



# ZTIPB-X8MT-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

70m IR night view distance; Motorized zoom~50

lens

1CH audio input; 1CH audio output; 1CH CVBS video output

1CH alarm input; 1CH alarm output

Built-in micro SD card slot, up to 512GB

DC12V/PoE power supply

Support three streams

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



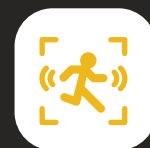
BLC



IP67



VCA



Motion Detection



POE



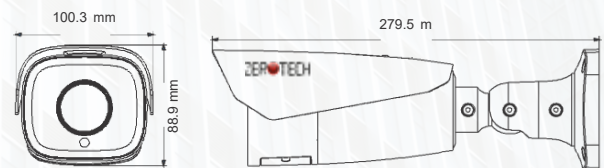
-30 : 60

## SPECIFICATIONS

Model	ZTIPB-X8MT-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	P Iris(ON DEMAND)
Min. Illumination	0.01 lux @ F1.2, AGC ON; 0 lux with IR 0.015 lux@F1.4, AGC ON; 0 lux with IR
Lens	2.8~12mm@F1.4, motorized
Field of View	Horizontal: 96°~32°; Vertical: 64°~18.4°; Diagonal: 103.8°~36.5°
Lens Mount	Φ 14
Day&Night	ICR
Wide Dynamic Range	120dB
BLC	Yes backlight compensation
HLC	Yes
Defog	Yes
Digital NR	3D DNR- true WDR 120db
Angle Adjustment	3-axis Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°/EPTZ
<b>Image</b>	
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(1~20fps), 5MP/4MP/2K/3MP/1080P/720P(1~30fps) 50Hz : 8MP/6MP(1~20fps), 5MP/4MP/2K/3MP/1080P/720P(1~25fps) HFRMode: 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)/object tracking
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/appear-disappear object
<b>Interfaces</b>	
Network	RJ45
Video Output	CVBS output (BNC×1)
Audio	1CH audio input; 1CH audio output
Storage	Built-in micro SD card slot; up to 512GB
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	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, SNMP, 802.1x, UPnP, HTTPs, QoS
Interface Protocol	ONVIF Profile S
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	50~70m metallic body
Protection Grade	IP 67 & IK10
PoE	Yes (IEEE802.3af)
<b>Others</b>	
Power Supply	DC12V/PoE+
Power Consumption	< 12W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F) Humidity: less than 90% (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

