

## HC-IPC-SD2220SF



NETWORK CAMERA



Wide Dynamic Range



PTZ CAMERA



Human Motion Detection

### Product Features

- 25X 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
- H.265/H.264/MJPEG video compression
- Embedded smart algorithm
- Triple streams
- ONVIF Conformance
- Innovative snow-removing functionality
- More effective heat dissipation system
- Intelligent temperature control technology



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## Specifications:

### CAMERA

Image Sensor	1/2.8", progressive scan, 2.0megapixel, CMOS
Lens	4.5 ~ 112.5 mm (25x optical zoom) , AF automatic focusing and motorized zoom lens
Angle of view(H)	52.01°(Wide)~1.78° (tele)
Shutter	Auto/manual; shutter time 50Hz: 1/1 s ~ 1/25, 000 s 60Hz: 1/1 s ~ 1/30, 000 s
Minimum illumination	Colour: 0.005 lux (F1.5, AGC ON) 0 lux with IR
Iris	Auto/Manual; F1.6 ~ F4.4
Day/Night	IR-cut filter with auto switch (ICR)
Digital noise reduction	2D/3D DNR
S/N	>52dB
IR Range	Up to 150 m (492 ft)
Defog	Digital Defog
WDR	120dB
Digital zoom	16x

### VIDEO

Video Compression	H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile, High Profile
Frame Rate	Main Stream:2MP (1920×1080): Max. 30 fps; Sub Stream: 1.3MP (1280×720):Max. 30 fps; Third Stream: D1 (480×240): Max. 30 fps
Video Bit Rate	128Kbps – 6Mbps
HLC	Supported
BLC	Supported
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas

### PAN&TILT

Pan Range	360° (endless)
Pan Speed	0.1°/s ~ 80°/s Preset speed: 80°/s
Tilt Range	-5° to 90°
Tilt Speed	0.1° ~ 80°/s Preset speed: 80°/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 patterns, Record time over 3 minutes for each patterns



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Scheduled Task	Preset/Patrol/Track/Random Scan/Boundary Scanning /Dome Reboot
<b>SMART</b>	
Image Settings	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
Basic Event	Motion Detection, Video Tampering Detection, Exception
Smart Event	Object Removal Detection, Intrusion Detection, Line Crossing Detection, People Intrusion and People Counting
General Function	Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication
<b>NETWORK</b>	
Protocols	IPv4, IPv6 IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, Bonjour
Compatible Integration	ONVIF (Profile S, G), API
<b>INTERFACE</b>	
Network	1RJ45 10M/100M Base-TX Ethernet
Storage	Built-in Micro SD Card Slot, Up to 256GB
<b>GENERAL</b>	
Power	DC12V $\pm$ 25%, Power consumption: max.18W
Dimensions( $\emptyset$ xH)	$\emptyset$ 173x247 mm ( $\emptyset$ 6.8" x 9.7")
Weight	2.1 kg (4.63lb)
Working Environment	-30°C ~ +60°C (-22°F ~ 140°F) , Humidity: $\leq$ 95%RH(non-condensing)
Ingress Protection	IP66

