



ZTIPB-EG8M-30F-AF

- Max.resolution: 8MP (3840 × 2160) @30fps
- Smart H.265/H.264 coding
- ICR auto switch, true day / night vision
- 50 ~ 70/80M (OPTINAL)IR night view distance; Motorized zoom lens
- 3D DNR, true WDR, HLC, BLC and ROI coding
- Support NIR and image distortion correction
- One CVBS output
- 1CH audio input and 1CH audio output
- Built-in micro SD card slot, up to 256GB/512GB(OPTINAL)
- 1CH alarm input; 1CH alarm output
- DC12V/PoE power supply
- IP67 protection grade
- Support three streams
- P2P function optional
- Support mobile surveillance by smart phones with iOS and Android OS
- Intelligent analytics

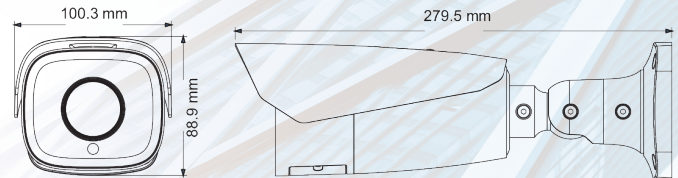


SPECIFICATIONS

Specifications	Model	ZTIPB-EG8M-30F-AF
Camera		
Image Sensor	1 / 1.8" CMOS	
Image Size	3840x2160	
Electronic Shutter	1 / 25 s ~ 1 / 100000 s	
Iris Type	DC Iris	
Min. Illumination	0.01 lux @F1.5, AGC ON; 0 lux with IR 0.008 lux @ F1.2, AGC ON; 0 lux with IR	
Lens	2.8 mm~12mm@F1.5, motorized lens;	
Field of View	Horizontal : 96°~45.6°; Vertical:64°~26.6°; Diagonal:103.8°~51.5°	
Lens Mount	Φ14	
Day & Night	on off , auto , ICR	
Day/Night switch	support auto schedule	
S/N (Signal - to - noise ratio)	≥50 dB	
Wide Dynamic Range	120dB	
BLC	Yes	
HLC	Yes	
Defog	Yes	
Digital NR	3D DNR	
Angle Adjustment	Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°	
DIGITAL ZOOM	8x	
Col&B&W	On,Off,Auto,IR-Cut Filter removal (ICR)	
Image		
Video Compression	Smart H.265 / H.265+ / H.265 / Smart H.264 / H.264+ / H.264 / MJPEG	
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile	
Resolution	8MP (3840 × 2160), 6MP(3072 × 2048),5MP(2592 × 1944), 4MP(2592 × 1520), 2K (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240	
Main Stream	60Hz : 8MP/6MP/5MP/4MP/2K/3MP/1080P/720P(1~30fps) 50Hz : 8MP/6MP/5MP/4MP/2K/3MP/1080P/720P(1~25fps) HFR Mode: 60Hz:1080P/720P(1~60fps); 50Hz:1080P/720P(1~50fps)	
Sub Stream	60Hz : 1080P/ 720P/D1/480 × 240 (1~30fps); 50Hz: 1080P/ 720P/D1/480 × 240 (1~25fps)	
Third Stream	60Hz : 720P/D1/CIF/480 × 240 (1~30fps); 50Hz: 720P/D1/CIF/480 × 240(1~25fps)	
Bit Rate	64 Kbps ~ 12 Mbps	
Bit Rate Type	VBR / CBR	
Audio Compression	G711A / U	
Image Settings	ROI, Saturation, Brightness, Chroma, Contrast, Wide Dynamic, Sharpen, NR, etc. adjustable through client software or web browser	
ROI	Each ROI to be configured separately	
Intelligent Analytics (Smart Events)		
Perimeter Protection	Line crossing, region entrance/exiting/intrusion (human/motor vehicle/ non-motor vehicle classification)	
Target Counting	Line crossing human/motor vehicle/non-motor vehicle counting	
Exception Detection	Scene change, video blur and video color cast detection	
Face Detection	Face detection and face capture	
General Intelligence	Crowd density detection, heat map, object abandoned/missing detection*	
Interfaces		
Network	RJ45	
Video Output	CVBS output (BNC × 1)	
Audio	1CH audio input; 1CH audio output	
Storage	Built-in micro SD card slot; up to 256GB /512 GB (OPTINAL)	
Reset	Yes	
Alarm	1CH alarm input; 1CH alarm output	

Functions	
Remote Monitoring	Web browsing, CMS remote control
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission
Network Protocol	HTTP, HTTPS, IP-4/IP-6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP V2/V3, ICMP, ICMPV6, ARP, DHCP, PPPoE
Network Interface	1x10, 100 Base T, TX POE (RJ-45)
Interface Protocol	ONVIF Profile S,G,T,M, support SDK and third-party management platform
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection; Sensor alarm; SD card error; SD card full; IP conflict; Network disconnection
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction, NIR, etc.
PoE	Yes
IR Distance	50 ~ 70 m /80m (OPTINAL)
Ingress Protection	IP 67
Others	
Power Supply	DC12V/PoE
Power Consumption	< 9.5W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F) Humidity: less than 95 % (non-condensing)
Dimensions (mm)	279.5 × 100.3 × 88.9
Weight (net)	Approx. 1.04KG
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)

DIMENSIONS



AVAILABLE ACCESSORIES

