

HC-IPC-D4212DU-0280



Product Features

- ≥ H.265+ /H.265 /H.264+ /H.264/MJPEG coding
- ≥ Max. resolution: 3MP (2304x1296)
- ≥ Auto day/night switch
- ≥ 3D DNR, WDR, HLC, BLC, etc.
- ≥ ROI coding
- ≥ Support smart supplement light
- ≥ 10~20m white light view distance; 20~30m IR view distance
- ≥ PoE power supply
- ≥ Support dual streams
- ≥ Support remote monitoring by smart phones& tablet
PCs with iOS and Android OS
- ≥ Support line crossing detection & region intrusion detection
- ≥ Support SMD
- ≥ Support P2P function
- ≥ Support dual-system backup
- ≥ IP 67 Ingress Protection



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Specifications :

CAMERA

Sensor	1 / 3" CMOS
Image Size	2304×1296
Electronic Shutter	1 / 3s ~ 1 / 100000s
Iris Type	Fixed Iris
Min. Illumination	0.02 lux @F2.0, AGC ON; 0 lux (Illumination on)
Lens	2.8mm @F2.0
Angle of view (H)	90°
Focus	Fixed
Lens Mount	M12
Day & Night	ICR
Wide Dynamic Range	Digital WDR
BLC	Supported
HLC	Supported
Defog	Supported
Digital NR	Supported
S/N Ratio	≥50Db
Angle Adjustment	Pan: 0°~360°; Tilt:0°~80°; 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
H.265 Compression Standard	Main Profile@Leve4.1 High Tier
Resolution	3MP (2304×1296), 1080P (1920×1080), 720P (1280×720), D1, 640×360, VGA (640×480), 480×240, CIF
Main Stream	3MP/1080P/720P (60Hz: 1~30fps; 50Hz: 1~25fps)



Sub Stream	D1/640×360/VGA/480× 240/CIF (60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate	32 Kbps ~ 4 Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A/U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately

INTERFACES

Network	RJ45 (10/100 Base-T)
Audio	1CH built-in MIC

FUNCTIONS

Remote Monitoring	Web browser /NVR/NVMS2.X/Mobile APP
Online Connection	Support simultaneous monitoring for up to 3 users; Support multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTMP, DDNS, 802.1x, HTTP, QoS, P2P
Interface Protocol	ONVIF
API & SDK	Supported
Storage	Network remote storage
Motion Detection	Support smart motion detection; filtering motion alarm triggered by other target types except people
Smart Alarm	White light alarm triggered by smart events, IP conflict, network disconnected
Smart Event	(People) region intrusion/line crossing detection
General Function	Watermark, video mask, heartbeat, one-click disarming



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Security

Video encryption, firmware encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP

PoE

Yes, IEEE802.3af

Supplement Light Range

IR range: 20 ~ 30 m; white light range: 10 ~ 20 m

GENERAL

Power Supply

PoE power supply

Power Consumption

< 5W

Operating Environment

- 20 °C ~ 55 °C (-4°F~131°F);

Humidity: less than 95 % (non-condensing)

Dimensions (mm)

Φ 94.8 × 82.8

Weight (net)

Approx. 0.28KG

Ingress Protection

IP67



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