

HC-IPC-DS8800N3-AL



Product Features

- ≥ H.265+/H265/H.264+/H264/ MJPEG coding
- ≥ Max. resolution: 3840 × 2160
- ≥ 30m IR or white light range
- ≥ 3D DNR, true WDR, HLC, BLC, Defog and ROI coding
- ≥ 1CH audio input; 1CH audio output
- ≥ 1CH built-in speaker; 1CH built-in microphone
- ≥ Built-in micro SD card slot, up to 256GB
- ≥ DC12V/PoE power supply
- ≥ Support three streams
- ≥ Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- ≥ Intelligent analytics
- ≥ Blue and red light warning (flashing alternately)
- ≥ Support user-defined warning voice import
- ≥ IP66 Ingress Protection



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Specifications :

CAMERA

Image Sensor	1 / 1.8" CMOS
Image Size	3840 × 2160
Electronic Shutter	1 / 1 s ~ 1 / 100000s
Iris Type	Fixed Iris
Min. Illumination	0.008lux@F1.6, AGC ON, 0 lux with IR, 0 lux with LED
Lens	2.8 mm@F1.6, H.FoV: 109°; 3.6 mm@F1.6, H.FoV: 88°;
Focus	Fixed
Lens Mount	M12
Wide Dynamic Range	120dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	2D/3D DNR
S/N Ratio	≥50dB
Angle Adjustment	Pan: 0°~360°; Tilt: 0°~90°; Rotation: 0°~360°

VIDEO

Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline profile, Main Profile, High Profile
Resolution	8MP (3840×2160), 6MP (3072×2048), 5MP (2592×1944), 4MP (2592×1520), 2K (2560×1440), 3MP (2304×1296), 1080P (1920×1080), 720P (1280×720), D1, VGA (640×480), CIF, 480 ×240
Main Stream	8MP/6MP/5MP/4MP/2K/3MP/1080P/720P (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)
Sub Stream	1080P/720P/D1/VGA/CIF (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)



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Third Stream	D1/VGA/CIF/480×240 (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~ 12 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Flip, Image Mirror, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately

INTERFACES

Network	RJ 45 10M/100M self-adaptive Ethernet port
Audio	1CH audio input; 1CH audio output; 1CH built-in speaker; 1CH built-in microphone
Alarm	1CH alarm input; 1CH alarm output
Storage	Built-in micro SD card slot; up to 256GB
Reset	Yes

FUNCTIONS

Remote Monitoring	Web Client/NVR/ Mobile APP
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, RTMP, HTTP, 802.1x, UPnP, HTTPS, HTTP POST, QoS
Interface Protocol	ONVIF
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, sensor alarm, SD card error, SD card full, IP address conflict, Cable connection



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General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction
PoE	Yes, IEEE802.3af
Supplement light Range	IR range: 30 m White light range: 30 m
Ingress Protection	IP66

SMART

Intelligent Analysis	Scene change detection, video blur detection, abnormal color detection, Line crossing detection (human/vehicle classification); Region intrusion/ entrance/exiting detection (human/vehicle classification), Face detection and face capture, abandoned/missing object detection; heat map; target counting by line/area, heat map
Sound & Light Warning	Yes

GENERAL

Power Supply	DC12V/PoE
Power Consumption	< 12.5W
Storage Conditions	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non - condensing)
Operating Condition	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non - condensing)
Dimensions (mm)	Ø111.5 × 99.6
Weight (net)	Approx. 0.64KG



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