



# TG-297LF



**SOLUTIONS SECURING YOUR WORLD**

## KEY FEATURES

- 2MP Ai Vandal-proof Mini Dome Network Camera
- Ai Video Analytics
- Smart IR, up to 30m IR distance
- Anti Vibration: Complying with transportation-industries regulation of EN50155 standard
- 140dB Super WDR
- Min. Illumination Color: 0.002Lux@F1.2
- Built-in Microphone
- SIP (Session Initiation Protocol)
- IP67, IK10

# SPECIFICATIONS

<b>Description</b>	2MP @60fps H.265+/H.265/H.264+/H.264, 140dB Super WDR AI Vandal-proof Mini Dome Network	
<b>Camera</b>	Image Sensor	1/2.8" Progressive Scan CMOS
	Lens	2.8mm/4mm/6mm @ F1.6
	Angle of View(H)	H111°/D128°/V61°(2.8mm)
	Angle of View (V)	H91°/D106°/V50°(4mm)
	Angle of View (D)	H55°/D63°/V32°(6mm)
	Shutter	1/1000000s~1s
	Minimum Illumination	Color: 0.002Lux @ F1.2 / Color: 0.005Lux @ F1.6 / B/W: 0Lux with IR on
	Day/Night	Day/Night/Auto/Customize/Schedule
	IR Range	Up to 30m
	WDR	140dB Super WDR
<b>Video</b>	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
	Video Bit Rate	16Kbps~16Mbps (CBR/VBR Adjustable)
	ROI/Privacy mask	Up to 8 areas
<b>System</b>	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection Line Crossing, Loitering, Object Left, Object Removed
	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, Audio Alarm, etc
	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
<b>Storage</b>	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
<b>Network</b>	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
<b>Interface</b>	Ethernet	1*RJ45 10M/100M Ethernet Port
	Audio I/O	Built-in Microphone and 1 Audio Output interface
	Two-way Audio	Support
<b>General</b>	Power	PoE (802.3af) / DC 12V±10%
		Power consumption: 5W MAX 6W MAX (With IR on)
	Operating Conditions	40°C ~ 60°C, 0~90%(Non-condensing)
	EN50155	Supported
	Ingress Protection Level	Vandal-proof IK10-rated Metal Housing / Up to IP67-rated
	Dimensions	118.5mmX110.8mmX65mm
	Weight	500g

## ACCESSORIES



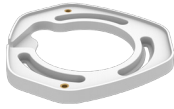
PM - 297LF  
Pole mount



ECB- 297LF  
External Corner bracket



WM- 297LF  
Wall Mount



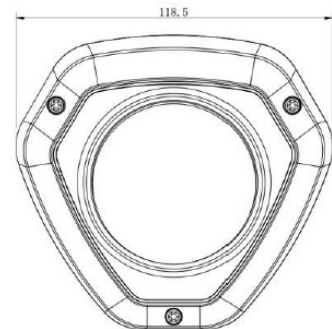
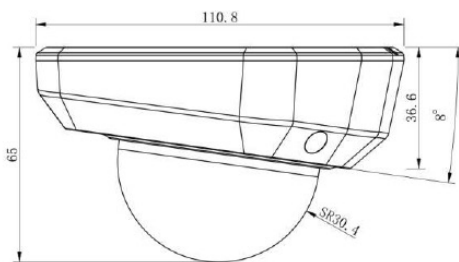
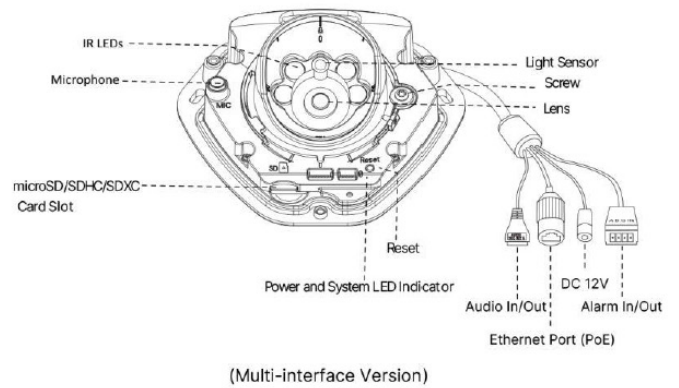
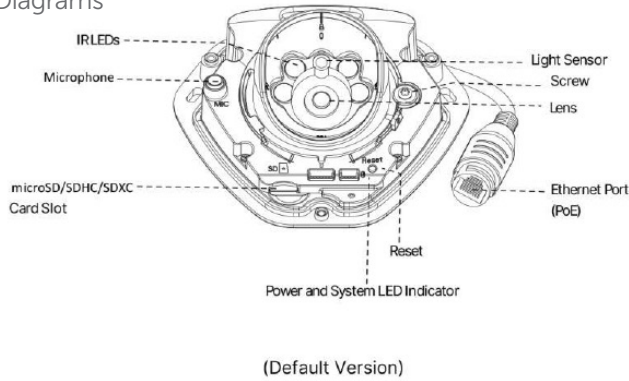
AP - 297LF  
Adapter Plate



JB- 297LF  
Junction box

## DIMENSIONS

### Structure Diagrams



Units : mm

### PARTCODE

### DESCRIPTION

TG-297LF

2MP @60fps AI Vandal-proof Mini H.265+/H.265/H.264+/H.264 Dome Network Camera, Fixed Lens 2.8mm, Ultra Low-light Color:0.002Lux@F16, SuperWDR 140dB, IR30m, Support VCA People Counting, Face Detection, Built-in Mic, IP67/IK10, PoE.

UAE Address:  
P3-Hamriyah Business Centre  
PO Box 50235  
Hamriyah Free Zone - Sharjah - UAE.  
E-mail: info@tgen5.com  
Tel : +97143488459