



TG-V83ZD



SOLUTIONS SECURING YOUR WORLD

KEY FEATURES

- 8MP Motorized, H.265+/H.265 HD Dome Network Camera
- 30 ~ 50m 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/IK10

SPECIFICATIONS

Description	8MP Motorized Lens 2.8-12mm, H.265+, True WDR, Smart IR HD bullet camera	
Camera	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 50m
	WDR	120dB
Video	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
	Audio	Audio
System	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
Storage	Storage	Network remote storage; micro SD card storage
Network	Protocols	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, ICMP, IGMP, FTP, PPPoE, DDNS, SMTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, QoS
Interface	Ethernet	1*RJ45 10M/100M Ethernet Port
	Alarm	1CH alarm input; 1CH alarm output
	Video Output	CVBS output (BNC×1)
General	Power	DC12V/PoE
		Power consumption: < 10.5W
	Operating Conditions	- 30 °C ~ 60°C (-22°F~140°F) Humidity: less than 95 % (non condensing)
	Dimensions	141 × 100.2
Weight	Approx. 0.89 Kg	

ACCESSORIES



PM-V83ZD
Pole Mount



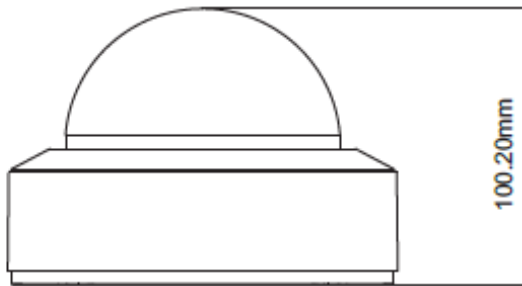
ECB-V83ZD
External Corner Bracket



JB-V83ZD
Junction Box

DIMENSIONS

Structure Diagram



141.00mm

Units : mm

PARTCODE

DESCRIPTION

TG-V83ZD

8MP Dome Motorized Lens 2.8 to 12mm, H.265+/True WDR
120dB, Smart IR upto 50mm, Smart Analytics, Alarms, Audio, DC12V/
PoE,

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