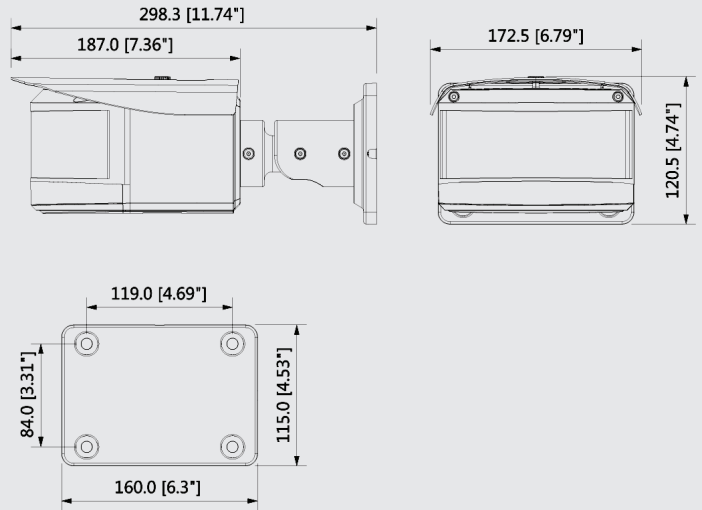




FEATURES

- Four 1/2.8" 2Megapixel progressive scan STARVIS. CMOS
- H.265/H.264 triple-stream encoding
- Max 25/30fps@4096x1800
- Support 180-degree panoramic view
- Day/Night(ICR), 3DNR, AWB, AGC, BLC,WDR
- Ai Smart detection
- Intelligent Function
- Max. IR LEDs length 30m
- Micro SD memory, IP67, IK10,PoE+



MT-IPF860-180

TECHNICAL SPECIFICATIONS

Camera	Image Sensor	Four 1/2.8" 2Megapixel progressive scan CMOS		
	Effective Pixels	4096(H)x1800(V)		
	RAM/ROM	2-4GB		
	Scanning System	Progressive		
	Electronic Shutter Speed	Auto/Manual, 1/3~1/100000s		
	Min. Illumination	0.002 Lux@F1.6 (Color, 30IRE) 0.0002 Lux@F1.6 (B/W, 30IRE)		
	S/N Ratio	More than 50dB		
	IR Distance	Distance up to 30m(98ft)		
	IR On/Off Control	Auto / Manual		
	R LEDs	8		
Lens	Lens Type	Fixed		
	Mount Type	Board-in		
	Focal Length	2.8mm		
	Max Aperture	F1.8		
	Angle of View	H: 180°, V:90°		
	Focus Control	Fixed		
	DORI Distance	Detect	52m(171ft)	
		Observe	21m(69ft)	
		Recognize	10m(33ft)	
		Identify	5m(16ft)	
Pan/Tilt/Rotation Range	Pan:0°~360°; Tilt:0°~90°; Rotation:0°~360°			
Intelligence	IVS	Tripwire, Intrusion, Object Abandoned/Missing		
	Advanced Intelligent Functions	Heat Map, E-PTZ		
Video	Compression	H.265+/H.265/H.264+/H.264		
	Streaming Capability	3 Streams		
	Resolution	4096×1800/3840×780/2560×520/ 1280x260/1024X208		
	Frame Rate	Main Stream: 4096x1800(1~25/30fps) Sub Stream: 1024X208 (1 ~ 25/30fps) Third Stream: 1280x260 (1 ~ 25/30fps)		
	Bit Rate Control	CBR/VBR		
	Bit Rate	H.265: 4Kbps~ 10Mbps H.264: 8Kbps~ 16Mbps		
	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 Detetion	Off / On (4 Zone, Rectangle)		
	Region of Interest	Off / On (4 Zone)		
	Smart IR	Support		
	Digital Zoom	16x		
	Privacy Masking	Off / On (4 Area, Rectangle)		

Audio	Compression	G.711a/G.711Mu/AAC/ G.726	
	Ethernet	RJ-45 (100/1000Base-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	Video Interface	1 Port(For adjustment only)	
	Audio Interface	1/1 channel In/Out	
	Alarm	2 channel In: 5mA 5VDC 1 channel Out: 1A 30VDC / 0.5A 50VAC	
Electrical	Power Supply	AC24V 12Vdc, PoE+ (802.3at) (Class 4)	
	Power Consumption	<17W	
Environmental	Operating Conditions	-40° C ~ +60° C (-40° F ~ +140° F) / Less than 95% RH	
	Storage Conditions	-40° C ~ +60° C (-40° F ~ +140° F) / Less than 95% RH	
	Ingress Protection	IP67	
	Vandal Resistance	IK10	
Construction	Casing	Metal	
	Dimensions	298.3mm×172.5mm×120.5mm (11.74"×6.79"×4.74")	
	Net Weight	2.60kg(5.73lb)	
	Gross Weight	3.41 kg(7.52lb)	

Datasheet rev.A18.2