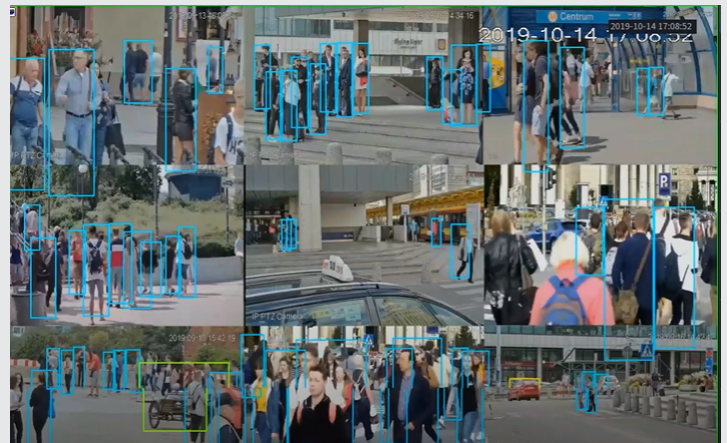
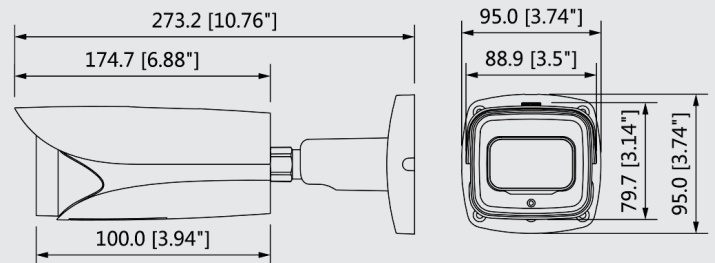




FEATURES

- 1/2.7" 5Megapixel progressive scan Starlight CMOS
- Artificial Intelligence video IVS
- H.265&H.264 triple-stream encoding
- 20 fps@2592 × 1944, 50/60 fps@1080P(1920 × 1080)
- Day/Night(ICR), 3DNR, AWB, AGC, BLC
- Multiple network monitoring: Web viewer, CMS(DSS/ PSS) & MT Mobile
- 2.7mm ~13,5mm motorized lens
- 2/1 Alarm in/out, 1/1 audio in/out
- Max. IR LEDs Length 50m
- Micro SD memory, IP67, IK10, PoE



Artificial Intelligence - Object classification

MT-IPB550Z4EAI

TECHNICAL SPECIFICATIONS

Camera	Image Sensor	1/2.7" 5 Megapixel progressive Starlight			
	Effective Pixels	2592(H)x1944(V)			
	RAM/ROM	1GB/128MB			
	Scanning System	Progressive			
	Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s			
	Min. Illumination	0.005Lux/F1.4 (Color,1/3s,30IRE) 0Lux/F1.4(IR on)			
	S/N Ratio	More than 50dB			
	IR Distance	Distance up to 50m (164ft)			
	IR On/Off Control	Auto / Manual			
	R LEDs	4			
Lens	Lens Type	Motorized/ Auto Iris(DC)			
	Mount Type	Board-in			
	Focal Length	2.7mm~13.5mm			
	Max Aperture	F1.4			
	Angle of View	H:100°~28° , V:72°~21°			
	Optical Zoom	4x			
	Focus Control	Motorized			
	Close Focus Distance	0.3m			
	DORI Distance		Lens	W	T
		Detect	64m(210ft)	212m(696ft)	
Observe		26m(85ft)	85m(279ft)		
Recognize		13m(43ft)	42m(138ft)		
Identify		6m(20ft)	21m(69ft)		
Pan/Tilt/Rotation Range	Pan:0°~360°; Tilt:0°~90°; Rotation:0°~360°				
Intelligence	IVS	Tripwire, Intrusion, Object Abandoned/ Missing Face Detection			
	Artificial Intelligence	Face Attributes , Perimeter Protection People Counting			
Video	Compression	H.265+/H.265/H.264+/H.264			
	Streaming Capability	3 Streams			
	Resolution	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: 2560x1440(1~20fps)/4M(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 Detetion	Off / On (4 Zone, Rectangle)			
	Region of Interest	Off / On (4 Zone)			
	Smart IR	Support			
	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		
		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	CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B				
Interface	Audio Interface	1/1 channel In/Out			
	Alarm	2 channel In: 5mA 5VDC 1 channel Out: 300mA 12VDC			
Electrical	Power Supply	DC12V, PoE (802.3af)(Class 0)			
	Power Consumption	<12.95W			
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	273.2mm×95.0mm×95.0mm (10.76"×3.74"×3.74")			
	Net Weight	1.11Kg (2.44lb)			
	Gross Weight	1.51Kg (3.33lb)			

Datasheet rev.A18.3