



4 Megapixel High Definition 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 HD 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 CheckVideoVMS, 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

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.



LOW PROFILE CAMERA

Only 4.1 inches in diameter with Power over Ethernet connectivity.

VIDEO MANAGEMENT

CHECKVIDEOVMS

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

Image Sensor	1/3" Progressive CMOS
Effective Pixels	4M (2688x1520)
Minimum Illumination Color	0.1 lux
Lens	2.8 mm focal length/ F 2.0
Image Processing	Auto White Balance, Auto Exposure; 3D Noise Reduction; Wide Dynamic Range (WDR)

VIDEO

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

VIDEO MANAGEMENT

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

ALARM

Video Analytics	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
Video Alarm	10-second video clip generated upon trigger of alarm; contains 2-4 seconds of pre-alarm video

NETWORK

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

DVR

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

ALARM

Input	One Digital Input to trigger video capture from alarm panels or controllers Electrical: 5v 10K Ω pull up
Output	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

Dimensions	\varnothing 105 x 52 mm (\varnothing 4.13 x 2.04 in.)
Operating Conditions	-30°C ~ 55°C (-22°F ~ 131°F) Humidity: 10% ~ 90%, no condensation
Power Source	DC 12V/PoE 48V
Power Consumption	4.3 W