



# 4 Megapixel Micro Dome Camera

model CV154



The smallest megapixel camera to package **video analytics**, DVR and managed services into a complete **intelligent video security system**.

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

The **CheckVideo 4 Megapixel Micro Dome Camera (CV154)** is an indoor self-contained video surveillance and recording system with built-in advanced analytics and 4 megapixel resolution. It does not require any additional hardware or software on site for operation. Camera configuration is completed remotely from any web browser. The CV154 features one-click integration with the CheckVideo VMS, enabling a complete Cloud-based intelligent video security solution.

## CAMERA



### ADVANCED VIDEO ANALYTICS

Acts as a video sensor by detecting a person or vehicle and dramatically reduces false alarms by up to 85% versus outdoor PIRs or cameras with built-in motion detection.



### BUILT-IN DVR

Records up to 30 days of HD video, eliminating the need for a separate external NVR or DVR.



### SECURE VIDEO STREAMING

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



### LOW PROFILE CAMERA

Only 4.1 inches in diameter with Power over Ethernet connectivity.

## VIDEO MANAGEMENT

### CHECKVIDEO VMS

Provides video management functionality and simplifies on-site installation.

### VIDEO ALERTS

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

### SECURE OFFSITE STORAGE

Stores alarm video clips at a secure offsite location

### VIDEO SEARCH ENGINE

Intelligent video search engine saves time by drilling down to specific hours or days 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 CMOS
<b>Effective Pixels</b>	4M (2688x1520)
<b>Minimum Illumination Color</b>	0.1 lux
<b>Lens</b>	2.8 mm focal length/ F 2.0

## VIDEO

<b>Video Compression</b>	H.264 Main Profile
<b>Resolutions</b>	2688 x 1520 (4MP) / 1280 x 720 (720p)

## VIDEO MANAGEMENT

<b>Hosted Software</b>	CheckVideo Software Service enables configuration and management of an unlimited number of cameras across multiple sites
<b>Central Station Automation Software Integration</b>	Bold Manitou, Micro Key MKMS, SIMS II/III, SureView Immix®, SGS-stages

## ALARM

<b>Video Analytics</b>	Calibration-free, auto-adapting analytics Detects people, 10 to 100 feet Detects vehicles, 30 to 160 feet Detects moving objects (eliminates environmental motion) Unlimited polygonal detection zones for person, vehicle, motion Duration of time for detection of 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

## NETWORK

<b>Wired</b>	10/100Mbps Ethernet (RJ-45)
<b>Security</b>	HTTPS, IP Filter, IEEE 802.1X
<b>Protocols</b>	IPv4/v6, TCP/IP, UDP, HTTP, HTTPS, IGMP, DHCP, UPnP, RTP/RTSP

## DVR

<b>Resolutions</b>	4MP or 720p
<b>Recording</b>	Internal 128GB, up to 30 days of continuous recording at 720p
<b>Web Player</b>	HTTP streaming compatible with web browsers and mobile devices

## ALARM

<b>Input</b>	One Digital Input to trigger video capture from alarm panels or controllers  Electrical: 5v 10K $\Omega$ pull up
<b>Output</b>	One Digital Output to trigger external devices such as sirens, strobe or door controllers when people or vehicles are detected.  Electrical: Photo Relay Output 300 DC/AV

## GENERAL

<b>Dimensions</b>	$\varnothing$ 105 x 52 mm ( $\varnothing$ 4.13 x 2.04 in.)
<b>Operating Conditions</b>	-30°C ~ 55°C (-22°F ~ 131°F) Humidity: 10% ~ 90%, no condensation
<b>Power Source</b>	PoE
<b>Power Consumption</b>	4.3 W