

HC-IPC-D4215DA-0280



Product Features

- ≥ Day/night functionality
- ≥ Smart IR , up to 30 m (98 ft) IR distance
- ≥ Up to 120 dB WDR (Wide Dynamic Range)
- ≥ 2D/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 ~ 60°C (-31°F ~ 140°F)
- ≥ Wide input voltage range of ±25%
- ≥ IP67, IK10



An ISO 9001:2008 Certified Company

Specifications:

CAMERA

Sensor	1/2.0", progressive scan, 8.0 megapixel, CMOS
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens
Angle of view(H)	114.8° ~ 47.3°
Shutter Speed	Auto/Manual, 1~1/100000 s
Day/Night	IR-cut filter with auto switch (ICR)
Min illumination	Color: 0.001 Lux (F1.5, AGC ON) 0 Lux with IR
IR	30m(98ft) IR Range
S/N	> 52dB
WDR	120dB
Defog	Digital Defog
Noise Reduction	2D/3D
Digital Zoom	16x
AWB (Auto white balance)	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2

VIDEO

Video Compression	H.265+(Smart Encode), H.265, H.264, MJPEG
Frame Rate	Main Stream: 8MP (3840x2160), Max 20fps; 5MP (2592x1944), Max 30fps; 5MP (2944x1656), Max 30fps; 4MP (2560x1440), Max 30fps; 2MP (1920x1080), Max 30fps Sub Stream: 2MP (1920x1080): Max. 30 fps; Third Stream: D1(720x576): Max. 30fps
Video Bit Rate	128kbps-16mbps
9:16 Corridor Mode	Supported
BLC	Supported
HLC	Supported
OSD	Up to 8 OSDs



An ISO 9001:2008 Certified Company

Privacy Mask Up to 8 areas
 ROI Up to 8 areas
 Motion Detection Up to 4 areas

SMART

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

AUDIO

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

STORAGE

Edge Storage Micro SD, up to 256 GB
 Network Storage ANR, NAS(Network Attached Storage) Local PC for instant recording

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



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+

AUDIO

Audio I/O

Input: impedance 35k Ω ; amplitude 2V [p-p]
Output: impedance 600 Ω ; amplitude 2V [p-p]
1/1

Alarm I/O

Video Output

1 BNC, impedance 75 Ω ; amplitude 1V [p-p]

Network

1 RJ 45 10M/100M Base-TX Ethernet

GENERAL

Power

12 V DC \pm 25%, PoE (IEEE802.3 af)

Power consumption: Max 8W

Working Environment

-40 $^{\circ}$ C ~ +60 $^{\circ}$ C (-40 $^{\circ}$ F ~ 140 $^{\circ}$ F), Humidity \leq 90% RH(non-condensing)

Surge Protection

6KV

Ingress Protection

IP67

Vandal Resistance

IK10

Dimensions (\varnothing x H)

\varnothing 148 x 111.3 mm (\varnothing 5.8" x 4.4")

Weight

0.82 kg (1.8 lb)



An ISO 9001:2008 Certified Company