



NC-FT8-M2/W3R3(L2)

Key features: 8MP fixed lens turret network camera, 2 pcs built-in microphones, 30m infrared light and 30m white light supplements

Camera	
Model	NC-FT8-M2/W3R3(L2)
Product Name	8MP fixed lens turret network camera
Image Sensor	1/2.8" Progressive Scan CMOS
Resolution	3840(H) × 2160(V)
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with light
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR Cut Filter
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Lens	
Lens Type	Fixed focal lens, 2.8 mm
Field of View	2.8 mm, horizontal FOV 108°, vertical FOV 59°, diagonal FOV 127°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.6
Depth of Field	2.8mm, 1.7 m to ∞
DORI	
DORI	2.8 mm, D: 84 m, O: 33 m, R: 16 m, I: 8 m
Night Vision	
Supplement Light Type	IR light and white light
Supplement Light Range	Up to 98ft (30 meters)
Video	
Main Stream	50 Hz: 20 fps (3840 × 2160) 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Sub Stream	50 Hz:

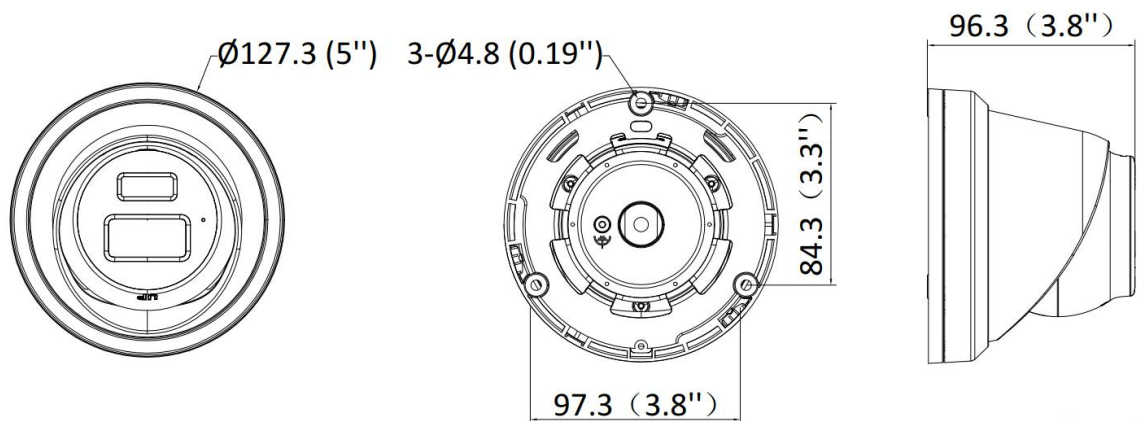


Product Datasheet

	25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)
Third Stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings.
Video Compression	Main stream: H.265/H.264/H.264+/H.265+, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, *Third stream is supported under certain settings.
Video Bit Rate	32 Kbps to 16 Mbps
H.264 Type	Baseline Profile, Main Profile, High Profile
H.265 Type	Main Profile
Bit Rate Control	CBR, VBR
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	1 fixed region for main stream and sub-stream
Target Cropping	Yes
Audio	
Audio Type	Mono sound
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/48 kHz
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
Audio Bit Rate	64 Kbps (G.711 ulaw/G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
Network	
Security	Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2/1.3, WSSE and digest authentication for Open Network Video Interface
Simultaneous Live View	Up to 6 channels
API	ONVIF (Profile S, Profile G, Profile T),ISAPI,SDK,ISUP
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets, SRTP, SFTP
User/Host	Up to 32 users, 3 user levels: administrator, operator, and user
Web Browser	Plug-in required live view: IE 11, Plug-in free live view: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+, Local service: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+
Network Storage	NAS (NFS, SMB/CIFS),Auto Network Replenishment (ANR)
Image	
Image Parameters Switch	Yes
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Day/Night Switch	Day, Night, Auto, Schedule

Image Enhancement	BLC, HLC, 3D DNR
Image Settings	Rotate mode
Privacy Mask	8 programmable polygon privacy masks
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Factory Reset	Support
Expansion Slot	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB
Microphone	2 pcs built-in microphone
Speaker	N/A
Audio In/Out	N/A
Alarm In/Out	N/A
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), alarm input and output, flashing alarm light output, audible alarm output, exception
Smart Event	Face detection
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture
Deep Learning Function	
Perimeter Protection	Line crossing, intrusion Support alarm triggering by specified target types (human and vehicle)
General	
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Power Supply	PoE: IEEE 802.3at, Class 4, max. 18 W 12 VDC $\pm$ 25%, 1.25 A, max. 15 W, $\varnothing$ 5.5 mm coaxial power plug, reverse polarity protection
Protection Level	IP67
Material	Main body: metal, Cover: metal
Dimension	$\varnothing$ 127.3 mm $\times$ 96.3 mm ($\varnothing$ 5" $\times$ 3.8")
Weight	Approx. 515 g (1.1 lb.)
Language	33 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian

Dimension



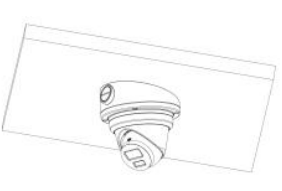
Unit: mm (inch)

Accessories (optional)

DS-1275ZJ-SUS	DS-1273ZJ-130B-TRL	DS-220AZJ-130-WA	DS-1281ZJ-M
DS-1276ZJ-SUS	DS-1273ZJ-130-TRL	DS-1475ZJ-SUS	DS-1275ZJ-S-SUS
DS-220AZJ-145-WA	DS-1476ZJ-SUS	DS-1271ZJ-130-TRL	DS-1280ZJ-DM8

Installation Methods

Vertical Pole Mounting	Vertical Pole Mounting	Vertical Pole Mounting	Wall Mounting
DS-1275ZJ-SUS+ DS-1273ZJ-130B-TRL	DS-1475ZJ-SUS+ DS-220AZJ-145-WA	DS-1275ZJ-S-SUS+ DS-220AZJ-145-WA	DS-1273ZJ-130B-TRL+ DS-1253ZJ-L
Wall Mounting	Wall Mounting	Wall Mounting	Inclined Ceiling Mounting
DS-220AZJ-130-WA	DS-1273ZJ-130-TRL	DS-220AZJ-145-WA	DS-1281ZJ-M

			
Corner Mounting	Corner Mounting	Pendant Mounting	Junction Box
DS-1276ZJ-SUS+ DS-1273ZJ-130-TRL	DS-1476ZJ-SUS+ DS-220AZJ-145-WA	DS-1271ZJ-130-TRL	DS-1280ZJ-DM8
			