4 Megapixel Outdoor Bullet Camera
model CV138

A complete, **Cloud-based** intelligent video surveillance system with **full HD resolution.**

Reliable protection has never been this simple.

The **CheckVideo 4 Megapixel Outdoor Bullet Camera** (CV138) 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 CV138 eliminates the need for an external recorder. Featuring, patented, analytics-driven compression technology, the 4 megapixel outdoor bullet camera can record and transmit video using up to 70% less capacity resulting in reduced network and bandwidth costs.

Featuring advanced video analytics technology, the CV138 can differentiate people and vehicles from the normal motion generated by foliage and shadows, then instantly send an alert. The CV138 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 CV138 combines simplicity and versatility in a compact package. The CV138 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.

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.

OUTDOOR RATED
Includes an IP 66 weatherproof housing and built-in IR illumination.

VIDEO MANAGEMENT

CHECKVIDEO CLOUDVMS
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.

CAMERA

Image Sensor	1/3" Progressive Scan CMOS
Lens	2.8mm-12mm varifocal lens, 82° (wide) to 33° (zoom)
Light Sensitivity	Color: 0.1 lux; B/W with IR: 0 lux up to 100 ft For zero light scenes, use an external IR illuminator for analytics detection distances over 100 ft
Image Processing	Auto White Balance, Auto Exposure; 3D Noise Reduction; Wide Dynamic Range (WDR)

VIDEO

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

NETWORK

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

DVR

Resolutions	2688 x 1512 (4MP) / 1280 x 720 (720p)
Recording	Internal flash memory, up to 30 days of continuous recording at 720p

VIDEO MANAGEMENT

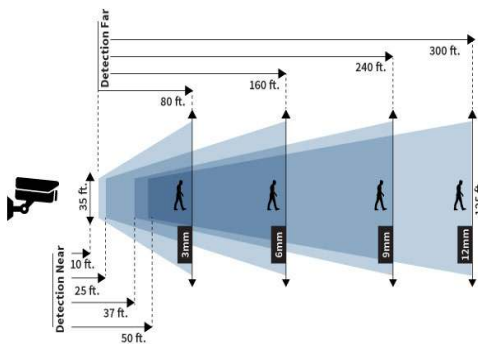|	
VMS Software	CheckVideo CloudVMS enables online live, recorded and search functionality as well as configuration and management of an unlimited number of cameras across multiple sites

ALARM

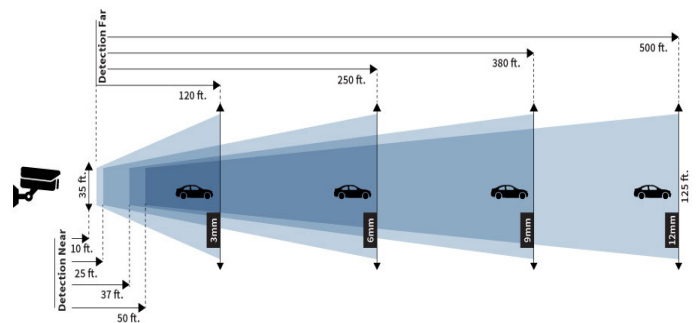|	
Video Analytics	Calibration-free, auto-adapting analytics Detects people, up to 300feet* Detects vehicles, up to 500 feet** Detects moving objects (eliminates environmental motion) Zone violation Loitering person or stopped vehicle
Video Alarm	10-second video clip generated upon trigger of alarm; contains 2-4 seconds of pre-alarm video
Tamper Alarm	Poor video Loss of communication
Digital I/O (Access and Alarm Panel)	External trigger 5V, 10K Ω pull-up contact closure on video alarm, photo relay 300 V DC/AC

GENERAL

Dimensions	ø 3.54 x 9.1 inches
Connectors	Ethernet RJ:45, Video: 1.0 Vp-p / 75 Ω, BNC, Power Block-
Operating Conditions	-30°C to 55°C (-22°F to 131° F) Humidity: 10% to 90%, no condensation IP 66 weatherproof rating
Power Source	POE, DC12V, AC24V
Power Consumption	4.3W With built-in IR illuminator: +4W
Weight	1.74 lbs
Approvals	CE, FCC, ROHS

DETECTION RANGES

Detect a person from 10 FT. to 300 FT. depending on zoom.

Detect a vehicle from 10 FT. to 500 FT. depending on zoom.

*6-ft person v
**Vehicle (SUV-sized) moving across field of view at 10 mph.
‡Results based on CheckVideo customer data.