الهيئة العربية للتصنيع
مصنع الإلكترونيات

ZERO TECH
TAKING YOU FORWARD



ZTIPD-EG8M-30F-AF

KEY FEATURES

- Max. resolution: 3840 x 2160@30fps
- Smart H.265 / H.264 coding
- ICR auto switch, true day / night vision
- Up To 50 m 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
- Built-in micro SD card slot, up to 256GB/512GB (OPTIONAL)
- 1CH alarm input; 1CH alarm output
- DC12V / PoE power supply
- IP67 protection grade
- Support three streams
- P2P function optional
- 1CH audio input, 1CH audio output and 1CH built-in MIC
- Support mobile surveillance by smart phones with iOS and Android OS
- Intelligent analytics



H.265 Day&Night WDR AWB Defog HLC



BLC Motion Detection PoE IP67 VCA -30°~60°

16105 HOTLINE الخط الساخن

www.zerotechsystems.com

CAMERA

Image Sensor	1 / 1.8" CMOS
Image Size	3840 × 2160
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 ~ 12 mm @F1.5, 2.7 mm ~ 13.5 mm @ F 1.2 motorized lens (OPTIONAL)
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
Col & B&W	On, Off, Auto, IR-Cut Filter removable (ICR)
Wide Dynamic Range	120 dB
BLC	Yes
HLC	Yes
Defog	Yes
Digital NR	3D DNR
Digital Zoom	8x
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	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; 1CH built-in MIC
Storage	Built-in micro SD card slot; up to 256GB/512GB (OPTIONAL)
Reset	Yes
Alarm	1CH alarm input; 1CH alarm output

FUNCTIONS

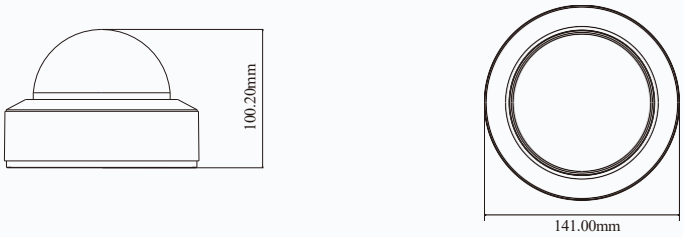
Remote Monitoring	Web browsing (Google Chrome, Firefox, Edge), CMS remote control
Online Connection	Support simultaneous monitoring for up to 4 users Support multi-stream real time transmission
Network Protocol	TCP/IPV4/SIP/ARP/SSL/SNMP(1,23)/ICMPV6/DHCPV6/ONVIF ICP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, UPnP, SMTP, IGMP, 802.1xQoS, IPv6, UDP
Network Interface	1x10, 100 Base T, TX POE (RJ-45)
Interface Protocol	ONVIF Profile G ， S / T / M
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.
/IPoE	Yes
IR Distance	UP To 50m
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)	Φ141 × 100.2
Weight (net)	Approx. 0.89 KG
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

Diameter × Height	**Φ141.00 mm × 100.20 mm**



AVAILABLE ACCESSORIES

