HC-IPC-D4212DU-VF-X

Product Features

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- Up to 120 dB WDR (Wide Dynamic Range)
- 2D/3D DNR (Digital Noise Reduction)
- Smart H.265, H.265, H.264, MJPEG
- Triple streams
- ROI (Region of Interest)
- Customized OSD
- ONVIF Conformance
- 3-Axis
- Wide temperature range: -35°C ~ 60°C (-31°F ~ 140°F)
- Wide input voltage range of ±25%
- IP67 Ingress Protection
- IK10 vandal resistant

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*Design and specification are subject to change without notice

Specifications :

CAMERA

Sensor	1 / 2.8", 2.0megapixel, Progressive Scan, CMOS
Lens	2.8mm @F1.6 / 3.6 mm @F1.6
Iris	Fixed
Shutter Speed	Auto/Manual, 1 ~ 1/100000s
Day/Night	IR-cut filter with auto switch (ICR)
IR On/Off Control	Auto/Manual
Minimum Illumination	Colour: 0.003 Lux (F2.0, AGC ON)
IR	Up to 30m(98ft) IR range
WDR	120dB
S/N	>52dB
Noise Reduction	2D/3D DNR
Digital zoom	16x
Angle of View (H)	112.7°

VIDEO

Video Compression	Smart H.265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Profile 1: 2MP (1920x1080), Max 30fps;
	Profile 2: 2MP (1920x1080), Max 30fps;
	Profile 3: D1 (720x576), Max 30fps
Video Bit Rate	128 Kbps~16 Mbps
Video Stream	Triple streams
9:16 Corridor Mode	Supported
OSD	Up to 4 OSDs
ROI	Up to 4 areas
Motion Detection	Up to 4 areas
Privacy Mask	Up to 4 areas
White balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Smart IR	Support
HLC	Support

BLC	Support
Defog	Digital Defog

SMART

Intelligence Analysis	Line Crossing detection, Intrusion detection,
Basic Detection	Motion detection, Tampering alarm, Audio detection
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, User Authentication

AUDIO

Audio Compression	G.711
Suppression	Supported
Sampling Rate	8 KHZ
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR, NAS (NFS)

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, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API

INTERFACE

Network	1 x RJ45 10M/100M Base-TX Ethernet
Audio I/O	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]

GENERAL

Power	DC12V ±25%, PoE (IEEE 802.3af) Power consumption: Max 4 W
Working Environment	-35℃~60℃ (-31°F ~ 140°F) Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Ingress Protection	IP67
Vandal Resistant	IK10

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