

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



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Specifications :

CAMERA

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|----------------------|--|
| 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

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|--------------------|--|
| 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 |
| 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 |



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|----------|---------------|
| Smart IR | Support |
| HLC | Support |
| BLC | Support |
| Defog | Digital Defog |

AUDIO

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

SMART

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| 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 |

NETWORK

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|------------------------|--|
| 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

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

INTERFACE

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|-----------|---|
| 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 |



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GENERAL

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|---------------------|--|
| 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 |



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