

TDODIA430M

4MP IR DOME NETWORK CAMERA



FEATURES:

- 1/3" 4Megapixel progressive CMOS
- H.265+ & H.265 dual-stream encoding
- 20fps@4MP(2560×1440)&25/30fps@3M(2304×1296)
- DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, SMS & ToughDog Viewer
- 2.8~12mm varifocal lens
- Max. IR LEDs length 98ft
- Micro SD card memory, IP67, IK10, PoE

Specifications:

Model		TDODIA430M			
Camera					
Image Sensor		1/3" 4Megapixel progressive CMOS			
Effective Pixels		2560(H) x1440(V)			
RAM/ROM		256MB/16MB			
Scanning System		Progressive			
Electronic Shutter Speed		Auto/Manual, 1/3~1/100000s			
Min. Illumination		0.05Lux/F1.8(Color,1/3s,30IRE) 0.3Lux/F1.8(Color,1/30s,30IRE) 0Lux/F1.8(IR on)			
S/N Ratio		More than 50dB			
IR Distance		Up to 98ft			
IR On/Off Control		Auto / Manual			
IR LEDs		2			
Lens					
Lens Type		Motorized			
Mount Type		Board-in			
Focal Length		2.8mm~12mm			
Max. Aperture		F1.8			
Angle of View		H: 94°~33°, V: 51°~19°			
Optical Zoom		4x			
Focus Control		Fixed			
Close Focus Distance		0.2m (0.66ft)			
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	66m(216.5ft)	26.4m(86.6ft)	13.2m(43.3ft)	6.6m(21.7ft)
	T	200m(656.2ft)	80m(262.5ft)	40m(131.2ft)	20m(65.6ft)
PTZ					

Pan/Tilt Range	Pan: 0° ~ 360°; Tilt: 0° ~ 90°, Rotation: 0° ~ 360°
Intelligence	
Event Trigger	Motion detection, Video tampering, Scene change, Network disconnection, IP address conflict, Illegal access, Storage anomaly
Video	
Compression	H.265/H.264/H.264B/MJPEG(Sub Stream)
Smart Codec	Support H.265+/H.264+
Streaming Capability	2 Streams
Resolution	4M(2560×1440)/3M(2304×1296)/1080P(1920×1080)/ 1.3M(1280×960)/720P(1280×720)/VGA(640×480)/D1(704×576/704×480)/ CIF(352×288/352×240)
Frame Rate	Main Stream: 4M (1~20fps)
	Sub Stream: D1 (1~25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 16K ~ 6144K H.265: 6K ~ 6144K
Day/Night	Auto (ICR) / Color / B/W
BLC Mode	BLC / HLC / DWDR
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	Off / On (4 Zone, Rectangle)
Region of Interest	Off / On (4 Zone)
Electronic Image Stabilization (EIS)	N/A
Smart IR	Support
Digital Zoom	16x
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)
Audio	
Compression	N/A

Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	HTTP;HTTPS;TCP;ARP;RTSP;RTP;UDP;SMTP;FTP;DHCP;DNS;DDNS;PPPOE;IPv4/v6;Qos;UPnP;NTP;Bonjour;IEEE802.1x;Multicast;ICMP;IGMP;TLS;RTCP
Interoperability	ONVIF Profile S&G, API
Streaming Method	Unicast / Multicast
Max. User Access	10 Users / 20 Users
Edge Storage	NAS (Network Attached Storage) Local PC for instant recording Micro SD Card 128GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	TD-SMS, ToughDog Viewer
Smart Phone	IOS, Android
Certifications	
Certifications	CE (EN 60950:2000) FCC: FCC Part 15 Subpart B
Interface	
Video Interface	N/A
Audio Interface	N/A
RS485	N/A
Alarm	N/A
Electrical	
Power Supply	DC12V, PoE (802.3af)(Class 0)
Power Consumption	DC12V: 1.8W, 5.6W(IR on) PoE: 2.2W, 6.5W(IR on)
Environmental	
Operating Conditions	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 95% RH
Storage Conditions	-30°C ~ +60°C (-22°F ~ +140°F) / Less than 95% RH
Ingress Protection	IP67
Vandal Resistance	IK10
Construction	
Casing	Metal

Dimensions	Φ122mm x 88.9mm (Φ4.80"x3.50")
Net Weight	0.45Kg(0.99lb)
Gross Weight	0.58Kg(1.28lb)

Accessories:

Optional:



PFA137
Function Box



PFB203W
Wall mount



PFA152-E
Pole mount



PFB200C
In-ceiling Box



PFA200W
Rain shade

Junction Mount	Inceiling Mount
PFA137	PFB200C
Wall Mount	Pole Mount
PFB203W	PFB203W + PFA152-E
Wall Mount with Rain Shade	Pole Mount with Rain Shade
PFA137+PFA200W	PFA137+PFA152-E+PFA200W

Dimensions:

