



HNC328N-VDUZ

8MP Dual Light Varifocal Dome

NDA COMPLIANT | **FCC** CERTIFIED

- 8MP resolution (3840 × 2160)
- Dual light: IR + white light, up to 200 ft
- Smart analytics: line crossing, intrusion
- Motorized vari-focal 2.7 mm to 13.5 mm lens, 114° to 32° field of view
- IP67 / IK10 rated housing

[See compatible mounts on page 2](#)

Specifications

CAMERA

Image Sensor	1/2.7-in. 8MP Progressive CMOS
Maximum Resolution	3840 × 2160
Minimum Illumination	Color: 0.007 Lux at F1.6 Black/White: 0.0007 Lux at F1.6 0 Lux With IR Light On
Number of Illuminators	Four (4) White-Light LEDs, Four (4) IR LEDs
Illuminator Control	Automatic, Manual, Zoom Priority
Maximum Illumination Distance	IR: Up to 61.0 m (200.0 ft) White Light: Up to 61.0 m (200.0 ft)
Electronic Shutter Speed	Automatic, Manual 1/3 s to 1/100,000 s
Installation Angle	Pan/Rotation: 0° to 35° Tilt: 0° to 80°
S/N Ratio	> 56 dB

LENS

Iris Type	Fixed
Lens Type	Motorized Vari-Focal
Focal Length	2.7 mm to 13.5 mm
Maximum Aperture	F1.5
Field of View	Horizontal: 114° to 32° Vertical: 58° to 17° Diagonal: 138° to 36°
Close Focus Range	0.8 m (2.6 ft)
DORI Distance	Detect: 85.0 m to 279.5 m (278.9 ft to 917.0 ft) Observe: 33.9 m to 111.8 m (111.22 ft to 366.80 ft) Recognize: 16.9 m to 55.8 m (55.45 ft to 183.07 ft) Identify: 8.3 m to 27.8 m (27.23 ft to 91.21 ft)

VIDEO

Compression	Smart Encoding H.265+, H.265, Smart Encoding H.264+, H.264, MJPEG (Sub Stream Only)
Standard Codec	Supported
Stream Capability	Two (2)

Resolution	8MP (3840 × 2160), 6MP (3072 × 2048), 5MP (3072 × 1728), 5MP (2880 × 1620), 4MP (2688 × 1520), 3MP (2048 × 1536), 3MP (2304 × 1296), 1080P (1920 × 1080), 1.3MP (1280 × 960), 720P (1280 × 720), D1 (704 × 480), VGA (640 × 480), CIF (352 × 240)
Maximum Frame Rate	Main Stream: 8MP at 20 fps Sub Stream 1: D1 at 30 fps
Video Bit Rate	H.264: 3 kbps to 8,192 kbps H.265: 3 kbps to 8,192 kbps
Bit Rate Control	CBR/VBR
Day/Night	Automatic (ICR), Color, Black and White
Noise Reduction	3D NR
Light Balancing	Wide Dynamic Range (120 dB)
Image Angle	0°/90°/180°/270° (90°/270° Available for 2688 × 1520 Resolution or Lower)
Mirror Rotation	Supported
Region of Interest	Four (4) Zones
Privacy Masking	Four (4) Zones

ANALYTICS

Video Content Analytics	Line Crossing, Intrusion
Smart Motion Detection	Supported with Alarms for Vehicles and Humans

AUDIO

Compression	G.711a, G.711Mu, PCM
Interface	Input: Built-in Microphone and One (1) RCA Input Output: One (1) RCA Output

ALARM

Event	Line Crossing, Intrusion, Motion Detection, Audio Detection, Video Tampering, Disk Full, Disk Error, Voltage Detection, Security Exception
Interface	Input: One Port (Max. 5 VDC, 5 mA) One RCA Output: One (1) Port (Max. 12 VDC, 300 mA) One RCA

NETWORK

Interface	RJ-45 (10/100 Base-T)
Protocol	IPv4, IPv6, DNS, TCP, UDP, DHCP, HTTP, HTTPS, 802.1X, RTSP, DDNS, P2P, SMTP, RTMP, UPnP, Auto Registration, ICMP, IGMP, FTP, SFTP, RTP, RTCP, ARP, NTP, Multicast, NFS
Interoperability	ONVIF (Profile S/G/T), CGI
Browser	Chrome, Firefox, Edge
Storage	FTP, SFTP, Micro SD Card (Max. 256 GB)

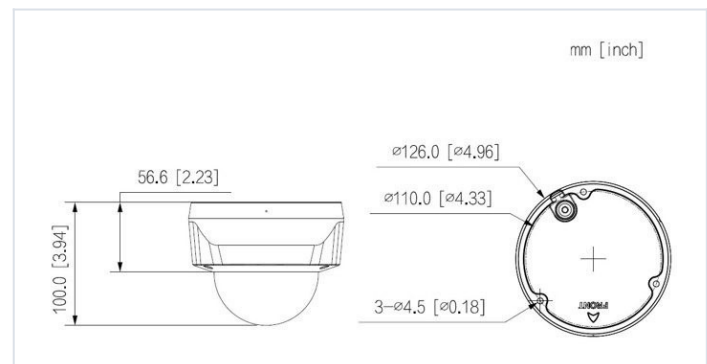
ELECTRICAL

Power Supply	12 VDC, PoE (802.3af)
Power Consumption	12 VDC Maximum: 6.9 W Normal: 2.6 W PoE Maximum: 8.3 W Normal: 3.3

CONSTRUCTION

Net Weight	0.6 kg (1.3 lb)
Gross Weight	0.7 kg (1.6 lb)
Operating Temperature	-40 to 60 °C (-40 to 140 °F) < 95% RH (Non-Condensing)
Storage Temperature	-40 to 60 °C (-40 to 140 °F)
Protection Ratings	IP67, IK10
Product Dimensions (L x W x H)	Φ 126.0 mm × 100.0 mm (Φ 5.0 in. × 4.0 in.)
Packaging Dimensions (L x W x H)	148.0 mm × 139.0 mm × 137.0 mm (5.3 in. × 5.5 in. × 5.4 in.)
Material	Metal (Housing), Plastic (Dome Covering)

DIMENSIONS



CERTIFICATIONS AND COMPLIANCE

Certifications	FCC, IC
Compliance	NDAA

Compatible Mounts

The mounts below are compatible with this camera and are sold separately. Where two SKUs are listed for the same mount type, choose either one. Click any SKU to see photos and details on huntcctv.com, or contact us at (888) 993-4868 or info@huntcctv.com if you are not sure which mount fits your installation.

MOUNT TYPE	SKU	DESCRIPTION
Electrical Box	HTH-280NJ-J02 ↗	Electrical Box (120mm)
	HTH-280NJ-CJ11 ↗	Electrical Box (145mm)
Wall Mount	HTH-272NJ-120B ↗	Wall Mount Bracket (120mm)
	HTH-262NJ-W01 ↗	Wall Mount Bracket (120mm)
Pendant Mount (1 ft)	HTH-271NJ-120 ↗	Pendant Mount, 1 ft (120mm)
Telescope Mount (2–4 ft)	HTH-271NJ-120-24 ↗	Telescope Mount, 2–4 ft (120mm)
Telescope Mount (3–6 ft)	HTH-271NJ-120-36 ↗	Telescope Mount, 3–6 ft (120mm)