



TG-297AI



SOLUTIONS SECURING YOUR WORLD

KEY FEATURES

- 2MP AI AF Motorized Mini Dome Network Camera
- AI Video Analytics
- Smart IR, up to 35m IR distance
- Smart Streams
- 140dB Super WDR
- Min. Illumination Color: 0.002Lux@F1.2
- Built-In Microphone
- SIP (Session Initiation Protocol)
- IP67, IK10

SPECIFICATIONS

Description	2MP @60fps H.265+/H.265/H.264+/H.264, 140dB Super WDR AI Motorized Mini Dome Network Camera	
Camera	Image Sensor	1/2.8 Progressive Scan CMOS
	Lens	2.8~8.4mm, 3X Optical Zoom
	Field of View	H111°~ H48°/D130°~D55°/V60°~V27°
	Shutter	1/100000s~1s
	Minimum Illumination	Color: 0.002Lux @ F1.2 / Color: 0.005Lux @ F1.4/ B/W: 0Lux with IR on
	Day/Night	Day/Night/Auto/Customize/Schedule
	IR Range	Up to 35m
	WDR	140dB Super WDR
Video	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG
	Primary Stream	60fps @ (1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	60fps @ (704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x180)
	Tertiary Stream	30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x180)
	Image Setting	Brightness/Contrast/Saturation/Sharpness
	Iris Control	Auto/Manual
	ROI/Privacy mask	Up to 8 areas
System	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, People Counting, Object Left
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, EIS, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark
	Event Trigger	Motion Detection, Network Disconnection
	System Compatibility	ONVIF Profile G & Q & S & T, API
	Face detection	Detect and capture faces, get real-time snapshots
	People Counting & Report	Count the number of people entering or exiting, Up to 4 detection areas for regional people counting
Storage	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
Network	Protocols	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL
	Network Storage	NAS(Support NFS, SMB/CIFS), ANR
Interface	Ethernet	1*RJ45 10M/100M Ethernet Port
	Audio I/O	Built-in Microphone and 1 Audio Output interface
General	Power	PoE (802.3af) / DC 12V±10%
		Power consumption: 6W MAX, 8W MAX (With IR on)
	Operating Conditions	40°C ~ 60°C, 0~90%(Non-condensing)
	Ingress Protection Level	Vandal-proof IK10-rated Metal Housing / Up to IP67-rated
	Dimensions	108mmX96.5mm
Weight	620g	

ACCESSORIES



PM - 297AI
Pole mount



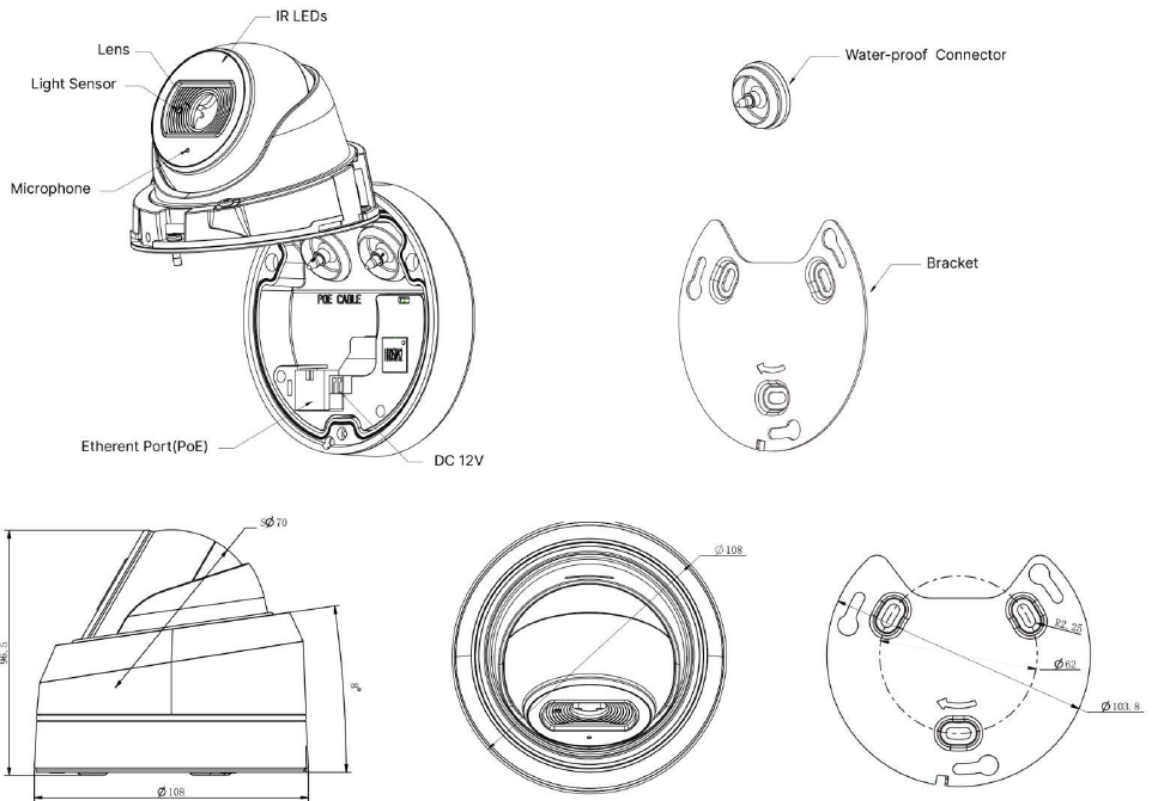
WM- 297AI
External Corner box



WM- 297AI
Wall Mount

DIMENSIONS

Structure Diagrams



Units : mm

PARTCODE

TG-297AI

DESCRIPTION

2MP@60fps AI AF Motorized Mini H.265+/H.265/H.264+/H.264
Dome Network Camera AF lens 2.8~8.4mm, Ultra Low-light
Color:0.002Lux@F1.2, SuperWDR 140dB, IR35m, Support VCA
People Counting, Face Detection, Built-in Mic, IP67/IK10

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