

HC-IPC-SD4420-X33-EX



Product Features

- 2MP (1920x1080) @30fps
- Support smart H.265/H.264 coding
- Support three streams
- 3D DNR, true WDR, HLC, BLC, Smart IR and ROI coding
- ICR auto switch, true day&night vision
- Stainless Steel 316L material, Explosion proof
- Built-in micro SD card slot, up to 256GB
- DC12V power supply
- Support smart phone, iPad, remote monitoring
- P2P function optional
- Support mobile surveillance by smart phones with iOS and Android OS
- Intelligent analytics



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Specifications:

CAMERA

Image Sensor	1/2.8", progressive scan, 2.0 megapixel, CMOS
Image Size	1920x 1080
Lens	5.5 -180mm, 33x Optical zoom, F1.5-F3.4
Field of View	59.8- 3
Shutter Speed	Auto/Manual, 1/25~1/100000 s
Day/Night	IR-cut filter with auto switch (ICR)
Iris Type	DC Iris
Min. Illumination	Color: 0.005 Lux (F1.5, AGC ON) B/W: 0.0001 Lux (F1.5, AGC ON)
WDR	120dB
Noise Reduction	3D DNR
HLC	Supported
BLC	Supported
Defog	Supported

VIDEO

Video Compression	Smart H.265, H.265+, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile, High Profile
Audio Compression	G.711A/U
Resolution	1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240
Frame Rate	Main Stream: 1080P/720P(1~30fps) Sub Stream: 1080P/ 720P/D1/480 × 240 (1~30fps); Third Stream: 720P/D1/CIF/480 × 240 (1~30fps);
Video Bit Rate	64 Kbps ~ 12 Mbps
ROI	Supported
Privacy Mask	Supported



SMART

Image Settings

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

Intelligent Analysis

Motion detection, video Tampering

General Function

Watermark, IP Address Filtering, image distortion correction
Access Policy, , User Authentication, Video masking

STORAGE

Edge Storage

Micro SD, up to 256 GB

Network Storage

NAS (NFS, SMB/CIFS)

NETWORK

Protocols

UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, ICMP, IGMP,
FTP, PPPoE, DDNS, SMTP,SNMP,HTTP, 802.1x, UPnP, HTTPs,
QoS

Compatible Integration

ONVIF(Profile S, Profile G)

PTZ

Infrared distance

150m

Rotation angle

Horizontal 0~ 360

Vertical -90~ 0



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INTERFACE

Serial Interface

36pin FFC (Network Port, RS485, RS232, SDHC, Alarm In/Out, Line In/out, Power)

GENERAL

Material

Stainless Steel 316L

Power

DC12V+ 25%

Power consumption: Max 4.5W, 2KV Surge Protection

Working Environment

-40°C to 60°C

Humidity ≤ 100% RH(non-condensing)

Ingress Protection

IP68

Dimensions (L x W x H)

430 x 185 x 180

Explosion-Proof Protection

TEX: II 2G Ex db IIc T6 Gb/ II 2D Ex tb IIIC T800c Db IP68

IECEX: Ex db IIc T6 Gb /Ex tb IIIC T800C Db IP68 ;

For explosive gas atmospheres, the maximum surface temperature is 850C; For flammable dust atmospheres, the maximum surface temperature is 800C; IIC: for explosive gas atmospheres other than mines susceptible to firedamp ; For explosive gas mixture atmospheres: Zone 1, Zone 2, Zone 21, Zone 22.



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