

HNC6D42NIU

2 × 4MP Network Dual-Directional Camera



NDAA COMPLIANT | **FCC** CERTIFIED

- 8MP total from two 4MP sensors (2688 × 1520 each)
- IR night vision, up to 100 ft
- Smart analytics: line crossing, intrusion
- Fixed 2.8 mm lens, 101° field of view
- IP67 / IK10 rated housing

[See compatible mounts on page 3](#)

Specifications

CAMERA

Image Sensor	Dual 4MP 1/2.7-in. CMOS sensor
Maximum Resolution	2688 × 1520
Minimum Illumination	Color: 0.0007 Lux at F1.6 0 Lux with IR on
Number of Illuminators	8 IR LEDs, 4 per Sensor
Illuminator Control	Automatic, Manual
Maximum Illumination Distance	Up to 30 m (100 ft)
Electronic Shutter Speed	Automatic, Manual 1/3 s to 1/100,000 s
Installation Angle	Pan: 0° to 360° Tilt: 0° to 78° Rotation: 0° to 360°
S/N Ratio	> 56 dB

LENS

Iris Type	Fixed
Lens Type	Fixed
Focal Length	2.8 mm
Maximum Aperture	F1.6
Field of View	Horizontal: 101° Vertical: 54 ° Diagonal: 120°
Close Focus Range	1.1 m (3.6 ft)
DORI Distance	Detect: 63.1 m (207.0 ft) Observe: 25.0 m (82.0 ft) Recognize: 12.5 m (41.0 ft) Identify: 6.3 m (20.7 ft)

VIDEO

Compression	H.264, H. 265, Smart Encoding H.265, Smart Encoding H.264, MJPEG (Sub Stream 1 Only)
Standard Codec	Supported

Stream Capability	Two (2)
Resolution	4MP (2688 × 1520), 4MP (2560 × 1440), 3MP (2048 × 1536/2304 × 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: 2688 × 1520 at 20 fps Sub Stream 1: D1 at 30 fps Sub Stream 2: 1080p at 30 fps
Video Bit Rate	H.264: 3 kbps to 10,240 kbps H.265: 3 kbps to 10,240 kbps
Bit Rate Control	CBR/VBR
Day/Night	Color, Black and White
Noise Reduction	3D NR
Light Balancing	Wide Dynamic Range (120 dB)
Image Angle	0°/90°/180°/270°
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 1 channel output: 1 channel

ALARM

Event	Line Crossing, Intrusion, Motion Detection, Smart Motion, Audio Detection, Video Tampering, Disk Full, Disk Error, Offline, IP Conflict, Voltage Detection, Security Warning
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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
Storage	FTP, SFTP, MicroSD Card (Max. 256 GB), NAS

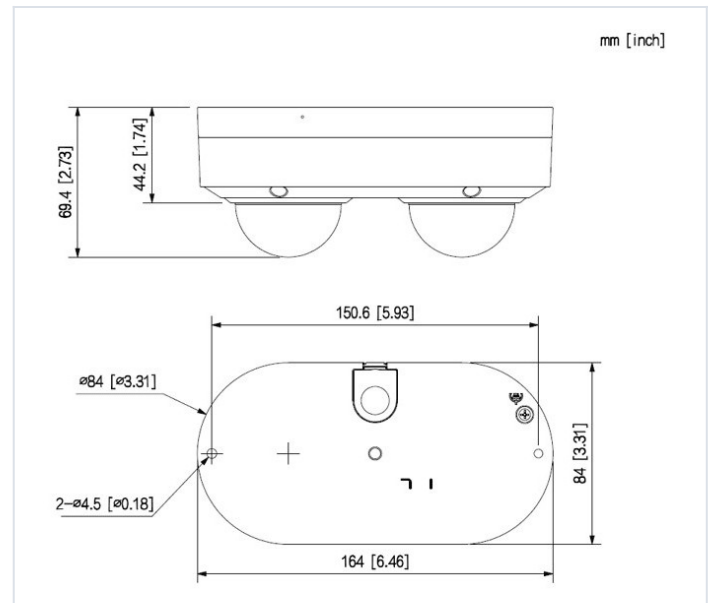
ELECTRICAL

Power Supply	12 VDC, PoE (802.3af)
Power Consumption	Maximum: 13.0 W Standard: 4.8 W

CONSTRUCTION

Net Weight	0.6 kg (1.4 lb)
Gross Weight	0.8 kg (1.8 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)	164.0 mm x 84.0 mm x 69.4 mm (6.46 in. x 3.31 in. x 6.7 in.)
Packaging Dimensions	205.0 mm x 121.0 mm x 101.0 mm (8.1 in. x 4.8 in. x 4.0 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. 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-280ZJ-DE7 ↗	Electrical Box
Wall Mount	HTH-272ZJ-DE7 ↗	Wall Mount Bracket
Pendant Mount (1 ft)	HTH-271ZJ-DE7 ↗	Pendant Mount, 1 ft
Telescope Mount (2–4 ft)	HTH-271NJ-DE7-24 ↗	Telescope Mount, 2–4 ft
Telescope Mount (3–6 ft)	HTH-271NJ-DE7-36 ↗	Telescope Mount, 3–6 ft