



HNC348N-XDLUSLR/2.8

8MP Red/Blue Strobe Deterrent AI Fixed-Lens Turret

NDAA COMPLIANT | FCC CERTIFIED

- 8MP resolution (3840 × 2160)
- Dual light: IR + white light, up to 164 ft
- Red/blue strobe and built-in speaker for active deterrence
- Smart analytics: line crossing, intrusion, loitering detection
- Fixed 2.8 mm lens, 106° field of view

[See compatible mounts on page 3](#)

Specifications

CAMERA

Image Sensor	1/2.8-in. 8MP Progressive CMOS
Maximum Resolution	3840 × 2160
Minimum Illumination	Color: 0.001 Lux Black/White: 0.0001 Lux 0 Lux With IR Light On
Number of Illuminators	IR: Two (2) White Light: Two (2)
Illuminator Control	Automatic, Manual
Maximum Illumination Distance	IR: Up to 50.0 m (164.0 ft) White Light: Up to 40.0 m (131.0 ft)
Electronic Shutter Speed	Automatic, Manual 1/3 s to 1/100,000 s
Installation Angle	Pan: 0° Tilt: 0° Rotation: 0° to 360°
S/N Ratio	> 56 dB

LENS

Iris Type	Fixed
Lens Type	Fixed
Focal Length	2.8 mm
Maximum Aperture	F1.2
Field of View	Horizontal: 106° Vertical: 55° Diagonal: 125
Close Focus Range	2.0 m (6.6 ft)
DORI Distance	Detect: 91.0 m (298.6 ft) Observe: 36.4 m (119.4 ft) Recognize: 18.2 m (59.7 ft) Identify: 9.1 m (29.9 ft)

VIDEO

Compression	Smart Encoding H.265+, H.265, Smart Encoding H.264+, H.264, MJPEG (Sub Stream Only)
Standard Codec	Supported
Stream Capability	Three (3) Streams
Resolution	3840 × 2160 (8MP), 3072 × 2048 (6MP), 3072 × 1728 (5MP), 2592 × 1944 (5MP), 2688 × 1520 (4MP), 2560 × 1440 (4MP), 2304 × 1296 (3MP), 2048 × 1536 (3MP), 1920 × 1080 (1080p), 1280 × 960 (1.3MP), 1280 × 720 (720p), 704 × 576 (D1), 704 × 480 (D1), VGA 640 × 480 (480p), 352 × 288 (CIF), 352 × 240 (CIF)
Maximum Frame Rate	Main Stream: 3840 × 2160 at 30 fps Sub Stream 1: 704 × 576 at 30 fps, 704 × 480 at 30 fps Sub Stream 2: 1920 × 1080 at 30 fps
Video Bit Rate	H.264: 32 to 8192 kbps H.265: 12 to 8192 kbps
Bit Rate Control	CBR/VBR
Day/Night	Automatic (ICR), Color, Black and White
Light Balancing	Wide Dynamic Range (120 dB)
Noise Reduction	3D NR
Image Angle	0°/90°/180°/270° (Supports 90°/270° with 4MP Resolution and Lower)
Mirror Rotation	Supported
Region of Interest	Four (4) Zones
Privacy Masking	Four (8) Zones

ANALYTICS

Video Content Analytics	Line Crossing, Intrusion, Loitering Detection
Smart Motion	Supported with Alarms for Vehicles and Humans
Smart Search	Supported when using smart search NVRs

AUDIO

Compression	PCM, G.711a, G.711Mu, G.726, G.723
Interface	Input: Built-in Dual Microphones and One (1) RCA Port Output: Built-in Speaker and One (1) RCA Port

ALARM

Event	No SD Card, Disk Full, SD Card Error, Offline, IP Conflict, Illegal Access, Motion Detection, Video Tampering, Voltage Detection, Security Exception, Line Crossing, Intrusion, Scene Changing, Audio Detection, External Alarm
Interface	Input: One (1) Channel (3V-5VDC, 5 mA) Output: One (1) Channel (12 VDC, 300 mA)

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
Client	NeoViewer, NeoViewer App
Storage	FTP, SFTP, Micro SD Card (Max. 256 GB)

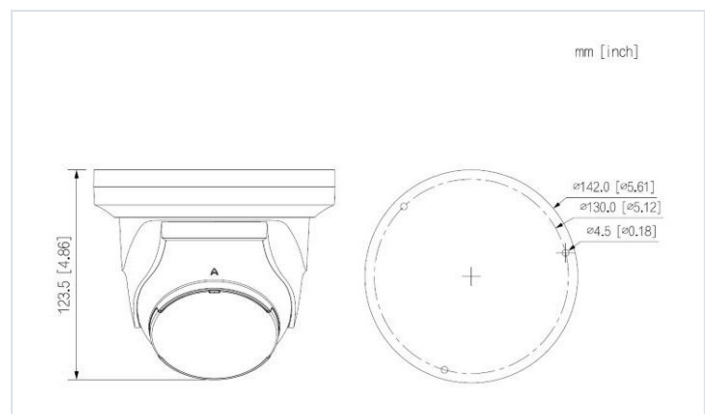
ELECTRICAL

Power Supply	12 VDC, PoE (802.3af)
Power Consumption	12 VDC Maximum: 8.7 W Normal: 4.0 W PoE Maximum: 10.9 W Normal: 5.0 W

CONSTRUCTION

Net Weight	0.8 kg (1.9 lb)
Gross Weight	1.0 kg (2.2 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
Product Dimensions (L x W x H)	123.5 mm x Φ 142.0 mm (4.9 in. x Φ 5.6 in.)
Material	Metal

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-285NJ-J04 ↗	Electrical Box (140mm)
	HTH-273NJ-140B ↗	Wall Mount Bracket (140mm)
Wall Mount	HTH-262NJ-W04 ↗	Wall Mount Bracket (140mm)
	HTH-271NJ-140 ↗	Pendant Mount, 1 ft (140mm)
Telescope Mount (2–4 ft)	HTH-271NJ-140-24 ↗	Telescope Mount, 2–4 ft (140mm)
Telescope Mount (3–6 ft)	HTH-271NJ-140-36 ↗	Telescope Mount, 3–6 ft (140mm)