

HNC3V341TM-IRAS-S2/28

4MP WDR IR Eyeball Network Camera



With upgraded H.265 encoding technology, this Diamond series camera has efficient video encoding capacity, which saves bandwidth and storage space. This camera adopts the latest starlight technology and displays better colorful image in the environment of low illumination. It supports SD card storage, waterproof function, dust proof function, complying to the standards of IP67.



MODEL(S) AVAILABLE

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KEY FEATURES

- ▶ 4MP, 1/3" CMOS image sensor, low illuminance, high image definition
- ▶ Outputs 4MP (2560 × 1440) @ 25/30fps, Max. supports 4MP (2688 × 1520) @ 20 fps
- ▶ H.264/H.265 encoding, high compression ratio, low bit rate
- ▶ Built-in IR LED, max IR distance: 98ft (30m)
- ▶ Rotation mode, WDR, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- ▶ Intelligent detection: Intrusion, tripwire
- ▶ Abnormality detection: Motion detection, video tampering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, voltage detection
- ▶ Max. 256 GB SD card and built-in MIC
- ▶ 12V DC/POE power support
- ▶ IP67 protection

Product Specifications

Camera				
Image Sensor	1/3" CMOS			
Image Resolution	2688 (H) × 1520 (V)			
ROM/RAM	128MB / 128MB			
Scanning System	Progressive			
Electronic Shutter	Auto / Manual, 1/3s ~ 1/100,000s			
Minimum Illumination	0.008 Lux @ F1.6			
IR LEDs	2 (IR LED)			
IR Distance	Distance up to 98ft (30m) (IR)			
IR On/Off Control	Auto / Manual			
Lens Type	Fixed-focal			
Iris Type	Fixed			
Mount Type	M12			
Focal Length	2.8mm			
Angle of View	2.8mm: Horizontal: 102° ; Vertical: 55° ; Diagonal: 121°			
Max. Aperture	F1.6			
Day / Night	ICR switch			
Close Focus Distance	2.8mm: 0.9m (2.95ft)			
Pan / Tilt / Rotation	Pan:0°~360°; Tilt:0°~78°; Rotation:0°~360°			
DORI Distance	Detect	Observe	Recognize	Identify
	56m (183.73ft)	22.4m (73.49ft)	11.2m (36.75ft)	5.6m (18.37ft)

Compression Standards	
Video Compression	H.265 / H.264 / H.264B / MJPEG
Smart Codec	Smart H.264 / Smart H.265
Streaming Capability	Main stream; sub stream
Video Frame Rate	50Hz Main Stream: 2560 × 1440 @ 25fps Sub Stream: 704 × 576 @ 25fps Main Stream: 2688 × 1520 @ 20fps Sub Stream: 704 × 576 @ 20fps
	60Hz Main Stream: 2560 × 1440 @ 30fps Sub Stream: 704 × 480 @ 30fps Main Stream: 2688 × 1520 @ 20fps Sub Stream: 704 × 480 @ 20fps
Video Resolution	2688×1520 (2688×1520) / 2560×1440 (2560×1440) / 2304×1296 (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)
Video Bitrate	H.264: 32Kbps~6144Kbps H.265: 12Kbps~6144Kbps
Bitrate Control	CBR / VBR

Image and Feature Support	
BLC Mode	Yes
WDR	120dB
White Balance	Auto / Natural / Street Lamp / Outdoor / Manual / Regional / Custom
Gain Control	Auto / Manual
Digital Noise Reduction	3D DNR
Motion Detection	Off / On (4 areas, rectangle)

Region of Interest	Yes (4 areas)
Smart IR	Yes
Mirror	Yes
Privacy Masking	Yes (4 Areas)
Image Rotation	0° / 90° / 180° / 270° (Supports 90°/270° with 1080p resolution.)
Audio Compression	G.711a; G.711Mu; G.726; AAC
Built-in MIC	Yes

