

HNC3I141T-IR-ZAS

4MP Lite AI IR Vari-Focal Bullet Network Camera



With advanced deep learning algorithm, Diamond Lite AI series network camera supports some intelligent functions, such as perimeter protection and smart motion detection. It adopts starlight solution, which makes a better image effect in low illuminance.



MODEL(S) AVAILABLE

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KEY FEATURES

- ▶ 4MP, 1/2.7" CMOS image sensor, low illuminance, high image definition
- ▶ Outputs max. 4MP (2688 × 1520) @ 30 fps
- ▶ H.265 codec, high compression rate, low bit rate
- ▶ Built-in IR LED, max. IR distance: 197 ft (60 m)
- ▶ ROI, SMART H.264+/H.265+, flexible coding, applicable to various bandwidth and storage environments
- ▶ Rotation mode, WDR, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- ▶ Intelligent detection: Intrusion, Tripwire
- ▶ Alarm: In, out; Audio: In, out
- ▶ Supports max. 256 GB Micro SD card
- ▶ 12 V DC/POE power support
- ▶ IP67, IK10 (Optional) protection
- ▶ SMD

Product Specifications

Camera

Image Sensor	1/1.2.7" 4MP Progressive CMOS
Image Resolution	2688 (H) × 1520 (V)
ROM	128 MB
RAM	512 MB
Electronic Shutter	Auto/Manual 1/3 s ~ 1/100,000 s
Minimum Illumination	0.005 Lux @ F1.5
S/N Ratio	N/A
IR LEDs	4
IR Distance	197 ft (60 m)
IR On/Off Control	Auto / Manual
Lens Type	Motorized vari-focal
Focal Length	2.7 ~ 13.5 mm
Angle of View	Horizontal: 104° ~ 27°
	Vertical: 55° ~ 15°
	Diagonal: 124° ~ 31°
Max. Aperture	F1.5
Close Focus Distance	2.6 ft (0.8 m)
Pan / Tilt / Rotation	N/A

Intelligent

Perimeter Protection	Tripwire; Intrusion (Recognition of human and vehicle)
Intelligent Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos

Video Standard

Video Compression	H.265 / H.264 / H.264H / H.264B / MJPEG
Smart Codec	Smart H.265 / Smart H.264
Video Frame Rate	Main stream: 2688 × 1520 @ 1~25/30 fps
	Sub stream: 704 × 576 @ 1~25/30 fps
	Third stream: 1280 × 720 @ 1~25/30 fps
Streaming Capability	3 Streams
Video Resolution	4M (2688 × 1520); 3M (2304 × 1296); 1080P (1920 × 1080); 1.3M (1280 × 960); 720P (1280 × 720); D1 (704 × 576 / 704 × 480); VGA (640 × 480); CIF (352 × 288 / 352 × 240)
Bit Rate Control	CBR; VBR
Video Bitrate	H264: 3 Kbps ~ 8192 Kbps H265: 3 Kbps ~ 8192 Kbps
Day / Night	Auto (ICR)
BLC Mode	Yes
HLC Mode	N/A
Wide Dynamic Range	120 dB true WDR
White Balance	Auto / Natural / Street Lamp / Outdoor / Manual / Regional Custom
Gain Control	Auto / Manual
Digital Noise Reduction	3D DNR
Motion Detection	On / Off (4 areas, rectangular)
Region of Interest (ROI)	4
Smart Illumination	Yes
Mirror	Yes

Privacy Masking	Yes (4 areas)
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 × 1560 resolution and lower)

Network & Interface

Ethernet	RJ-45 (10/100 Base-T)
SDK and API	N/A
Network Protocol	HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; SNMP; QoS; UPnP; NTP
Network Interoperability	ONVIF (Profile S/Profile G); CGI; P2P
Scene Self-adaptation	Yes
Streaming Method	N/A
Network Max. Users	20 (Total bandwidth: 64 M)
Storage	FTP; Micro SD Card Slot (support max. 256 GB)
Web Viewer	IE / Chrome / Firefox
Management Software	NVR / DSS / DMSS / IVSS
Mobile	iOS / Android
BNC	N/A
Audio I/O	1/1, RCA port
Alarm I/O	1/1
Audio Compression	G.711a; G.711Mu; G726; AAC
RS485	N/A
Built-in MIC	N/A

General

Power Supply	12 V DC / PoE
Power Consumption	< 9.8 W
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F) / ≤ 95% RH
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Protection	IP67
Casing	Metal
Dimensions (L × W × H)	244.1 mm × 79.0 mm × 75.9 mm (9.6" × 3.1" × 3.0")
Net Weight	820 g (1.8 lb)
Gross Weight	1090 g (2.4 lb)
Certifications	CE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07

Product Specifications

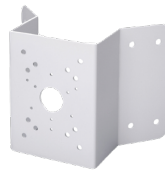
Product Accessories



PFA122



PFA152-E



PFA151

Product Dimensions (mm [inch])

