

HC-IPC-D4312DZU-VF



Product Features

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



An ISO 9001:2008 Certified Company

Specifications:

CAMERA

Sensor	1/2.8", 2-megapixel, progressive scan CMOS
Lens	2.8mm, 4mm Optional @F1.6
Angle of view(H)	112.7° @2.8mm , 86.8°@4mm
Shutter Speed	Auto/Manual, 1 ~1/100000 s
Day/Night	IR-cut filter with auto switch (ICR)
Min illumination	Color: 0.003 Lux (F2.0, AGC ON) 0 Lux with IR on
S/N	> 52dB
WDR	120dB
Noise Reduction	2D/3D
Digital Zoom	16x
AWB (Auto white balance)	Auto/Natural/Street Lamp/Outdoor/Manual

VIDEO

Max. Resolution	1920×1080
Video Compression	H.265+(Smart Encode), H.265, H.264, MJPEG
Frame Rate	Main Stream: 2MP (1920x1080), Max 30fps; Sub Stream: 2MP (1920x1080), Max 30fps; Third Stream: D1 (720x576), Max 30fps
9:16 Corridor Mode	Supported
ROI	Supported
Video Streaming	Triple
Video Bit Rate	32kbps-16mbps
OSD	Up to 8 OSDs
Privacy Mask	Up to 8 areas

SMART

Image Settings	Rotate Mode, Saturation, Brightness, Contrast, Sharpness adjustable by client software or web browser
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Behavior Detection

Intrusion, crossing line, motion detection, alarm detection and video tampering

General Function

Watermark, IP Address Filtering, Tampering Alarm, Access Policy, ARP Protection, RTSP Authentication, User Authentication

STORAGE

Edge Storage

Micro SD, up to 256 GB

Network Storage

ANR

NETWORK

Protocols

IPv4, IPv6, IGMP, ICMP, ARP, TCP/IP, UDP, DHCP, PPPoE, RTP, RTSP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SNMP, 802.1x, QoS

Compatible Integration

ONVIF (Profile S, Profile G, Profile T), API

INTERFACE

Network

1 RJ45 10M/100M Base-TX Ethernet

Audio I/O

Input: impedance 35kΩ; amplitude 2V [p-p]

Output: impedance 600Ω; amplitude 2V [p-p]

Alarm I/O

1/1

GENERAL

Power

12 V DC, or PoE (IEEE802.3af)

Power consumption: Max 4 W

Dimensions (L x W x H)

Φ108.5 x 81 mm (Ø4.28" x 3.2")

Weight

0.45 kg (0.99 lb)

Working Environment

-35°C ~ +60°C (-31°F ~ 140°F), Humidity ≤ 90% RH(non-condensing)

Surge protection

2KV

Ingress Protection

IP67

Vandal Resistant

IK10



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