

TDODIA4302

4MP WDR IR MINI DOME NETWORK CAMERA



FEATURES:

- 4MP, 1/3" CMOS image sensor, low illuminance, high image definition
- Outputs 4MP (2560 × 1440)@25/30 fps, max. supports 4MP (2688 × 1520) @ 20 fps
- H.265 codec, high compression rate, ultra-low bit rate
- Built-in IR LED, max IR distance: 89ft
- ROI, SMART H.264/H.265, flexible coding, applicable to various bandwidth and storage environments
- Rotation mode, WDR, 3D DNR, HLC, BLC, digital watermarking, applicable to various monitoring scenes
- Intelligent detection: Intrusion, tripwire
- Abnormality detection: Motion detection, video tampering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, voltage detection
- Supports max. 256 GB Micro SD card
- 12V DC/PoE power support
- IP67, IK10 protection grade

Specifications:

Model	TDODIA4302			
Camera				
Image Sensor	1/3" 4Megapixel progressive CMOS			
Effective Pixels	2688(H) × 1520(V)			
ROM	128MB			
RAM	128MB			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual 1/3s–1/100000s			
Min. Illumination	0.008 Lux @ F1.6			
IR Distance	98.43ft			
IR On/Off Control	Auto / Manual			
IR LEDs Number	3			
Pan/Tilt/Rotation Range	Pan: 0°–355° Tilt: 0°–65° Rotation: 0°–355°			
Lens				
Lens Type	Fixed-focal			
Mount Type	M12			
Focal Length	2.8mm			
Max. Aperture	F1.6			
Field of View	Pan: 102°, Tilt: 55°, Diagonal: 121°			
Iris Type	Fixed aperture			
Close Focus Distance	0.9m (2.95ft)			
DORI Distance	Detect	Observe	Recognize	Identify
	56m(183.73ft)	22.4m(73.49ft)	11.2m(36.75ft)	5.6m(19.37ft)
Smart Event				
General IVS Analytics	Tripwire; intrusion			

Video	
Video Compression	H.265; H.264; H.264B; MJPEG
Smart Codec	Yes
Video Frame Rate	Main stream: 2688 × 1520 (1 fps–20 fps) 2560 × 1440 (1 fps–25/30 fps) Sub stream: 704 × 576 (1 fps–25 fps) 704 × 480 (1 fps–30 fps)
Streaming Capability	2 Streams
Resolution	2688 × 1520 (2688 × 1520); 2560 × 1440 (2560 × 1440); 2304 × 1296 (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)
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 32 Kbps – 6144 Kbps H.265: 12 Kbps – 6144 Kbps
Day/Night	Auto (ICR) / Color / B/W
BLC	Yes
HLC	Yes
WDR	120 dB
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual/Regional custom
Gain Control	Auto/Manual
Noise Reduction	3D DNR
Motion Detection	Off / On (4 areas, rectangular)
Region of Interest (ROI)	Yes (4 areas)
Smart IR	Yes
Image Rotation	0°/90°/180°/270° (Supports 90°/270° with 2688 × 1520 resolution and lower.)
Mirror	Yes
Privacy Masking	4 areas
Network	
Network	RJ-45 (10/100Base-T)
Protocol	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; 802.1x; Bonjour

Interoperability	ONVIF (Profile S/Profile G/Profile T); CGI; P2P; Milestone; Genetec
User/Host	20
Edge Storage	ToughDog Cloud; FTP; SFTP; Micro SD Card (support max. 256 GB); NAS
Browser	IE, Chrome, Firefox
Management Software	TD-SMS, ToughDog Viewer
Mobile Phone	IOS, Android
Certifications	
Certifications	CE-LVD: EN60950-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B UL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07
Power	
Power Supply	12V DC/PoE (802.3af)
Power Consumption	<5.2W
Environment	
Operating Conditions	-40°C to +60°C (-40°F to +140°F) / less than ≤95% RH
Storage Temperature	-40°C to +60°C (-40°F to +140°F)
Protection Grade	IP67; IK10
Structure	
Casing	Metal
Dimensions	81mm x Φ109.9mm (3.19" × Φ4.33")
Net Weight	0.350 kg (0.77lb)
Gross Weight	0.491 kg (1.08lb)

Accessories:

Optional:



PFA136
Junction Box



PFA200W
Rain Shade



PFB203W
Wall Mount



PFA152-E
Pole Mount



PFA106
Mount Adapter



PFB220C
Ceiling Mount



PFM321D
DC12V1A Power
Adapter



LR1002-1ET/1EC
Single-port Long
Reach Ethernet over
Coax Extender



PFM900-E
Integrated Mount
Tester



PFM114
TLC SD Card

Junction Mount	Wall Mount	Wall Mount	Pole Mount
PFA136	PFA136+PFA200W	PFB203W	PFB203W+PFA152-E
			
Ceiling Mount			
PFA106+PFB220C			
			

Dimensions:

