

HNTCA06N-FEU

6MP Fisheye Camera



NDAA COMPLIANT | FCC CERTIFIED

- 6MP resolution
- Smart analytics: line crossing, intrusion, people counting, heat map
- Built-in microphone, plus audio in and out
- Fixed 1.68 mm lens, 185° field of view
- IP67 / IK10 rated housing

[See compatible mounts on page 3](#)

Specifications

CAMERA

Image Sensor	1/2.5" CMOS
Min. Illumination	0.006 Lux @ F2.0 (Color), 0.0006 Lux @ F2.0(B/W)
E-shutter Speed	Auto/Manual 1/3 s–1/100,000 s
S/N Ratio	> 56 dB
Noise Reduction	3D NR
Wide Dynamic Range	120 dB
Day & Night	Auto/Color/B/W
Lens Type	Fixed-focal 1.68 mm @ F2.0
Iris Type	Fixed
Field of View	Horizontal: 185°, Vertical: 185°, Diagonal: 185°
Close Focus Range	0.98 ft (0.3 m)
DORI	Detect: 110 ft (33.5 m) Observe: 45 ft (13.7 m) Recognize: 22 ft (6.7 m) Identify: 11 ft (3.3 m)
Illuminators	3 x IR LEDs
Illumination Range	Horizontal: 185° Vertical: 180°
Illuminator Control	Auto, Manual, Off
Power Supply	12 VDC / PoE (802.3af)
Power Consumption	12 VDC: Max 8.1 W, Typical 1.4 W / PoE: Max 10.1 W, Typical 2.6 W
Housing	Metal
Dimensions	Φ4.80" × 2.10" (Φ122.0 mm × 53.3 mm)
Dimensions With Box	6.10"×6.10"×4.02" (155 mm×155 mm×102 mm) (L×W×H)
Operating Conditions	-22°F to +140°F (-30°C to +60°C)/less than 95% RH
Storage Conditions	-22°F to +140°F (-30°C to +60°C)
Protection Grade	IP67, IK10

Net Weight	1.01 lb (0.46 kg)
Gross Weight	1.65 lb (0.75 kg)

VIDEO

Video Compression	H.265; H.264; MJPEG (Sub Stream Only)
Smart Codec	Supported
Resolution	6M (2560 × 2560), 4M (2048 × 2048), 1.6M (1280 × 1280), 2M (1440 × 1440), 1M (1024 × 1024), (720 × 720), SVCD (480 × 480), 2.5M (2560 × 960), 1.5M (2048 × 768), 1.3M (1920 × 720), (1280 × 480), (640 × 240), (1280 × 480), (640 × 240), VGA (640 × 480), QVGA (320 × 240), 3M (2048 × 1536), 2.7M (1920 × 1440), XVGA (1024 × 768), UVGA (1600 × 1200)
Maximum Frame Rate	Main stream: 6MP (2560 × 2560) at 30 fps Sub stream: 2MP (1440 × 1440) at 30 fps Sub stream: 2MP (1440 × 1440) at 30 fps
Video Stream	3 streams
Bit Rate Control	CBR, VBR, ABR
Video Bit Rate	H.264: 3 kbps to 6144 kbps H.265: 3 kbps to 6144 kbps
ROI	Supported (4 areas)
Image Rotation	0°, 180°
Mirror	Supported
Light Balancing	DWDR
Image Angle	0°/90°/180°/270°
Mirror Rotation	Supported
Privacy Mask	Supported (4 areas)

AUDIO

Built-in MIC	Yes
Built-in SPK	Yes
Audio Compression	PCM, G.711a, G.711Mu

FISHEYE

Installation	Ceiling mount; Wall mount; Ground mount
Decoding Mode	Hard Decoding, Soft Decoding
Display Mode	Hard Decoding: 10; 1P; 2P; 1R; 2R; 4R; 10+ 3R 2P/2R: Supports split screen for 2 windows. 4R: Supports split screen for 4 windows. *O: Fisheye original image view; P: Panoramic image view; R: Region image view.

INTELLIGENT ANALYSIS

VCA (Video Content Analytics)	Intrusion, Line Crossing
Heat Map	Supported
People Counting	Supported

EVENT

Alarm Event	Line Crossing, Intrusion, Motion Detection, Audio Detection, Video Tampering, Disk Full, Disk Error, Voltage Detection, Security Exception
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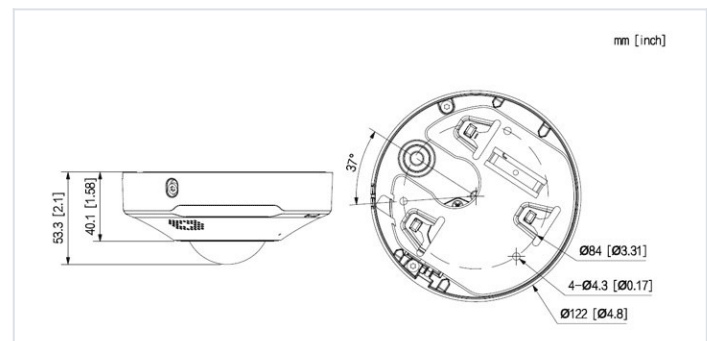
NETWORK

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, NFS
Interoperability	ONVIF (Profile S & Profile G & Profile T), CGI
Storage	FTP, SFTP, NAS, Micro SD card (support max. 1 TB)
Client	PC client: NeoViewer Mobile APP: NeoViewer

INTERFACE

Network port	RJ-45 (10/100 Base-T)
Micro SD card Slot	Yes
RS-485	1
Audio I/O	1 x Input, 1 x Output
Alarm I/O	1 x Input (Max. 5 VDC, 5 mA), 1 x Output (Max. 12 VDC, 300 mA)
Reset Button	Supported

DIMENSIONS



CERTIFICATIONS AND COMPLIANCE

Certification	FCC
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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)