

## HC-IPC-SD4420SR



### Product Features

- ≥ 2MP STARVIS CMOS, 45X Optical Zoom,
- ≥ Up to 1920x1080 resolution, 60fps
- ≥ Smart IR, up to 250 m (820ft) IR distance
- ≥ Up to 120 dB WDR(Wide Dynamic)
- ≥ Embedded smart algorithm
- ≥ Triple streams
- ≥ Accurate and fast focusing
- ≥ ONVIF Conformance, 15° Elevation Angle
- ≥ More effective heat dissipation system
- ≥ Intelligent temperature control technology
- ≥ 6 KV surge protection designed for network interface



An ISO 9001:2008 Certified Company

## Specifications:

### CAMERA

Sensor	1/2.8", progressive scan, 2.0 megapixel, STARVIS CMOS
Lens	3.95 ~ 177.7 mm (45x optical zoom) , AF automatic focusing and motorized
zoom lens Angle of view(H)	70.3° (wide) ~ 1.8° (tele)
Shutter Speed	Auto/Manual, 1/1s ~ 1/30000 s
Day/Night	IR-cut filter with auto switch (ICR)
Mi. Illumination	Color: 0.001 Lux (F1.6, AGC ON) 0 Lux with IR
Iris	Auto/Manual; F1.6 ~ F4.95
IR	250m (820 ft)
IR LED	6
S/N	55dB
WDR	120dB
Digital zoom	16x
Noise Reduction	2D/3D DNR
Defog	Digital Defog

### VIDEO

Video Compression	Smart H.265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile, High Profile
Frame Rate	Main Stream: 2MP (1920×1080):Max. 60 fps; Sub Stream: D1/CIF- 25/30 fps; Third Stream: 1080p 25/30 fps
HLC	Supported
BLC	Supported
EIS	Supported
ROI	Supported
Privacy Mask	Up to 24 areas
Image Settings:	Rotate Mode, White Balance, Gain Control, Saturation, Brightness, Contrast, Sharpness adjustable & Auto mode



An ISO 9001:2008 Certified Company

## PAN&TILT

Pan Range	360° (endless)
Pan Speed	0.1°/s ~ 240°/s Preset speed: 300°/s
Tilt Range	-20° ~ +90° (auto reverse)
Tilt Speed	0.1° ~ 160°/s Preset speed: 240°/s
Number of Presets	300
Idle Motion	Activate preset/ Scan/ Tour/ Pattern if there is no Command in Specified Period
Patrol	5Pattern, 8Tour, Auto pan, Auto scan
Home Position	Supported
Protocol	Pelco-P/D (Auto Recognition), DH-SD

## SMART

Event Trigger	Motion detection, Video tampering , Scene changing, Network disconnection, IP address conflict, Illegal Access, Storage anomaly
Auto Tracking	Support
IVS	Tripwire, Intrusion, Abandoned/Missing
Motion	Moving within a pre-defined virtual region
Intelligent Identification	Face detection, Heat Map
General Function	Watermark, IP Address Filtering, Tampering Alarm, Access Policy, ARP Protection, RTSP Authentication, User Authentication

## AUDIO

Compression	G.711a/G.711Mu/AAC/G/722/G.726/G.729/MPEG2-L2
-------------	---



An ISO 9001:2008 Certified Company

## NETWORK

Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, IP Filter, QoS, Bonjour
Compatible Integration	ONVIF (Profile S, Profile G), API

## STORAGE

Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR, NAS

## 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	7IN / 2Out
Serial Port	1 RS485
Network	1 RJ45 10M/100MBase-TX Ethernet
Video Output	1 BNC, impedance 75 $\Omega$ ; amplitude 1 V [p-p]

## GENERAL

Power	24 V AC (Default) $\pm 25\%$ , 24 V DC $\pm 25\%$
Power Consumption	16 ~ 56W
Working Environment	-40°C ~ +70°C (-40°F ~ 158°F), Humidity: $\leq 95\%$ RH(non-condensing)
Weight	9.69 kg (21.4 lb)
Dimensions (L x W x H)	$\varnothing 270 \times 496.7$ mm ( $\varnothing 8.9'' \times 14.2''$ )
Ingress Protection	IP67
Vandal Resistance	IK10



An ISO 9001:2008 Certified Company