



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.

With deep learning video analytics technology, the S1812 can differentiate people and vehicles from the normal motion generated by foliage and shadows, then instantly send an alert. 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



DEEP LEARNING AI VIDEO ANALYTICS

AI video analytics transform the camera into intelligent video sensors by accurately detecting people, vehicles, loitering and zone-of-interest violations. Includes Person and Vehicle tracking, Appearance Search, Counting and Object Classification.



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.



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.



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°	4000x3000
	180°	
Quad		3000x3000

VIDEO MANAGEMENT

Hosted Software Compatible with NVRs and VMS servers. Works with KastleVideo CloudVMS which also offers web and mobile viewing, search engine and cloud backup.

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. AI Analytics for Object Classification, Counting, Appearance Search and Natural Language Processing.

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

Instant Notifications Push Notifications to App, email or text message. Video clip contains pre and post 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 condensation

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

Approvals CE / FCC / IP66/IK103/ NDA Compliant

S1812 Part Number 202070

25° Wall Mount 202054

Mount Cap 202051

Outdoor Wall Bracket 201581

Junction Box Adapter 202050