

## HC-IPC-SD22120SR-P



### Product Features

- 33X Optical Zoom
- Smart IR, up to 150 m (492ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- Smart 265,H.265, H.264, MJPEG
- Embedded smart algorithm
- Customized OSD
- ONVIF Conformance
- Innovative snow-removing functionality
- More effective heat dissipation system
- Intelligent temperature control technology
- 6 KV surge protection designed for network interface



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## Specifications :

### CAMERA

Image Sensor	1/2.8 ", progressive scan, 4.0megapixel, CMOS
Lens	4.5 ~ 148.5 mm (33x optical zoom) , AF automatic focusing and motorized zoom lens
Angle of view(H)	51.4° ~ 2.5°
Shutter	Auto, 1 ~ 1/100000s
Minimum illumination	Color: 0.003 Lux (F1.5, AGC ON) 0 Lux with IR
Iris	Auto/Manual; F1.5 ~ F4.0
Day/Night	IR-cut filter with auto switch (ICR)
Digital noise reduction	2D/3D DNR
S/N	>56dB
IR Range	Up to 150 m (492 ft)
Defog	Digital Defog
WDR	120dB
Digital zoom	16x

### VIDEO

Video Compression	Smart 265,H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile, High Profile
Frame Rate	Main Stream: 4MP(2688*1520),Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps;
HLC	Supported
Video Bit Rate	128 Kbps~16 Mbps
BLC	Supported
OSD	Up to 8 OSDs
Privacy Mask	Up to 24 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas



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### SMART

Image Settings

Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser

Behavior Detection

Motion detection, Audio detection, Tampering Alarm

Intrusion

Enter and loiter in a pre-defined virtual region

Cross Line

Cross a pre-defined virtual line

Motion

Moving within a pre-defined virtual region

Intelligent Identification

People Counting, Defocus, Scene Change, Object Left, Object Moving

General Function

Watermark, IP Address Filtering, Tampering Alarm, Access Policy, ARP Protection, RTSP Authentication, User Authentication

### AUDIO

Audio Compression

G.711U,G.711A

Two-Way audio

Supported

Suppression

Supported

Sampling Rate

8 KHZ

### STORAGE

Edge Storage

Micro SD, Up to 256 GB

Network Storage

ANR, NAS(Network Attached Storage)

### NETWORK

Protocols

IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL/TLS

Compatible integration

ONVIF (Profile S, Profile G, Profile T), API,SDK

### PAN&TILT

Pan Range

360° (endless)

Pan Speed

0.1°/s ~ 200°/s Preset speed: 300°/s

Tilt Range

-15° ~ +90° (auto reverse)

Tilt Speed

0.1° ~ 200°/s Preset speed: 240°/s



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Number of Presets	1024
Patrol	Up to 16 patrols, up to 32 presets per patrol Note: The total number of patrols and patterns is 16.
Pattern	Up to 16 patterns, with the total recording time not less 15 minutes per pattern

### INTERFACE

Audio I/O	Audio cable Input: impedance 35 k $\Omega$ ; amplitude 2 V [p-p] Output: impedance 600 $\Omega$ ; amplitude 2 V [p-p]
Alarm I/O	2/ 1
Network	1RJ45 10M/100M Base-TX Ethernet
Serial	1 RS485
Video Output	1 BNC

### GENERAL

Power	AC 24V $\pm$ 25%, DC 24V $\pm$ 25%, PoE+ (IEEE802.3 at) Power consumption: Max 25W
Dimensions( $\varnothing$ xH)	$\varnothing$ 227x359.4 mm ( $\varnothing$ 8.9" x 14.2")
Weight	5.3 kg (11.6lb)
Working Environment	-40°C ~ +70°C (-40°F ~ 158°F), Humidity: $\leq$ 95% RH(non-condensing)
Ingress Protection	IP66
Surge protection	6KV
Reset button	Support



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