

HNCA12N-FEU

12MP Fisheye Camera



NDAA COMPLIANT | **FCC** CERTIFIED

- 12MP resolution (4000 × 3000)
- Smart analytics: line crossing, intrusion, people counting, heat map
- Built-in dual microphone and speaker
- IR night vision, up to 30 ft
- Fixed 1.85 mm lens, 185° field of view

[See compatible mounts on page 2](#)

Specifications

CAMERA

Image Sensor	1/1.7-in. 12MP Progressive CMOS
Maximum Resolution	4000 × 3000
Minimum Illumination	Color: 0.01 Lux (F2.0) Black/White: 0.001 Lux (F2.0) 0 Lux With IR Light On
Number of Illuminators	3 IR LEDs
Illuminator Control	Automatic, Manual
Maximum Illumination Distance	IR Up to 10 m (30ft)
Electronic Shutter Speed	Automatic, Manual 1/3 s to 1/100,000 s
S/N Ratio	> 56 dB

LENS

Iris Type	Fixed
Lens Type	Fixed
Focal Length	1.85mm
Maximum Aperture	F2.0
Field of View	Horizontal: 185° Vertical: 180°
Close Focus Range	0.4 m (1.31ft)
DORI Distance	Detect: 40.0 m (131.2 ft) Observe: 16.0 m (52.5 ft) Recognize: 8.0 m (26.2 ft) Identify: 4.0 m (13.1 ft)

VIDEO

Compression	Smart Encoding H.265+, H.265, Smart Encoding H.264+, H.264, MJPEG (Substream Only)
Standard Codec	Supported
Stream Capability	Three (3)

Resolution	4000 × 3000 (12MP), 3280 × 2480 (8MP), 2880 × 2160 (6MP), 2048 × 1546 (3MP), 704 × 480 (D1), 352 × 240 (CIF)
Maximum Frame Rate	Mainstream: 4000 × 3000 at 25 fps Substream 1: 704 × 576 at 30 fps Substream 2: 1280 × 960 at 30 fps Fisheye Mode: 10 (4000 × 3000), 1P (4096 × 1024), 2P (2432 × 2432), 1R (1216 × 1216), 2R (2432 × 2432), 4R (2432 × 2432), 10+3R (2432 × 2432)
Video Bit Rate	H.264: 3 kbps to 14,336 kbps H.265: 3 kbps to 16,384 kbps
Bit Rate Control	CBR/VBR
Day/Night	Auto (ICR), Color, Black and White
Noise Reduction	3D NR
Light Balancing	DWDR
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
Face Detection	Capture Snapshots and Facial Attributes
Heat Map	Supported
People Counting	Tripwire and In-Area People Counting, Queue Management With Report

AUDIO

Compression	PCM, G.711A, G.711Mu, G.726, G.723
Interface	Input: Built-In Dual Microphone and 1-channel RCA Port Output: Built-In Speaker and 1-Channel RCA Port

ALARM

Event	No SD Card, SD Card Full, SD Card Error, Network Disconnection, IP Conflict, Illegal Access, Motion Detection, Video Tampering, Voltage Detection, Security Exception, Tripwire, Intrusion, Scene Changing, Audio Detection, External Alarm, People Counting In Area, Stay Detection, People Counting, Security Exception
Interface	Input: Two (2) Channels 5mA 3V-5VDC Output: Two (2) Channels 1,000mA 30VDC/500mA 50VDC

NETWORK

Interface	RJ-45 (10/100 Base-T)
Protocol	IPv4, IPv6, TCP, UDP, RTP, RTCP, RTSP, RTMP, NTP, HTTP, ARP, SMTP, FTP, SFTP, DHCP, DNS, DDNS, QoS, UPnP, Multicast, ICMP, IGMP, NFS, PPPoE, SNMP, P2P
Interoperability	ONVIF (Profile S/G/T), API, SDK
Browser	Chrome, Firefox, Edge
Client	NeoViewer, NeoViewer App
Storage	FTP, SFTP, MicroSD Card (Max. 256 GB), NAS

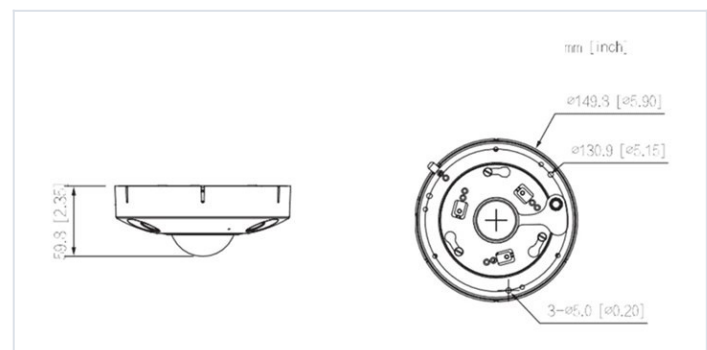
ELECTRICAL

Power Supply	12 VDC, PoE+ (802.3at)
Power Consumption	< 13.9 W

CONSTRUCTION

Net Weight	0.79 kg (1.74 lb)
Gross Weight	1.21 kg (2.67 lb)
Operating Temperature	-40 °C to 60 °C (-22°F to 140°F) < 95% RH (Non-Condensing)
Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Protection Ratings	IP67, IK10
Product Dimensions (L x W x H)	59.8 mm x Φ 149.8 mm (2.35 in. x Φ 5.90 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-285NJ-J03 ↗	Electrical Box (150mm)
Wall Mount	HTH-272NJ-150B ↗	Wall Mount Bracket (150mm)
Pendant Mount (1 ft)	HTH-271NJ-150 ↗	Pendant Mount, 1 ft (150mm)
Telescope Mount (2–4 ft)	HTH-271NJ-150-24 ↗	Telescope Mount, 2–4 ft (150mm)
Telescope Mount (3–6 ft)	HTH-271NJ-150-36 ↗	Telescope Mount, 3–6 ft (150mm)