Web clients.



### OUTDOOR RATED

Includes an IP 66 weatherproof housing with onboard heater and built-in IR illumination.

## VIDEO MANAGEMENT

### CHECKVIDEO VMS™

All CheckVideo solutions feature 100% Web-based video management functionality with no servers or software installation required.

### VIDEO ALERTS

Pushes notifications of alerts based on analytics detections to central monitoring station, email addresses or smartphones.

### VIDEO SEARCH ENGINE

Intelligent video search saves time by drilling down to the specific events of interest in seconds rather than hours.

### AUTOMATED SYSTEM HEALTH MONITORING

The system issues proactive alerts in case of camera tampering, poor video quality or loss of communication.



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## CAMERA

<b>Image Sensor</b>	1/3" Progressive Scan CMOS
<b>Lens</b>	3mm-9mm motorized P-Iris lens, 82° (wide) to 33° (zoom)
<b>Light Sensitivity</b>	Color: 0.1 lux; B/W IR: 0 lux up to 100 ft For zero light scenes, use an external IR illuminator for analytics detection distances over 100 ft
<b>Image Processing</b>	Auto White Balance, Auto Exposure; 3D Noise Reduction; Wide Dynamic Range (WDR)

## VIDEO

<b>Video Compression</b>	H.264 dual streaming
<b>Resolutions</b>	2688 x 1512 (4MP) / 1280 x 720 (720p)

## NETWORK

<b>Wired</b>	10/100Mbps Ethernet (RJ-45)
<b>Security</b>	HTTPS, IP Filter, TLS 1.2
<b>Protocols</b>	IPv4/v6, TCP/IP, UDP, HTTP, HTTPS, ICMP, DHCP, UPnP, NTP, RTP

## DVR

<b>Resolutions</b>	2688 x 1512 (4MP) / 1280 x 720 (720p)
<b>Recording</b>	Internal 128GB, up to 30 days of continuous recording at 720p

## GENERAL

<b>Dimensions</b>	ø 4.6" x 4.2" height
<b>Connectors</b>	Ethernet: RJ45, BNC, Terminal Block
<b>Operating Conditions</b>	-20°C to 50°C (-4°F to 122° F) Humidity: 10% to 90%, no condensation IP 66 weatherproof rating
<b>Power Source</b>	POE, DC12V, AC24V
<b>Power Consumption</b>	8W
<b>Weight</b>	1.1 lbs
<b>Approvals</b>	CE, FCC

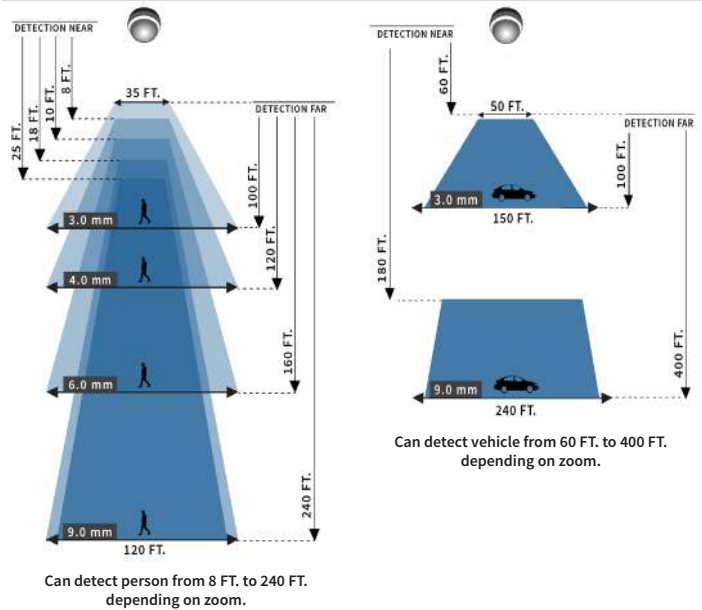
## VIDEO MANAGEMENT

<b>VMS Software</b>	CheckVideo VMS enables online live, recorded and search functionality as well as configuration and management of an unlimited number of cameras across multiple sites
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## ALARM

<b>Video Analytics</b>	Calibration-free, auto-adapting analytics Detects people, up to 240 feet* Detects vehicles, up to 400 feet** Detects moving objects (eliminates environmental motion) Zone violation Loitering person or stopped vehicle
<b>Video Alarm</b>	10-second video clip generated upon trigger of alarm; contains 2-4 seconds of pre-alarm video
<b>Tamper Alarm</b>	Poor video Loss of communication
<b>Digital I/O (Access and Alarm Panel)</b>	External trigger 5V, 10K Ω pull-up contact closure on video alarm, photo relay 300 V DC/AC

## DETECTION RANGES



\*6-ft person walking at 4 mph across field of view.

\*\*Vehicle (SUV-sized) moving across field of view at 10 mph.

\*Results based on CheckVideo customer data.