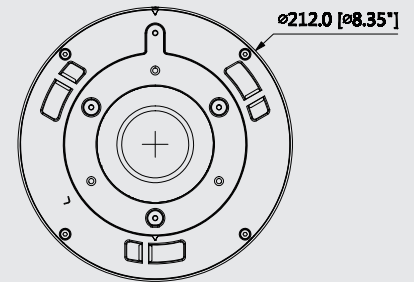
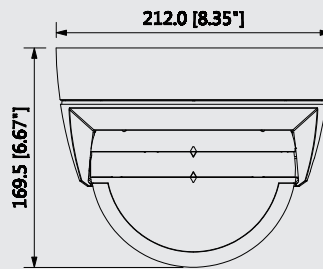




### FEATURES

- Four 1/1.9" 2Megapixel progressive scan CMOS
- H.265/H.264 triple-stream encoding
- Max 25fps@4096x1800
- Support 180-degree panoramic view
- Day/Night(ICR), 3DNR, AWB, AGC, BLC ,WDR
- Smart detection
- Intelligent Function
- Max. IR LEDs length 30m
- Micro SD memory, IP67, IK10,PoE+



# MT-IPFD880-180

## TECHNICAL SPECIFICATIONS

Camera	<b>Image Sensor</b>	Four 1/1.9" 2Megapixel progressive scan CMOS			
	<b>Effective Pixels</b>	4096(H)x1800(V)			
	<b>RAM/ROM</b>	1024MB/128MB			
	<b>Scanning System</b>	Progressive			
	<b>Electronic Shutter Speed</b>	Auto/Manual, 1/3~1/100000s			
	<b>Min. Illumination</b>	0.005Lux/F2.2( Color,1/3s,30IRE) 0.03Lux/F2.2( Color,1/30s,30IRE) 0Lux/F2.2(IR on)			
	<b>S/N Ratio</b>	More than 50dB			
	<b>IR Distance</b>	Distance up to 30m (98ft)			
	<b>IR On/Off Control</b>	Auto / Manual			
	<b>IR LEDs</b>	6			
Lens	<b>Lens Type</b>	Fixed			
	<b>Mount Type</b>	Board-in			
	<b>Focal Length</b>	5.0mm			
	<b>Max Aperture</b>	F2.2			
	<b>Angle of View</b>	H: 180°, V:80°			
	<b>Focus Control</b>	Fixed			
	<b>DORI Distance</b>	Detect	Observe	Recognize	Identify
	53m(178ft)	21m(69ft)	10m(33ft)	5m(17ft)	
<b>Pan/Tilt/Rotation Range</b>		Pan:0°~355°; Tilt:0°~75°; Rotation:±20°			
Intelligence	<b>Event Trigger</b>	Motion detection, Video tampering, Scene changing, Network disconnection, IP address conflict, Illegal Access, Storage anomaly			
	<b>IVS</b>	Tripwire, Intrusion, Object Abandoned/ Missing			
	<b>Advanced Intelligent Functions</b>	Heat Map, E-PTZ			
Video	<b>Compression</b>	H.265/H.264/H.264B/H.264H/MJPEG (Sub Stream)			
	<b>Smart Codec</b>	Support H.265+/H.264+			
	<b>Streaming Capability</b>	3 Streams			
	<b>Resolution</b>	4096×1800/3840×1680/2880×1264/ /1920x832/1280x560/1024X452			
	<b>Frame Rate</b>	Main Stream: 4096x1800 (1~25fps) Sub Stream: 1024X452 (1 ~ 25fps) Third Stream: 1920x832 (1 ~ 25fps)			
	<b>Bit Rate Control</b>	CBR/VBR			
	<b>Bit Rate</b>	H.265: 9Kbps~ 9472Kbps H.264: 24Kbps~ 15616Kbps			
	<b>Day/Night</b>	Auto(ICR) / Color / B/W			
	<b>BLC Mode</b>	BLC / HLC / WDR(120dB)			
	<b>White Balance</b>	Auto/Natural/Street Lamp/ Outdoor/Manual			
	<b>Gain Control</b>	Auto/Manual			
	<b>Noise Reduction</b>	3D DNR			
	<b>Motion Detetion</b>	Off / On (4 Zone, Rectangle)			
	<b>Region of Interest</b>	Off / On (4 Zone)			
	<b>Smart IR</b>	Support			
	<b>Digital Zoom</b>	16x			
	<b>Privacy Masking</b>	Off / On (4 Area, Rectangle)			

Audio	<b>Compression</b>	G.711a/G.711Mu/AAC/ G.726			
	<b>Ethernet</b>	RJ-45 (100/1000Base-T)			
	<b>Protocol</b>	HTTP;HTTPS;TCP;ARP; RTSP;RTP;UDP;RTCP;SMTP; FTP;DHCP;DNS;DDNS; PPPOE;IPv4/v6;QoS;UPnP; NTP;Bonjour;IEEE 802.1x; Multicast;ICMP;IGMP; SNMP;TLS			
		<b>Interoperability</b>	ONVIF Profile S&G, API		
		<b>Streaming Method</b>	Unicast / Multicast		
	<b>Max. User Access</b>	10 Users/20 Users			
	<b>Edge Storage</b>	NAS Local PC for instant recording Mirco SD card 128GB			
	<b>Web Viewer</b>	IE, Chrome, Firefox, Safari			
	<b>Management Software</b>	Smart PSS, DSS, DMSS			
	<b>Smart Phone</b>	IOS, Android			
<b>Certifications</b>	CE (EN 60950:2000) UL:UL60950-1 FCC: FCC Part 15 Subpart B				
	<b>Video Interface</b>	1 Port(For adjustment only)			
<b>Interface</b>	<b>Audio Interface</b>	1/1 channel In/Out			
	<b>Alarm</b>	2 channel In: 5mA 5VDC 2 channel Out: 1A 30VDC / 0.5A 50VAC			
<b>Electrical</b>	<b>Power Supply</b>	AC24V, PoE+(802.3at)(Class 4)			
	<b>Power Consumption</b>	<25.5W			
<b>Environmental</b>	<b>Operating Conditions</b>	-40° C ~ +60° C (-40° F ~ +140° F) / Less than 95% RH			
	<b>Storage Conditions</b>	-40° C ~ +60° C (-40° F ~ +140° F) / Less than 95% RH			
	<b>Ingress Protection</b>	IP67			
	<b>Vandal Resistance</b>	IK10			
<b>Construction</b>	<b>Casing</b>	Metal			
	<b>Dimensions</b>	Φ212mm- ×169.5mm(Φ8.35"×6.67")			
	<b>Net Weight</b>	3.6kg(7.9lb)			
	<b>Gross Weight</b>	4.6kg(10.1lb)			

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