4 Megapixel Micro Dome Camera
model CV155/CV155A

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** (CV155/CV155A) 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 CV155/CV155A features one-click integration with the CheckVideoVMS, enabling a complete Cloud-based intelligent video security solution. The CV155A also includes a built-in speaker for live talk down.

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.

AUDIO INCLUDED (CV155A)
With a built-in speaker, play back audio alerts or activate live talk down for monitored sites.

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.

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

VIDEO/AUDIO

Video Compression	H.264 Main Profile
Resolutions	2688 x 1520 (4MP) / 1280 x 720 (720p)
Audio	Built-in speaker/microphone (CV155A)

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 256GB, up to 30 days of continuous recording at 720p
Web Player	HTTP streaming compatible with web browsers and mobile devices

GENERAL

Dimensions	Ø 105 x 52 mm (Ø 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 supply
Power Consumption	4.3 W