

HC-IPC-SD3820SR



Product Features

- ≥ Day/night functionality
- ≥ Smart IR , up to 200m(656ft) IR distance
- ≥ 5MP high quality image
- ≥ (2880x1620) @30fps in the main stream
- ≥ Smart H.265, H.265, H.264, MJPEG
- ≥ Triple streams
- ≥ Smart intrusion prevention, support false alarm filtering, include Line Crossing, Intrusion, Enter Area, Leave Area detection
- ≥ People Counting, support people flow counting and crowd density monitoring, suitable for different statistical scenarios
- ≥ Lighthunter technology ensures ultra-high image quality in low illumination environment
- ≥ AC 24V±25%, DC 24V±25% or PoE+(IEEE 802.3at) power supply
Alarm 2 in and 1 out, Audio 1 in and 1 out
- ≥ IP67 Ingress Protection



Specifications :

CAMERA

Sensor	1 / 2.8", progressive scan, 5.0 megapixel, CMOS
Lens	4.05~162mm, (Optical Zoom 40) AF automatic focusing and motorized zoom
Iris	Auto; F1.5 ~ F4.0
Shutter Speed	Auto, 1 ~ 1/100000s
Day/Night	IR-cut filter with auto switch (ICR)
Wavelength	850nm
IR On/Off Control	Auto/Manual
Minimum Illumination	Color: 0.003Lux (F1.5, AGC ON) 0 Lux with IR
IR	200m(656ft)
WDR	120dB
S/N	>56dB
Digital zoom	16x
Noise Reduction	2D/3D DNR

VIDEO

Video Compression	Smart H.265, H.265, H.264, MJPEG
Frame Rate	Main Stream: 5MP (2880x1620), Max 30fps; Sub Stream: 2MP (1920x1080), Max 30fps; Third Stream: D1 (720x576), Max 30fps;
Video Bit Rate	128 Kbps~16 Mbps
ROI	Up to 8 areas
OSD	Up to 8 OSDs
Privacy Mask	24 areas, up to 4 areas per scene
Smart IR	Support



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Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise 90°Anti-clockwise
White balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
HLC, BLC	Supported
Defog	Digital Defog

SMART

Intelligent Analytics	Support false alarm filtering: Line Crossing detection, Intrusion detection, Enter Area detection, Leave Area detection Support people flow counting and crowd density monitoring Motion detection, Audio detection, Tampering Alarm, Auto Tracking
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication

AUDIO

Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR, NAS(NFS)

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
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Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, operator and common user
Security	Password protection, strong password, HTTPS encryption, Export operation logs, basic and digest authentication for RTSP, digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF

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°/s ~ 200°/s Preset speed: 240°/s
Number of Presets	1024
Preset Patrol	16 patrols, up to 64 presets for each patrol
Route Patrol	16 patrols, up to 32 actions for each patrol
Recorded Patrol	16 patrols, up to 128 actions for each patrol
Patrol Stay Time	15s~1800s
Preset Image Freeze	Support
Home Position	Support



INTERFACE

Audio I/O	1/1
Alarm I/O	2/1
Serial Port	1 RS485
Network	1 x RJ45 10M/100M Base-TX Ethernet
Video Output	1 BNC

GENERAL

Power	AC 24V±25%, DC 24V±25%, PoE+ (IEEE802.3 at) Power consumption: Max 25W
Working Environment	-40°C ~70°C (-40°F ~ 158°F) Humidity: ≤95% RH (non-condensing)
Reset button	Support
Surge protection	6KV
Ingress Protection	IP67

