

TDODIY850M

8MP WDR IR DOME NETWORK CAMERA



FEATURES:

- 1/2.5" 8Megapixel progressive scan STARVIS™ CMOS
- H.265&H.264 dual-stream encoding
- 15fps@4K(3840x2160),25/30fps@3M(2304x1296)
- Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS
- 2.7mm ~12mm motorized lens
- Max. IR LEDs Length 164ft
- Micro SD card memory, IP67,IK10, PoE

Specifications:

Model	TDODIY850M				
Camera					
Image Sensor	1/2.5" 8Megapixel progressive scan CMOS				
Effective Pixels	3840(H)×2160(V)				
RAM/ROM	512MB/32MB				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s				
Min. Illumination	0.05Lux/F1.4 (Color,1/3s,30IRE) 0.2Lux/F1.4 (Color,1/30s,30IRE) 0Lux/F1.4(IR on)				
S/N Ratio	More than 50dB				
IR Distance	Distance up to 164ft				
IR On/Off Control	Auto/Manual				
IR LEDs	2				
Lens					
Lens Type	Motorized/ Auto Iris(DC)				
Mount Type	Board-in				
Focal Length	2.7mm~12mm				
Max. Aperture	F1.4				
Angle of View	H:110°~40°, V:58°~23°				
Optical Zoom	4x				
Focus Control	Motorized				
Close Focus Distance	0.3m				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	85m(280ft)	34m(112ft)	17m(56ft)	8.5m(28ft)
	T	228m(784ft)	91m(299ft)	46m(151ft)	23m(75ft)
Pan/Tilt/Rotation					

Pan/Tilt/Rotation Range	Pan: 0°~355°; Tilt: 0°~75°; Rotation: 0°~355°
Intelligence	
IVS	Tripwire, Intrusion, Object Abandoned/Missing
Advanced Intelligent Functions	Face Detection
Video	
Compression	H.265+/H.265/H.264+/H.264
Resolution	4K(3840×2160)/ 6M(3072×2048)/5M(3072×1728)/5M(2592×1944)/ 4M(2688×1520)/ 3M(2048×1536)/3M(2304×1296)/ 1080P(1920×1080)/1.3M(1280×960)/ 720P(1280×720)/ D1(704×576/704×480)/VGA(640×480)/ CIF(352×288/352×240)
Frame Rate	Main Stream: 4K(1~15fps)/3M(1~25/30fps)
	Sub Stream: D1(1~25/30fps)
	Third Stream: 720P(1~25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 24K ~ 10240Kbps H.265: 14K ~ 9984Kbps
Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / WDR
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
Defog	N/A
Digital Zoom	16x
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)
Audio	

Compression	G.711a/ G.711Mu/ AAC/G.726
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; 802.1x; Multicast; ICMP; IGMP; SNMP
Interoperability	ONVIF,PSIA,CGI
Streaming Method	Unicast/Multicast
Max. User Access	10 Users / 20 Users
Edge Storage	NAS Local PC for instant recording Mirco SD card 128GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Smart PSS, DSS, Easy4ip
Smart Phone	IOS, Android
Certifications	
Certifications	CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B
Interface	
Video Interface	N/A
Audio Interface	1/1 channel In/Out
RS485	N/A
Alarm	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC
Electrical	
Power Supply	DC12V, PoE(802.3af)(Class 0)
Power Consumption	<8.5W
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×88.9mm (4.8"×3.5")
Net Weight	0.5kg (1.1lb)
Gross Weight	0.58kg (1.29lb)

Accessories:

Optional:



PFA137
Junction Box



PFA152-E
Pole Mount



PFB203W
Wall Mount



PFB200C
In-ceiling Mount



LR1002
ePoE Over Coax Converter

Junction Mount	Inceiling Mount
PFA137	PFB200C
Wall Mount	Pole Mount
PFB203W	PFB203W + PFA152

Dimensions:

