

HC-IPC-D4312DZ-VF



Product Features

- ≥ Day/night functionality
- ≥ Smart IR , up to 30 m (98 ft) IR distance
- ≥ Up to 120 dB Optical WDR(Wide Dynamic Range)
- ≥ 2D/3D DNR (Digital Noise Reduction), Lowlight surveillance
- ≥ Smart H.265, H.264, MJPEG
- ≥ Embedded smart algorithm
- ≥ Triple streams
- ≥ ROI(Region of interest)
- ≥ 9:16 corridor mode
- ≥ ONVIF
- ≥ Support PoE power supply, Built-in PoE splitter that outputs DC 12V
- ≥ Wide temperature range: -35°C to 60°C (-31°F to 140°F)
- ≥ Wide voltage range of ±25%
- ≥ IP67, IK10



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Specifications:

CAMERA

Sensor	1/2.8", progressive scan, 2.0 megapixel, CMOS
Lens	2.8~12mm@F1.6, AF automatic focusing and motorized zoom lens
Angle of view(H)	94.0° ~ 28°
Angle of view(V)	56.7° ~ 14.4°
Shutter Speed	Auto/Manual, 1 ~ 1/100000s
Day/Night	IR-cut filter with auto switch (ICR)
Mi. Illumination	Colour: 0.002Lux (F1.2, AGC ON) 0Lux with IR
IR	30m (98 ft)
S/N	> 52dB
WDR	120dB
AWB (Auto white balance)	Auto/Natural/Street Lamp/Outdoor/Manual
Digital zoom	16x
Noise Reduction	2D/3D DNR
HLC	Supported
BLC	Supported
Defog	Digital Defog

VIDEO

Video Compression	Smart H.265, 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. 30 fps; Sub Stream: 2MP (1920×1080): Max. 30 fps; Third Stream: D1 (720×576): Max. 30 fps
Video Bit Rate	128Kbps-16Mbps
OSD	Up to 8 OSDs
Motion Detection	Up to 4 areas
ROI	Up to 8 areas
9:16 Corridor Mode	Supported
Privacy Mask	Up to 8 areas



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AUDIO

Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8 KHZ

SMART

Behavior Detection	Intrusion, crossing line, motion detection
Intrusion	Enter and loiter in a pre-defined virtual region
Cross Line	Cross a pre-defined virtual line
Motion	Moving within a pre-defined virtual region
Intelligent Identification	Face detection, Defocus, Scene Change, Object Left, Object Moving
Statistical Analysis	People counting
Exception Detection	Audio detection
General Function	Watermark, IP Address Filtering, Tampering Alarm, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Image Settings:	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser

STORAGE

Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR, NAS (Network Attached Storage), micro-SD card storage

NETWORK

Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, UPnP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G), API
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below, Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+

INTERFACE

Audio I/O	Audio cable Input: impedance 35 kΩ; amplitude 2 V [p-p]
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Alarm I/O	Output: impedance 600 Ω; amplitude 2 V [p-p] 1/ 1
Network	1 RJ45 10M/100MBase-TX Ethernet
Video Output	CVBS output (BNC × 1)

GENERAL

Power	12 V DC±25%, PoE (IEEE802.3 af) Power consumption: Max 7.2 W
Working Environment	-35°C to 60°C (-31°F to 140°F), Humidity ≤ 95% RH(non-condensing)
Surge protection	6KV
Ingress Protection	IP67
Vandal Resistance	IK10
Weight	0.92kg
Dimensions	Φ148 x 111.3mm (Ø5.8" x 4.4")
Reset Button	Supported



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