

# ZTIPD-EGFR8M-AF

- Smart H.265/H.264 coding
- Max.resolution: 8MP ( 3840 × 2160 )
- ICR auto switch, true day / night vision
- 3D DNR, true WDR, HLC, BLC and ROI coding
- 30~50m IR night view distance; Motorized zoom lens
- 1CH audio input; 1CH audio output; 1CH built-in MIC
- 1CH alarm input; 1CH alarm output; 1CH CVBS video output
- Built-in micro SD card slot, up to 512 GB
- DC12V/PoE power supply
- Support three streams
- P2P function optional
- IP 67&IK10
- Support mobile surveillance by smart phones with - iOS and Android OS
- Intelligent analytics



H.265



True Day & Night



WDR



AWB



True Day & Night



HLC



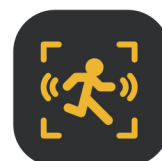
BLC



IP67



VCA



Motion Detection



POE



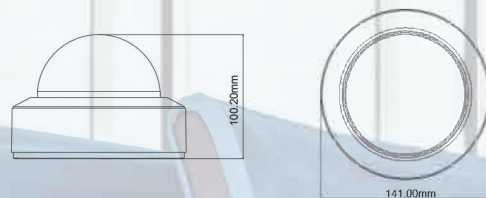
-30 : 60

## SPECIFICATIONS

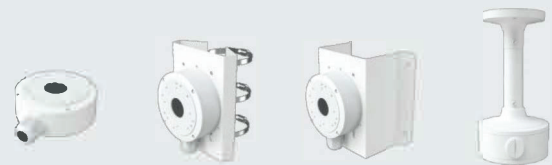
Model	ZTIPD-EGFR8M-AF
<b>Specifications</b>	
<b>Camera</b>	
Image Sensor	1 / 2.8" CMOS
Image Size	3840×2160
Electronic Shutter	1 / 25 s ~ 1 / 100000 s
Iris Type	Auto Iris
Min. Illumination	0.01 lux@F1.2, AGC ON; 0 lux with IR 0.015 lux@F1.4, AGC ON; 0 lux with IR 0.005 lux@F1.6, AGC ON; 0 lux with IR
Lens	2.8~12mm @f1.4, motorized 2.7~13.5mm@F1.6
Field of View	Horizontal: 96°~32°; Vertical: 64°~18.4°; Diagonal: 103.8°~36.5°
Lens Mount	Φ 14
Day&Night	On , Off , ICR
Wide Dynamic Range	120dB
BLC	Yes
Day & Night Switch	Auto , Schedule
S/N (signal-to-noise ratio)	≥ 50 dB
HLC	Yes
Defog	Yes
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~345°; Tilt: 0°~77°; Rotation: 0°~345°
<b>Image</b>	
Video Compression	SmartH.265 / H.265+ / H.265 / SmartH.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(1~20fps), 5MP/4MP/2K/3MP/1080P/720P(1~30fps) 50Hz: 8MP/6MP(1~20fps), 5MP/4MP/2K/3MP/1080P/720P(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 ~ 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
<b>Intelligent Analytics (Smart Events)</b>	
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*
<b>Interfaces</b>	
Network	1x 10, 100 Base T, TX Poe (RJ-45)
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 512 GB
Reset	Yes
Alarm	1CH alarm input; 1CH alarm output
<b>Functions</b>	
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+IPV6, 802.1x, QoS, FTP, SMTP, UPnP, S/NMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP V2/V3, ICMP, ICMPV6, ARP, DHCP, PPPoE
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 address conflict, cable disconnection

General Function	Watermark, IP address filtering, video mask, heartbeat, password protection, image distortion correction, etc.
IR Distance	Up to 50 Meter Smart IR
Protection Grade	IP 67&IK10
PoE	Yes (IEEE802.3af)
<b>Others</b>	
Power Supply	DC12V/PoE
Power Consumption	< 10.5W
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. 0.89KG
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



## AVAILABLE MODEL

Images and specifications are for reference only and are subject to change without prior notice.