

TDOBIS550L2A

5MP WDR IR BULLET AI NETWORK CAMERA



FEATURES:

- 1/2.7" 5Megapixel progressive scan CMOS
- H.265 & H.264 triple-stream encoding
- 20 fps@2592 × 1944, 50/60 fps@1080 (1920 × 1080)
- WDR (120 dB), Day/Night (ICR), 3D DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS (DSS/PSS) & DMSS
- 2.8 mm fixed lens
- 1/1 Alarm in/out, 1/1 audio in/out (Built-in Speaker)
- Max. IR LEDs Length 197ft
- Micro SD memory, IP67

Specifications:

Model	TDOBIS550L2A			
Camera				
Image Sensor	1/2.7" 5Megapixel progressive scan CMOS			
Effective Pixels	2592(H) × 1944(V)			
RAM/ROM	512MB / 128MB			
Scanning System	Progressive			
Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s			
Minimum Illumination	0.005Lux@F1.6			
IR Distance	Up to 197ft			
IR On/Off Control	Auto / Manual			
IR LEDs	2 IRs, 1 LED			
Lens				
Lens Type	Fixed			
Mount Type	Board-in			
Focal Length	2.8mm			
Max Aperture	F1.6			
Angle of View	H:102°, V:71°			
Optical Zoom	N/A			
Aperture Type	Fixed			
Close Focus Distance	0.9m (2.95ft)			
DORI Distance	Detect	Observe	Recognize	Identify
	56m(184ft)	22m(72ft)	11m(36ft)	6m(20ft)
PTZ				
Pan/Tilt/Rotation Range	Pan:0° ~360 ° ;Tilt:0° ~90° ;Rotation:0° ~360°			
Artificial Intelligence				
Event Trigger	Motion detection, Video tampering, Scene changing, Network disconnection, IP address conflict, Illegal access, Storage anomaly			
General Intelligence	Object Abandoned/Missing			
Video				
Compression	H.265+, H.265, H.264+, H.264, H.264B, H.264H, MJPEG (sub stream)			
Streaming Capability	3 Streams			
Resolution	2592 × 1944/2688 × 1520/2560 × 1440/2304 × 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: 2592 × 1944 (1 fps–20 fps) 2560 × 1440 (1 fps–25/30 fps) 1920 × 1080 (1 fps–50/60 fps)			

	Sub Stream: D1 (1 fps–20/30 fps) D1 (1 fps–50 fps)
	Third Stream: 1080P (1 fps–17 fps)
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 32Kbps ~ 8192Kbps H.265: 19Kbps ~ 8192Kbps
Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / WDR (120dB)
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	N/A
Flip	0°/90°/180°/270°
Mirror	Off / On
Privacy Masking	Off / On (4 Area, Rectangle)
Audio	
Compression	G.711a, G.711Mu, G.726, AAC, G.723
Network	
Ethernet	RJ-45 (10/100Base-T)
Protocol	HTTP, TCP, ARP, RTSP, RTP, UDP, RTCP, SMTP, FTP, DHCP, DNS, DDNS, PPPoE, IPv4/v6, SNMP, QoS, UPnP, NTP, ICMP, HTTPS, IGMP, 802.1x
Interoperability	ONVIF (Profile S/Profile G), CGI, Milestone, Genetec, P2P
Streaming Method	Unicast / Multicast
Max. User Access	20users
Edge Storage	NAS FTP Micro SD Card 256GB
Web Viewer	IE (versions newer than IE8), Chrome, Firefox, Safari (versions newer than Safari 12)
Management Software	TD-SMS, ToughDog Viewer, P2P
Smart 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
Interface	

Video Interface	N/A
Audio Interface	1/1 channel In/Out, Built-in Speaker
RS485	N/A
Alarm	1 channel In: 5mA 5V DC 1 channel Out: 300mA 12V DC
Electrical	
Power Supply	DC 12V (±30%), PoE (802.3af) (Class 0)
Power Consumption	<8.5W
Environmental	
Operating Conditions	-30° C to +60° C (-22° F to +140° F) / 10% RH–95%RH
Storage Conditions	-30° C to +60° C (-22° F to +140° F)
Ingress Protection	IP67
Vandal Resistance	N/A
Construction	
Casing	Metal
Dimensions	244.1mm×79mm×75.9mm (9.61" x 3.11"x 2.99")
Net Weight	0.815Kg (1.80lb)
Gross Weight	1.08Kg (2.38lb)

Accessories:

Optional:



PFA130-E
Junction box



PFA152-E
Pole Mount



PFA151
Corner Mount

Junction Mount	Pole Mount	Corner Mount
PFA130-E	PFA130-E + PFA152-E	PFA130-E + PFA151

Dimensions (mm/inch):

