



# TG-V83ZB



**SOLUTIONS SECURING YOUR WORLD**

## KEY FEATURES

- 8MP Bullet Motorized, H.265+ HD Bullet Network Camera
- 50 ~ 70m IR night view distance
- 3D DNR, HLC, BLC, Defog, Smart IR & ROI coding
- WDR 120dB
- 1CH audio input
- Support 3 streams
- DC12V/ PoE power supply
- 128GB Supports External Storage
- Intelligent analytics
- IP67

# SPECIFICATIONS

<b>Description</b>	8MP Bullet Motorized Lens 2.8-12mm, H.265+, True WDR, Smart IR HD bullet camera	
<b>Camera</b>	Image Sensor	1 / 2.8 "CMOS
	Shutter	1 s ~ 1 / 100000 s
	Minimum Illumination	0.05 lux @ F1.4, AGC ON; 0 lux with IR, 0.032 lux @ F1.2, AGC ON; 0 lux with IR
	Field of View	Horizontal:104.7°~32.5°; Vertical :72.2°~18.6°; Diagonal:112.2°~37°
	Lens	2.8~12mm @ F1.4, motorized
	Digital NR	3D DNR
	IR Distance	Up to 70m
	WDR	120dB
	Video Compression	H.265+ / H.265 / H.264+ / H.264
	H.264 Compression	Baseline Profile/Main Profile/High Profile
	Resolution	8MP ( 3840 × 2160 ), 6MP( 3072 × 2048 ),5MP( 2592 × 1944), 4MP ( 2560 × 1440 ), 1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ), D1, CIF, 480 × 240
	Primary Stream	60Hz : 8MP/6MP(1~20fps), 5MP/4MP/1080P(1~30fps) 50Hz : 8MP/6MP (1~20fps), 5MP/4MP/1080P(1~25fps)
	Secondary Stream	720P/D1/CIF/480 × 240(60Hz: 1~30fps; 50Hz: 1~25fps)
	Tertiary Stream	D1/CIF/480 × 240 (60Hz: 1~30fps; 50Hz: 1~25fps)
	Bit Rate	64 Kbps ~ 12 Mbps
	Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness,
	ROI	Each ROI to be configured separately
	<b>Audio</b>	Audio
<b>System</b>	Remote Monitoring	Web browsing, CMS remote control
	Online Connection	Support simultaneous monitoring for up to 10 users;; Support multi-stream real time transmission
	Interface Protocol	ONVIF
	Smart Alarm	Motion detection, SD card error, SD card full
	Intelligent Analytics	Scene change, video blur detection, video color cast detection , line crossing detection, intrusion detection
	Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction
<b>Storage</b>	Storage	Network remote storage; micro SD card storage
<b>Network</b>	Protocols	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, ICMP, IGMP, FTP, PPPoE, DDNS, SMTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, QoS
<b>Interface</b>	Ethernet	1*RJ45 10M/100M Ethernet Port
<b>General</b>	Power	DC12V/PoE
		Power consumption: < 12W
	Operating Conditions	- 30 °C ~ 60°C (-22°F~140°F) Humidity: less than 95 % (non condensing)
	Dimensions	279.5 × 100.3 × 88.9
	Weight	Approx. 1.12 Kg

## ACCESSORIES



PM-V83ZB  
Pole Mount



ECB-V83ZB  
External Corner Bracket



JB-V83ZB  
Junction Box

## DIMENSIONS

Structure Diagram

Units : mm

### PARTCODE

### DESCRIPTION

TG-V83ZB

8MP Bullet Motorized Lens 2.8 to 12mm, H.265+/True WDR  
120dB, Smart IR upto 70mm, Smart Analytics, Alarms, Audio, DC12V/  
PoE,

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

H

