

## HC-IPC-D4312DZ-VF



### Product Features

- ≥ Day/night functionality
- ≥ Smart IR, up to 30m (98ft) IR distance
- ≥ Up to 120 dB Optical WDR (Wide Dynamic Range)
- ≥ 2D/3D DNR (Digital Noise Reduction)
- ≥ Built-in motorized lens for remote zoom
- ≥ Smart H.265, H.265, H.264, MJPEG
- ≥ Triple streams
- ≥ ROI (Region of Interest)
- ≥ 9:16 corridor mode
- ≥ ONVIF Conformance
- ≥ Support PoE power supply
- ≥ Built-in PoE splitter that outputs DC 12V
- ≥ Wide temperature range: -40°C ~ 60°C (-40°F ~ 140°F)
- ≥ Wide voltage range of ±25%
- ≥ IP67 Ingress Protection
- ≥ IK10 Vandal Resistant



An ISO 9001:2008 Certified Company

## Specifications :

### CAMERA

Sensor	1 / 2.8", 2.0megapixel, Progressive Scan, CMOS
Lens	2.8~ 12mm, AF automatic focusing and motorized zoom lens
Iris	Auto/Manual Iris
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: 0.002 Lux (F1.6, 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)	94.0° ~ 28°

### 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: 720P (1280x 720), Max 30fps; Profile 3: D1 (720x576), Max 30fps
Video Bit Rate	128 Kbps~16 Mbps
Video Stream	Triple streams
9:16 Corridor Mode	Supported
ROI	Up to 4 areas
Motion Detection	Up to 4 areas
OSD	Up to 4 OSDs
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

### AUDIO

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

### SMART

Intelligence Analysis	Line Crossing detection, Intrusion detection, Missing object detection, Object left detection
Basic Detection	Motion detection, Tampering alarm

### 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

### STORAGE

Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR, NAS (NFS)

### INTERFACE

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



**GENERAL**

Power	DC12V $\pm$ 25%, PoE (IEEE 802.3af) Power consumption: Max7.2W
Working Environment	-40°C~60°C (-40°F ~ 140°F) Humidity: $\leq$ 95% RH (non-condensing)
Reset Button	Supported
Surge Protection	6KV
Ingress Protection	IP67
Vandal Resistant	IK10

