

# TDODIY830P

## 4x2MP IR DOME NETWORK CAMERA



### FEATURES:

- Four 1/2.8" 2Megapixel progressive scan STARVIS™ CMOS
- H.265&H.264 dual-stream encoding
- 25/30fps@2M(1920x1080)
- Smart Detection supported
- WDR(140dB), Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, TD SMS & ToughDog Viewer Pro
- 2.7mm ~12mm motorized lens
- Max. IR LEDs Length 98ft
- Micro SD memory, IP67,IK10, PoE+

# Specifications:

<b>Model</b>	<b>TDODIY830P</b>				
<b>Camera</b>					
Image Sensor	Four 1/2.8" 2Megapixel progressive scan CMOS				
Effective Pixels	1920(H)×1080(V)				
RAM/ROM	1024MB/128MB				
Scanning System	Progressive				
Electronic Shutter Speed	Auto/Manual, 1/3(4)~1/100000s				
Min. Illumination	0.005Lux/F1.8 (Color,1/3s,30IRE) 0.06Lux/1.8 (Color,1/30s,30IRE) 0Lux/F1.8(IR on)				
S/N Ratio	More than 50dB				
IR Distance	Distance up to 98ft				
IR On/Off Control	Auto/Manual				
IR LEDs	8				
<b>Lens</b>					
Lens Type	Motorized				
Mount Type	Board-in				
Focal Length	2.7mm~12mm motorized				
Max. Aperture	F1.8				
Angle of View	H:105°~44°, V:54°~25°				
Optical Zoom	4x				
Focus Control	Motorized				
Close Focus Distance	0.2m (0.66ft)				
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	Wide	45m(148ft)	18m(59ft)	9m(29.5ft)	4.5m(14.8ft)
	Tele	99m(325ft)	40m(131ft)	20m(66ft)	10m(33ft)
<b>Pan/Tilt/Rotation</b>					

Pan/Tilt/Rotation Range	Pan: 0°~360°; Tilt: 0°~80°; Rotation: 0°~355°
<b>Intelligence</b>	
Event Trigger	Motion detection, Video tampering, Scene changing, Network disconnection, IP address conflict, Illegal access, Storage anomaly
IVS	Tripwire, Intrusion
<b>Video</b>	
Compression	H.265/H.264/H.264B/H.264H/MJPEG(sub stream)
Smart Codec	Support H.265+/H.264+
Streaming Capability	2 Streams
Resolution	1080P(1920×1080)/1.3M(1280×960)/ 720P(1280×720)/ D1(704×576/704×480)/ CIF(352×288/352×240)
Frame Rate	Main Stream: 1080P(1~25fps)
	Sub Stream: D1(1~25/30fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 32~8192Kbps H.265: 12~6144Kbps
Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / WDR(140dB)
White Balance	Auto/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	N/A
Defog	N/A
Digital Zoom	16x
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)

<b>Audio</b>	
Compression	G.711a/ G.711Mu/ AAC/G.726
<b>Network</b>	
Ethernet	RJ-45 (100/1000Base-T)
Protocol	HTTP;TCP;ARP;RTSP;RTP;UDP;RTCP;SMTP;FTP;DHCP;DNS;DDNS;PPP OE;IPv4/v6;SNMP;QoS;UPnP;NTP
Interoperability	ONVIF Profile S&G, API
Streaming Method	Unicast / Multicast
Max. User Access	10 Users / 20 Users
Edge Storage	NAS Local PC for instant recording Mirco SD card 256GB
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	TD SMS, ToughDog Viewer Pro
Smart Phone	IOS, Android
<b>Certifications</b>	
Certifications	CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B
<b>Interface</b>	
Video Interface	N/A
Audio Interface	1/1 channel In/Out
RS485	1 port
Alarm	1 channel In: 5mA 5VDC 1 channel Out: 300mA 12V
<b>Electrical</b>	
Power Supply	AC24V, PoE+(802.3at)(Class 4)
Power Consumption	AC 24V: 9.9W 31.2W(IR on) PoE: 10.6W 23.8W(IR on)
<b>Environmental</b>	
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
<b>Construction</b>	
Casing	Metal
Dimensions	286.1mmx111.3mm
Net Weight	2.7kg (5.95lb)
Gross Weight	3.6kg (7.94lb)

# Accessories:

Optional:



PFB300C



PFB303W



PFA111



PFA108

Ceiling Mount	Junction Mount	Wall Mount
PFB300C+PFA108+PFA111		PFB303W+PFA108+PFA111

# Dimensions:

