

## HNC3V281E-IRS-S2/28

8MP Lite IR Fixed-focal Dome Network Camera

**4K**  
ULTRA HD



With upgraded H.265 encoding technology, the ENS 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 storage, waterproof function, dust-proof function and tamper-proof function, complying to the standards of IP67 and IK10.



### MODEL(S) AVAILABLE

28

### KEY FEATURES

- ▶ 8MP, 1/2.7" CMOS image sensor, low illuminance, high image definition
- ▶ Outputs max. 8MP (3840 × 2160) @ 15 fps, max. supports 4MP (2688 × 1520) @ 25/30 fps
- ▶ H.265 codec, high compression rate, ultra-low bit rate
- ▶ Built-in LED, max. IR distance: 98 ft (30 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
- ▶ Supports 256 GB Micro SD card
- ▶ 12 V DC / PoE power supply
- ▶ IP67, IK10 protection

## Product Specifications

Camera	
Image Sensor	1/2.7" 8MP Progressive CMOS
Image Resolution	3840 (H) × 2160 (V)
ROM	128 Mb
RAM	256 Mb
Electronic Shutter	Auto/Manual 1/3 s ~ 1/100,000 s
Minimum Illumination	0.009 Lux @ F2.0
S/N Ratio	N/A
IR LEDs	3
IR Distance	98 ft (30 m)
Lens Type	Fixed-focal
Focal Length	2.8 mm
Angle of View	Horizontal: 105°
	Vertical: 56°
	Vertical: 125°
Max. Aperture	F2.0
Close Focus Distance	3.3 ft (1.0 m)
Pan / Tilt / Rotation	Pan: 0°~355° / Tilt: 0°~65° / Rotation: 0°~355°

Video Standard	
Video Compression	H.265 / H.264 / H.264B / MJPEG
Smart Codec	Smart H.265 / Smart H.264
Video Frame Rate	<b>Main stream:</b> 3840×2160 @ 15 fps / 2688×1520 @ 25/30 fps
	<b>Sub stream:</b> 704×576 @ 25 fps / 704×480 @ 30 fps
Streaming Capability	2 Streams
Video Resolution	4K (3840 × 2160); 3072 × 2048; 3072 × 1728; 2592 × 1944; 2688 × 1520; 3M (2048 × 1536); 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: 32 Kbps ~ 8192 Kbps H265: 12 Kbps ~ 8192 Kbps
Day / Night	Auto (ICR); Color; B/W
BLC Mode	Yes
HLC Mode	Yes
Wide Dynamic Range	120 dB ture 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	4
Smart Illumination	Yes
Defog	N/A
Exposure Mode	N/A
Mirror	Yes
Privacy Masking	Yes
Image Rotation	0°/90°/180°/270° (Supports 90°/270° with 2688 × 1520 resolution.)

Network & Interface	
Ethernet	RJ-45 (10/100 Base-T)
SDK and API	N/A
Network Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; 802.1x; Bonjour
Network Interoperability	ONVIF (Profile S/G/T); CGI; P2P; Milestone; Genetec
Streaming Method	N/A
Network Max. Users	20
Storage	FTP; SFTP; NAS Micro SD Card Slot (support max. 256 GB);
Storage	FTP; SFTP; NAS Micro SD Card Slot (support max. 256 GB)
Web Viewer	IE / Chrome / Firefox
Management Software	Smart PSS / DSS / DMSS
Mobile	iOS / Android
BNC	N/A
Audio I/O	N/A
Alarm I/O	N/A
Audio Compression	N/A
RS485	N/A
Built-in Mic	N/A

Video Intelligent	
IVS	Intrusion, Tripwire

General	
Power Supply	12 V DC / PoE (802.3af)
Power Consumption	< 6.2W
Operating Temperature	-40°C ~ 60°C (-40°F ~ 140°F) / ≤ 95% RH
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Protection	IP67, IK10
Casing	Metal
Dimensions	81 mm × ø 109.9 mm (3.19" × ø 4.33")
Net Weight	350 g (0.77 lb)
Gross Weight	491 g (1.08 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



PFA137



PFB203W



PFA152-E



PFA106



PFB220C

### Product Dimensions ( mm [inch] )

