



Outdoor Panoramic Camera

CV182



A weatherproof IP camera with
360° or 180° views

Reliable protection has never been this simple.

The **CheckVideo Panoramic Camera (CV182)** provides coverage equivalent to four cameras in a single weatherproof package. Featuring a **wide-angle** lens coupled with an industry-leading **12MP sensor**, the CV182 also supports de-warped 360 degree panorama in ceiling mode or a 180 degree panorama in wall mode. The camera includes edge de-warping capability and multiplexing to provide a quad view **without blind spots** in a single stream. This enables a single NVR channel to be used for the **equivalent of 4 cameras**, saving software and storage costs.

The CV182 is a complete video surveillance system with built-in 30 day HD recording and advanced video analytics. The camera can be viewed using simply a web browser, through CheckVideo's Cloud VMS service, that also enables digital pan, tilt and zoom functions. With just a single network cable required, the CV182 is easy to install. It is the perfect solution for cost-effective surveillance of outdoor lots, hallways, and retail stores.

CAMERA



COST EFFECTIVE SURVEILLANCE

4 camera views in a single package.



FLEXIBLE PANORAMA MODES

With edge de-warping. Includes support for 360° views in single stream for ceiling mount or panoramic 180° views in wall mount mode.



BUILT-IN DVR

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



OUTDOOR RATED

Includes an IP 66 weatherproof housing with built-in IR illumination.

VIDEO MANAGEMENT

CHECKVIDEO CLOUD VMS

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

Sony 12M, 1/1.7" Progressive CMOS

Effective Pixels

Up to 9 megapixels dewarped

Minimum Illumination

Color 0.1, B/W 0.01

VIDEO

Video Compression

H.264 (MPEG-4 Part 10/ AVC) Baseline/ Main Profile/ High Profile

Edge De-warping

360° ceiling mount, 180° wall mount view, quad view.

MODE	VIEW	RESOLUTION
Ceiling Dual Panorama	180°	3456 x 2560
	180°	
Wall	180°	4096 x 2048
Quad		3008 x 3008

NETWORK

Wired

RJ-45, 1Gbps Ethernet

Protocols

ARP, IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, DHCP

DVR

Resolutions

9MP or 720p

Recording

Built-in recording up to 30 days of continuous 24/7 recording at 720p.

VIDEO MANAGEMENT

VMS Software

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

GENERAL

Dimensions

ø 5.1" x 2.2" height

Connectors

RJ45

Power 2 Pin Terminal Block

Alarm in x1, Alarm out x1, Terminal Block

Operating Conditions

-30°C~55°C Outdoor Version

10% ~ 90%, No Condensation

Power Source/Consumption

PoE IEEE802.3af, class 0, max 12.95 watt, DC 12V, max 11.16 watt

Weight

565g (1.24lb)

Approvals

CE / FCC / RoHS/ IP66²/IK103

ANALYTICS

Features

Calibration-free, auto-adapting analytics

Detects people, up to 100 feet

Detects vehicles, up to 150 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

ACCESSORIES

	4S Box Adapter	200484
	CV15x/16x series wall mount (must purchase 201555 and 201556 to use the 174178 mount)	174178
	25° Angled Wall Mount	201608
	Compact Wall Mount	200582
	Mount Arm Adapter for L Style Cap	201555
	L Style Cap to Pelco Threaded Arm	201556