Intelligent	
IVS	Intrusion; tripwire

Network & Interface	
Ethernet	RJ-45 (10/100 Base-T)
Network Protocol	HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMP
Network Interoperability	ONVIF (Profile S/G); CGI; Milestone; Genetec
Network Max. Users	20
Storage	Cloud; FTP; Micro SD Card (support max. 256 GB); NFS
Web Viewer	IE, Chrome, Firefox
Management Software	Smart PSS, DSS, DMSS
Mobile	IOS, Android
Certifications	CE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL: UL60950-1 CAN

General	
Power Supply	12V DC / PoE
Power Consumption	Basic power consumption: 2.1W (12V DC), 2.5W (POE) Max power consumption (H.265, Max resolution, Max stream, WDR, IR full intensity, IVS): 5.7W (12V DC), 6.6W (POE)
Operating Temperature	-40 ~ 60°C (-40 ~ 140°F) / Less than 95% RH
Storage Temperature	-40 ~ 60°C (-40 ~ 140°F) / Less than 95% RH
Protection	IP67
Casing	Metal + Plastic
Dimensions	100.9mm × φ109.9mm (3.97" × φ4.33")
Net Weight	0.39kg (0.86lb)
Gross Weight	0.52kg (1.15lb)

Product Accessories



PFA152-E



PFB203W



PFA137

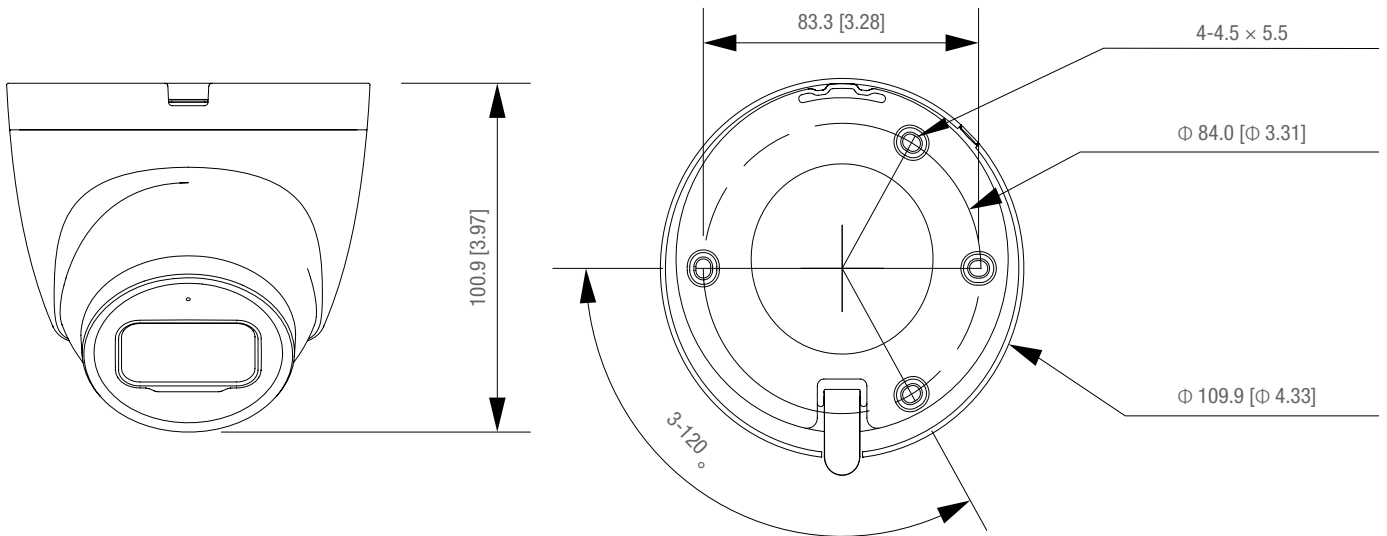


PFB220C



PFA106

Product Dimensions (mm [inch])



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