12 MEGAPIXEL PANORAMIC INDOOR/OUTDOOR CAMERA

S1812

The CheckVideo 12MP Panoramic Indoor/Outdoor Camera (S1812) provides coverage equivalent to four cameras in a single weatherproof package. Featuring a wide-angle lens coupled with an industry-leading 12MP sensor, the S1812 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 in a single stream.

The S1812 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 S1812 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 for360° views in single stream for ceiling mount or panoramic 180° views in wall mount mode.

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

VIDEO MANAGEMENT

CLOUD FEDERATION
All cameras across multiple locations are federated into a single unified system that scales from one camera to thousands of cameras. This drastically reduces system cost and complexity.

WEB AND MOBILE VIEWING
Use a web browser to log into the cloud VMS and view live, playback recorded video or use our advanced search engine to find video in seconds. Our mobile apps also put this capability within easy reach.

CYBER-SECURITY INCLUDED
Hacker-proof and secure using 2048 bit certificates. Built-in firewall and encrypted communication for added security.

CAMERA

Image Sensor	Sony 1/1.7" Progressive CMOS
Effective Pixels	Up to 12 megapixels
Minimum Illumination Color	Color 1 lux, B/W with IR: 0 lux up to 20 ft.

VIDEO

Video Compression
H.264/H.265 Baseline/Main Profile/ High Profile

Edge De-warping
360° ceiling mount, 180°wall mount view, quad view

MODE	VIEW	RESOLUTION
Wall	180°	4000x2000
Ceiling Dual Panorama	180° / 180°	4000x3000
Quad		3000x3000

VIDEO MANAGEMENT

Cloud VMS
Works with CheckVideo Cloud VMS. Offers 100% web and mobile viewing, advanced search and cloud backup. No NVR needed on-site.

Alarm Monitoring Integration
Bold Manitou, Micro Key MKMS, SIMS II/III, Immix ®, SGS-stages

ANALYTICS

Engine
Auto-calibrating analytics with tracking and classification engine for people and vehicles.
Rejects clutter from environment and illumination changes.

Analytics
Person Detection, up to 100 feet
Vehicle Detection, up to 150 feet
Zone Violation
Loitering Person
Stopped Vehicle

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

NETWORK

Wired
RJ-45, 1Gbps Ethernet

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

DVR

Resolutions
12MP or 2MP

Recording
Built-in recording up to 30 days of continuous 24/7 recording at 2MP.

Web Player
Live streaming compatible with web browsers and mobile devices

GENERAL

Dimensions
Ø 130.1 x 38.3 mm (Ø 5.12 x 1.51 in.)

Operating Conditions
-30°C ~ 55°C (-22°F ~ 131° F)
Humidity: 10% ~ 90%, no conden-sation

Power Source/ Consumption
PoE IEEE802.3af, class 0, max 12.95 watt, DC 12V, max 11.16 watt

Approvals
CE / FCC / IP66/IK103/ NDAA Compliant

S1812 Part Number	202070
25° Wall Mount	202054
Mount Cap	202051
Outdoor Wall Bracket	201581
Junction Box Adapter	202050