



High Definition Outdoor Mini Dome Camera

model CV151



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 Outdoor Mini Dome Camera** (CV151) is an unobtrusive, self-contained video surveillance and recording system with built-in advanced analytics. It does not require any additional hardware or software on site or any specialized IT skills for installation. Camera configuration is completed remotely from any web browser. The CV151 features wireless connectivity and one-click integration with the **CheckVideo Cloud 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

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 4.3 inches in diameter with Power over Ethernet connectivity.

VIDEO MANAGEMENT

CHECKVIDEO CLOUD 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.

CAMERA

Image Sensor	1/2.7" Progressive Scan CMOS
Lens	F 1.5 / f = 4 mm, 78 degrees field of view
Light Sensitivity	0.1 lux (color)
Image Processing	Auto White Balance, Auto Exposure; 3D Noise Reduction; Wide Dynamic Range (WDR)

VIDEO

Video Compression	H.264
Resolutions	1080p (1920x1080); WCIF (432x240)

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®, API available for integration to PSIMs

ALARM

Video Analytics	Calibration-free, auto-adapting analytics Detects people, 10 to 60 feet Detects vehicles, 30 to 120 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

DVR

Resolutions	1080p (1920x1080); WCIF (432x240)
Recording	Internal 32G, up to 30 days of continuous recording at WCIF
Web Player	HTTP streaming compatible with Adobe Flash Player

GENERAL

Dimensions	110.2 x 47.7 mm (4.3 x 1.9 inches)
Connectors	RJ-45 Ethernet
Operating Conditions	-10°C to 50°C (14°F to 122° F) Humidity: 10% to 90%, no condensation IP 66 weatherproof rating
Power Source	PoE
Power Consumption	3.5W; 0.3A