

IPC-TDFW8MP-AI(II)-M



- F1.0 Aperture Lens
- 1/8" Progressive Scan CMOS
- Audio & Light Alarm
- Customizable Voice
- 24/7 All-weather Color Images

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- Providing real-time video output at maximum resolution 3840×2160@30fps
 - Supports ROI (Region of Interest)
 - Supports backlight compensation, strong light suppression, 3D digital noise reduction, 120dB wide dynamic range, suitable for different video environments
 - Supports AI
 - Equipped with 1 built-in microphone, 1 built-in speaker
 - Designed to meet IP67 dust and water resistance standards

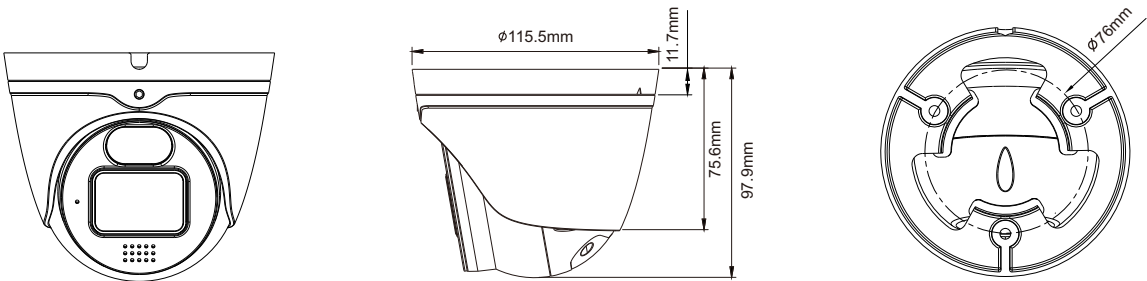
■ Specification

Video	
Imaging Device	1/1.8"
Effective Pixels	8MP (3840x2160)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.0007 Lux @(F1.0, AGC ON); B/W 0 lux @ IR ON
Lens Type	
Focal Length (Zoom Ratio)	2.8mm
Max. Aperture Ratio	F No. 1.0
Angular Field of View	Horizontal: 110°, Vertical: 59°, Diagonal: 131°
Min. Object Distance	1m
Lens Type	Fixed(M12)
Operational	
IR LED	NA
WarmLight	2
Red Blue Light	2(1 Red&1 Blue)
WarmLight Viewable Length	Up to 20m
Type of complementary light	Default warm light
Motion Detection	Off/On (8 Level)
Wide Dynamic Range	WDR
Digital Noise Reduction	3D DNR
Image Setting	Full Color Mode
White Balance	Auto/Manual
Electronic Shutter Speed	1/5 ~ 1/20000s
On-Board Storage	Micro SD slot, up to 256GB
Alarm	NA
Audio	Built-in microphone&Speaker

Custom Voice	Yes
Hardware Reset	Yes
Smart Feature	Face Recognition, Pedestrian & Vehicle, Perimeter Intrusion, Line Crossing , Object Detection, Crossing Counting, Heat Map, Crowd Density, Queue Length, License Plate, Rare Sound, Intrusion, Region Entrance, Region Exiting
Network	
Ethernet	RJ45(10/100BASE-T)
Video Compression Format	H.265/H.264/H.265+/H.264+/MJPEG
Resolution	Mainstream 8MP(3840x2160),5MP(2592x1944,3072x1728), 4MP(2592x1520),3MP(2304x1296),1080P(1920x1080) Substream 1080P(1920x1080),720P(1280x720),VGA(640x480) Mobilestream VGA(640x480), QVGA(320x240)
Video Quality Adjustment	256Kbps ~ 16Mbps
Bitrate control method	CBR/VBR
IP	IPV6
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP
Security	IP address filter;complicated password;Authenticated username and password
Application Programming Interface	ONVIF(Profile S/G/T/M)
Web Viewer	IE10/11 Safari V12.1 above Firefox V.52 above Google chrome V.57 above Edge V.79 above
Environmental	
Operating Conditions	-35~+60°C/less than ≤ 90% RH
Ingress Protection	IP67

Electrical	
Input Voltage / Current	D12V/PoE(IEEE802.3af)
Power Consumption	DC12V:max 6.17W; POE(48V): max 6.96W
Mechanical	
Material	Metal

■ Dimension



■ Accessory (Optional)

	DVRJBW-UW	
	DVR(W/C)M-UW	