



ZERO  TECH

TAKING YOU FORWARD

ZERO  TECH

ZTIPD-EGAI4M-AF

- 4MP (2592 × 1520) H.265 full real time coding
- Max. resolution: 2592 × 1520
- ICR auto switch, true day / night
- Motorized Zoom Lens 2.8-12mm (Optional 2.7-13.5mm)
- 30 ~ 50m IR night view distance
- 3D DNR, true WDR, HLC, BLC, Defog, Smart IR and ROI coding
- DC12V/PoE power supply
- IP67 &IK10
- Support three streams
- TrueWDR 120dB
- Intelligent analytics



Motion detection



AWB



HLC



WDR



BLC



POE



H.265



VCA



IP67



DEFOG



10 IK



-30°~60°



DAY&NIGHT

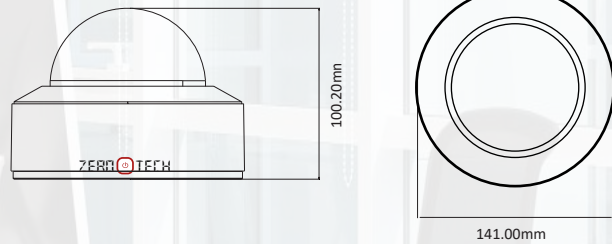


SPECIFICATIONS

Specifications	Model	ZTIPD-EGAI4M-AF
Camera		
Image Sensor	1 / 3" CMOS	
Image Size	2592 × 1520	
Electronic Shutter	1 / 30 s ~ 1 / 100000 s	
Iris Type	DC Iris	
Min. Illumination	0.0038 lux@F1.4, AGC ON; 0 lux with IR 0.0028 lux@F1.2, AGC ON; 0 lux with IR	
Lens	2.8~12mm@F1.4, motorized (Optional 2.7-13.5mm)	
Field of View	Horizontal: 94.2°~29.8°; Vertical: 62.4°~17°; Diagonal: 102°~33.9°	
Lens Mount	Φ14	
Day & Night	ICR	
Wide Dynamic Range	120dB	
BLC	Yes	
HLC	Yes	
Defog	Yes	
Digital NR	3D DNR	
Angle Adjustment	Pan: 0°~345°; Tilt: 0°~77°; Rotation: 0°~345°	
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	4MP (2592 × 1520), 2K (2560 × 1440), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 240	
Main Stream	4MP/2K/3MP/1080P / 720P (60Hz: 1 ~ 30fps; 50Hz: 1~25fps) HFR mode: 1080P / 720P (60Hz: 1 ~ 60fps; 50Hz: 1~50fps)	
Sub Stream	720P/D1/CIF/480×240 (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)	
Third Stream	D1/CIF/480×240 (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)	
Bit Rate	64 Kbps ~ 8 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	
Interfaces		
Network	RJ45	
Video Output	CVBS output (BNC × 1)	
Audio	1CH audio input; 1CH audio output; 1CH built-in MIC	
Storage	Built-in micro SD card slot; up to 128GB	
Reset	Yes	
Alarm	1CH alarm input; 1CH alarm output	
Intelligent Analytics (Smart Event)		
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*	
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	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, QoS	
Interface Protocol	ONVIF	
Storage	Network remote storage; micro SD card storage	
Smart Alarm	Motion detection, sensor detection, SD card error, SD card full, IP address conflict, cable disconnection	
General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, non-photosensitive switch, image distortion	

PoE	Yes, IEEE802.3af
IR Distance	30 ~ 50 m
Ingress Protection	IP67& IK10
Others	
Power Supply	DC12V/PoE
Power Consumption	< 8W
Operating Environment	-30 °C ~ 60 °C (-22°F ~ 140°F) Humidity: less than 95 % (non-condensing)
Dimensions (mm)	Φ 141 × 100.2
Weight (net)	Approx. 0.93KG
Installation	Ceiling mounting; Wall mounting

DIMENSIONS



AVAILABLE ACCESSORIES



AVAILABLE MODEL

Available Model	ZTIPD-EGAI4M-AF
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