

8MP Stitched 180° Panoramic Network Camera



TD-6424M3N(D/PE/AR2)



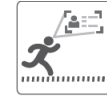
Perimeter



Day/Night



3D DNR



**Smart
Detection**



IP66



H.265



Features

- Four 2MP video modules to stitch one 8MP camera, 180° panoramic view
- Three streams, max (4096×1792)@30fps, H.265+/ H.265/ H.264+/H.264/MJPEG encoding
- 20m Smart IR provides clear and uniform B/W image under no light conditions
- DWDR, 3D DNR, BLC, HLC
- Alarm triggered by multi-rules: line crossing, region intrusion, etc.
- 4 zones of privacy masks
- ONVIF specifications, interoperability between network video products, regardless of manufacturer
- Full Interface: RJ45, SD Card, Alarm, Audio, RS485
- – 30 ℃~60 ℃ (-22 ℉ ~ 140 ℉), IP66, Metal body
- Support both PoE(802.3.at) and DC12V

Application

Public area safety: Railway station, Airport, Cathedral, City mall, Plaza, School, Conference room, etc.

Specifications

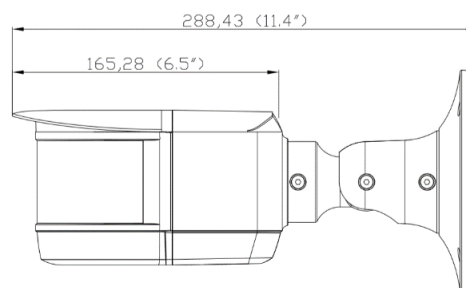
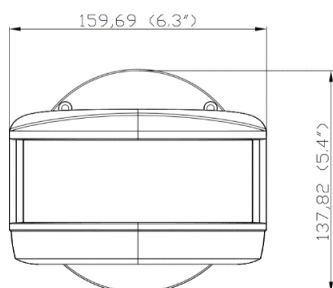
Camera Module	
Image sensor	1/2.8"Sony progressive scan CMOS image sensor x 4sets
Mini. Illumination	Color: 0.02Lux @ (F2.0, AGC ON); B/W: 0.008Lux @(F2.0, AGC ON); 0 Lux with IR
Max. Resolution	4096×1792
Shutter Speed	1/3s – 1/10,000 s
Day & Night	Auto
SNR	≥50dB
BLC	Yes
HLC	Yes
Digital DNR	3D DNR
Defog	Yes
Angle Adjustment	Pan: 0 ~360 °; Tilt:0 ~90 °; Rotation: 0 ~360 °
Lens	
Focus length	3.3mmx 4sets
Aperture	F2.0
Field of View	Horizontal FoV: 180 °; Vertical FoV:78 °
Lens Mount	M12
DORI	D:44m; O:18m; R: 9m; I: 4m
Audio & Video	
Video compression	H.265+/H.265/H.264+/H.264 / MJPEG
H.264 Standard	Baseline Profile/Main Profile/High Profile
Resolution	8MP(4096×1792), 6MP(3680×1616), 4MP(3040×1328), 2MP(2128×928), 1840×800, 1456×640, 1056×464, 704×320
Main Stream	8MP/6MP/4MP/2MP (60Hz: 1~30fps; 50Hz: 1~25fps)
Sub Stream	1840×800/1456×640/1056×464 (60Hz: 1~30fps; 50Hz: 1~25fps)
Third Stream	1456×640/1056×464/704×320 (60Hz: 1~30fps; 50Hz: 1~25fps)
Bit Rate	64Kbps ~ 10Mbps
Bit Rate Type	VBR/CBR
Audio compression	G.711 A/U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately
Interface	
Network Interface	1 RJ45 10M/100M Adaptive Ethernet
Alarm Interface	1CH alarm input; 1CH alarm output (Max. 24VDC/24VAC, 1A)
Audio Interface	1CH audio input, 1 CH audio output (line out)
RS 485	Yes, half-duplex
Storage	Micro SD card slot, up to 256GB
Reset	Yes
Function	
Remote Monitoring	Web Browser/TVT NVMS2.0/NVR/mobile APP
Web Browser	Chrome 105.0+/Edge 105.0+/Firefox 121.0+/Safari 14.0+
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol	UDP, Ipv4, Ipv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST, 802.1x, UpnP, HTTPS, P2P, QoS
Interface Protocol	ONVIF, SDK, API
Smart Event	Line crossing, region intrusion/entrance/exiting (human/vehicle classification), loitering detection, illegal parking detection, abandoned/missing object detection
Statistics	Target counting by line/area (human/vehicle classification), heat map

Exception Detection	Scene change, video blur and abnormal color detection, audio exception
Face Detection	Face detection and face capture
Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 4 motor vehicle features and 1 non-motor vehicle feature
Smart Alarm	Motion detection, sensor alarm, SD card error, SD card full, IP address conflict, network disconnection
Alarm Linkage	Upload to FTP/Memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture
General Function	Watermark, video mask, heartbeat, ANR, cloud upgrade
IR Distance	Up to 20m
Security	Firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP
General	
Power	DC12V/PoE (802.3.at)
Power Consumption	DC12V: < 17.6W; PoE: <18.2W
Working condition	-30 °C ~ 60 °C (-22 °F ~ 140 °F), humidity: ≤ 95% (non-condensing)
Storage condition	-30°C to 65 °C (-22 °F to 149 °F), humidity: ≤ 95% (non-condensing)
Protection	6000VLightning Protection, Surge Protection and Voltage Transient Protection
Material	Main body: Aluminum Alloy; Decoration: Plastic
Dimensions	L×W×H= 288.4mm × 159.7mm × 137.8mm (11.35"×6.29"×5.42")
Weight	Approx. 2.1Kg(4.63lb)
Certification	CE, FCC, IP66
Environment Protection	Complies with Directive EU RoHS, WEEE, Directive 94/62/EC and REACH

Ordering Information

Camera	TD-6424M3N(D/PE/AR2)	8MP Stitched 180 °Panoramic Network IR Bullet Camera, DC12V/PoE, IP66, -30°C~60°C
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Dimension(mm/inch):



Accessories(optional):



TD-YXH0207
Wall Mount



TD-YXH0207+YZJ0407
Wall Mount



TD-YXH0207+YZJ0811
Ceiling Mount



TD-YXH0207+ TD-YZJ0407 + YZJ0501
Pole Mount



TD-YXH0207+YZJ0501
Pole Mount



TD-YXH0207+YZJ0407+YZJ0601
Corner Mount



TD-YXH0207+YZJ0601
Corner Mount



TD-YZJ0216
Wall Mount



TD-YZJ0216+YZJ0501
Pole Mount



TD-YZJ0216+YZJ0601
Corner Mount