

CAMERA

TD-9342E3H-A

4MP AI Box Network Camera



- H.265+/H.265/H.254+/H.254/MJPEG coding
- Max. resolution: 2560 × 1440
- Starlight
- ICR auto switch, true day / night vision
- 3D DNR, HWDR, HLC, BLC, Defog, Smart IR and ROI coding
- Support image distortion correction
- Built-in micro SD card slot; up to 256GB
- 1CH audio input; 1CH audio output; 1CH built-in MIC
- 2CH alarm input; 2CH alarm output
- Support ABF
- AC24V/DC12V/PoE power supply
- Support three streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Support SMD
- Support NAT function
- Intelligent analytics
- Dual-system backup



H.265 Day&Night WDR AWB Defog HLC



BLC Motion Detection PoE VCA -30°~60°



CE

FC



PoE

ONVIF



en.tvt.net.cn

For more information, please visit our website

Shenzhen TVT DIGITAL TECHNOLOGY CO., LTD.

Address: 23rd Floor, Block B4, Building NO.9, Shenzhen Bay
Eco-Technology Park, Nanshan District, Shenzhen, Guangdong
Province, P.R.China

Tel: +86-755-36995888

Web site: <http://en.tvt.net.cn>

Fax: +86-755-33104777

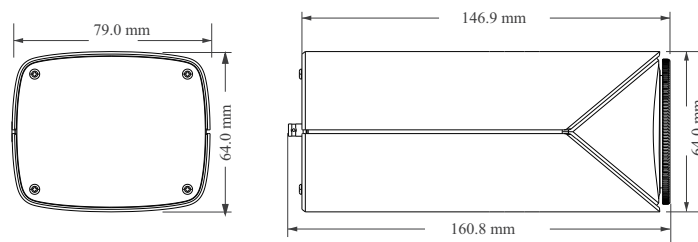
E-mail: overseas@tvt.net.cn

SPECIFICATIONS

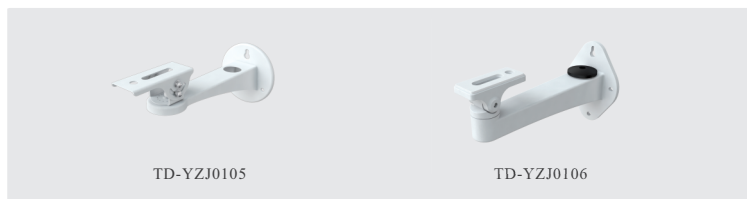
Model	Specifications	TD-9342E3H-A
Camera		
Image Sensor	1 / 1.8 "CMOS	
Image Size	2560 × 1440	
Electronic Shutter	1/3 s ~ 1 / 100000 s	
Iris Type	DC Iris	
Min. Illumination	Color: 0.0009 lux@F1.2,AGC ON B&W:0.0004 lux@F1.2,AGC ON	
Lens Mount	CS	
Day & Night	ICR	
Wide Dynamic Range	120dB	
BLC	Yes	
HLC	Yes	
Defog	Yes	
Digital NR	3D DNR	
S/N Ratio	≥50dB	
ABF	Yes	
Image		
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub/Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG	
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile	
Resolution	4MP (2560×1440), 3MP(2304×1296), 1080P (1920×1080), 720P (1280×720), D1, VGA(640×480), 640×360, CIF, 480 × 240	
Main Stream	4MP/3MP/1080P (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)	
Sub Stream	1080P (60Hz:1 ~ 15fps; 50Hz: 1 ~ 12fps) 720P/D1/VGA/640×360/480×240/CIF (60Hz:1 ~ 30fps; 50Hz: 1 ~ 25fps)	
Third Stream	720P/D1/480×240/CIF (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, Hue, Contrast, Wide Dynamic, Sharpness, NR,etc. adjustable through client software or web browser	
ROI	Each ROI to be configured separately	
Interfaces		
Network	RJ 45 (10/100 Base-T)	
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	
Reset	Yes	
Alarm	2CH alarm input; 2CH alarm output	
RS 485	Yes	
Intelligent Analytics		
Intelligent Video Detection (IVD)	Line crossing/ region intrusion/entrance/exiting (human/vehicle classification), loitering detection, illegal parking detection, abandoned/missing object detection	
Target Counting	Target counting by line/area, heat map	
Exception Detection	Scene change, video blur and abnormal color detection, audio exception	
Face Detection	Face detection and face capture	
Video Metadata	Simultaneously captures human body, motor vehicle and non-motor vehicle and extracts 13 human features, 4 motor vehicle features and 1 non-motor vehicle feature	
Functions		
Remote Monitoring	Web Client/NVR/NVMS/mobile APP	
Web Browser	Chrome 105.0+/Edge 105.0+/Firefox 121.0+/Safari 14.0+	
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission	
Network Protocol	TCP, UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, RTMP, FTP, PPPoE, DDNS, SMTP, SNMP, HTTP, 802.1x, UPnP, HTTPS, NAT, QoS, ICMP, IGMP	

Interface Protocol	ONVIF
API&SDK	Yes
Storage	Network remote storage; micro SD card storage
Smart Alarm	Motion detection, SMD, sensor detection, SD card error, SD card full, IP address conflict, cable disconnection, audio alarm
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern, ANR, cloud upgrade, disarming
Security	Firmware encryption, HTTPS encryption, configuration encryption, video encryption, illegal login lock, IP address filtering, 802.1x, log out after timeout basic and digest authentication for HTTP/RTSP/API service
PoE	Yes , IEEE802.3af
Water-proof Grade	No
Others	
Power Supply	AC24V/DC12V/PoE
Power Consumption	< 7W
Storage Conditions	- 30 °C ~ 65 °C (-22 °F~149 °F), Humidity: less than 95 % (non-condensing)
Operating Conditions	- 30 °C ~ 60 °C (-22 °F~140 °F), Humidity: less than 95 % (non-condensing)
Dimensions (mm)	160.8 × 79 × 64
Weight (net)	Approx. 0.5KG
Material	Aluminum alloy body
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Directive EU RoHS, WEEE(2012/19/EU), and REACH(EC1907/2006)

DIMENSIONS



AVAILABLE ACCESSORIES



AVAILABLE MODEL

Available Model	TD-9342E3H-A(D/PE)
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