

HC-IPC-SD22120SR



Product Features

- ≥ 4MP H.265 full real time coding
- ≥ Up to 2560 x 1440 resolution,30fps
- ≥ 45x optical zoom, 16x digital zoom
- ≥ Smart IR, up to 350m IR distance
- ≥ 3D DNR, 120dB WDR, HLC, BLC, Defog, Smart IR and ROI coding
- ≥ Smart H.265+/H.265/H.264+/H.264/MJPEG
- ≥ Support three streams
- ≥ Built-in micro-SD card slot; up to 256GB
- ≥ Support 1/1 audio in/out, 1/1 alarm in/out,
- ≥ Smart Deep Learning EngineV1 and P2P function optional
- ≥ Intelligent analytics: Smart tracking of human/vehicle, Tripwire, Bi-directional tripwire, Illegal intrusion detection, Region entrance detection, Region exiting detection, Exception Detection, Face Detection, etc.
- ≥ DC24V±25% ,PoE+ (802.3.at)
- ≥ Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- ≥ IP67, IK10



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Specifications:

CAMERA

Sensor	1/2.8", progressive scan, 4.0 megapixel, CMOS
Lens	4~180mm lens, AF automatic focusing and motorized zoom lens/
Angle of view(H)	59.1°~1.8°
Angle of view(V)	38.4°~1.1°
Shutter Speed	60Hz: 1/30s – 1/30,000s@30fps; 50Hz: 1/25s~1/25,000s@25fps
Day/Night	IR-cut filter with auto switch (ICR)
Mi. Illumination	Color: 0.005 Lux (F1.2, AGC ON) 0 Lux with IR
IR	350m (1184 ft)
S/N	≥ 52dB
WDR	120dB
AWB (Auto white balance)	Auto/Natural/Street Lamp/Outdoor/Manual
Digital zoom	16x
Noise Reduction	2D/3D DNR
HLC	Supported
BLC	Supported
EIS	Supported
Image Config	Flip, Mirror, Saturation, Brightness, Contrast, Sharpness, AGC, and AWB adjusted by client software/browser
LOGO Overlay	Logo picture could be overlaid on video with 128x128pixels, 24bits BMP format

VIDEO

Video Compression	Smart H.265+/H.265/H.264+/H.264/MJPEG
H.264 code profile	Baseline profile, Main Profile, High Profile
Audio Compression	G.711 A/U
Frame Rate	Main Stream: 2560x1440, 1920x1080, 1280x960, 1280x720 Max: 30 Fps;



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Sub Stream: 704 × 480, 640 × 480, 352 × 240 Max: 30 Fps;
 Third Stream: 1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480,
 352 × 240 Max: 30 Fps;

Video Bit Rate	64 Kbps to 16Mbps
OSD	Supported
Motion Detection	Supported
ROI	Supported
Privacy Mask	Supported

PAN&TILT

Pan Range	360° (endless)
Pan Speed	0.1°/s ~ 390°/s Preset speed: 420°/s
Tilt Range	-25° ~ +155°, auto flip at 180°
Tilt Speed	0.1° ~ 270°/s Preset speed: 300°/s
Number of Presets	360
Patrol	Up to 8 patrols, up to 16 presets per patrol Note: The total number of patrols and patterns is 16.
Pattern	Up to 4 record Tour, Record time over 3 minutes for each patterns
Scheduled Task	Preset/Patrol/Tour/Random Scan/Boundary Scanning /Dome Reboot
3D Locate	Support

SMART

Image Settings	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
Face recognize /compare	Face detection & capturing, Max 17faces per scene.



Intelligent Analysis

Motion detection, Video tampering alarm, Exception, Tripwire, Bi-directional tripwire, Illegal intrusion detection, Region entrance detection, Region exiting detection, etc. More VCA per request. Vehicle detecting and tracking, support smart tracking of human or vehicle, manual/auto

General Function

Watermark, IP Address Filtering, Tampering Alarm, Access Policy, ARP Protection, User Authentication, heartbeat, Video masking

NETWORK

Protocols

HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, DHCP, PPPoE, P2P

Security Measures

User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering

Compatible Integration

ONVIF(Profile S, G, T), API and Third-party management platform

STORAGE

Edge Storage

Micro SD, slot up to 256 GB

INTERFACE

Audio I/O

1IN / 1OUT

Alarm I/O

1IN / 1OUT

Alarm Linkage

Alarm actions, such as Preset, Cruise, Track, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card, Send Email, etc.

Network

1 RJ45 10M/100M



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GENERAL

Power	DC24V,PoE++ (802.3.at) (Max 23.5W, include IR on, Heater on, Fan working)
Working Environment	-40°C ~ +70°C (-40°F ~ 158°F), Humidity: ≤ 95%RH(non-condensing)
Ingress Protection	IP67
Vandal Resistance	IK10
Weight	Approx. 3.0kg
Dimensions (L x W x H)	Φ 302mm × 197mm



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