TVT

Secure The World With You

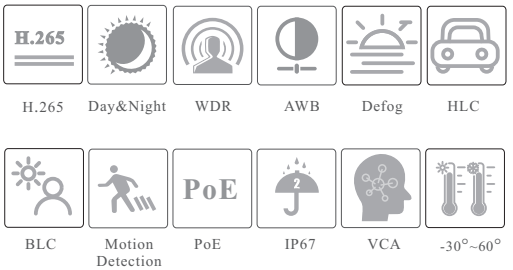
CAMERA

TD-94A3E3B-A

12MP IR Water-Proof Bullet Network Camera



- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max. resolution: 4000 × 3000
- ICR auto switch, true day / night vision
- Up to 70m IR night view distance; motorized zoom lens
- 3D DNR, HWDR, HLC, BLC, Defog, Smart IR and ROI coding
- Support image distortion correction
- Built-in micro SD card slot; up to 512GB
- DC12V/PoE power supply
- IP 67 ingress protection
- Support five streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Support NAT function
- Multiple smart events can be enabled at the same time
- Dual system backup



RoHS CE FC PoE ONVIF

en.tvt.net.cn

For more information, please visit our website

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TD-94A3E3B-A

12MP IR Water-Proof Bullet Network Camera

SPECIFICATIONS

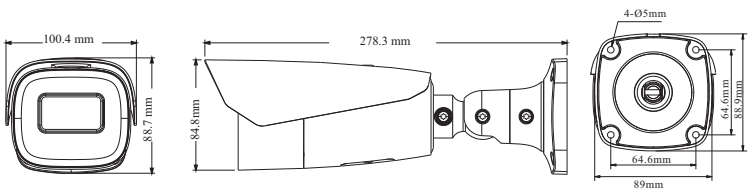
Specifications \ Model	TD-94A3E3B-A
Camera	
Image Sensor	1 / 1.7 "CMOS
Image Size	4000 × 3000
Electronic Shutter	1 / 3 s ~ 1 / 100000 s
Iris Type	DC Iris
Min. Illumination	Color: 0.006 lux@F1.4,AGC ON; B&W: 0 lux with IR
Lens	2.8~12mm@F1.4, H.FoV: 96°~46°;V.Fov: 70°~35°; D.FoV: 128°~58°
Focus	Motorized
Lens Mount	Φ14
Day & Night	ICR
Wide Dynamic Range	75dB
BLC	Yes
HLC	Yes
Defog	Yes
S/N Ratio	⩾50dB
Digital NR	3D DNR
Angle Adjustment	Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°
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 Fourth/Fifth stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile
Resolution	12MP (4000×3000), 8MP (3840 ×2160), 6MP (3200×1800), 4MP (2688×1520), 1080P(1920×1080), 720P (1280×720), D1, VGA (640×480), 640×360, CIF, 480×240
Main Stream	12MP/8MP/6MP/4MP/1080P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)
Sub Stream	1080P/720P/D1/VGA/640×360/CIF/480×240 (60Hz: 1~30fps; 50Hz: 1~25fps)
Third Stream	720P/D1/VGA/640×360/CIF/480×240 (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)
Fourth Stream	D1/VGA/640×360/CIF/480×240 (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)
Fifth Stream	D1/VGA/640×360/CIF/480×240 (60Hz: 1 ~ 30fps; 50Hz: 1~25fps)
Bit Rate	64 Kbps ~16Mbps
Bit Rate Type	VBR / CBR
Audio Compression	G711A / U
Image Settings	ROI, Saturation, Brightness, Hue, Contrast, Wide Dynamic, Sharpness, Image Mirror, Image Flip, NR, etc. adjustable through client software or web browser
ROI	Each ROI to be configured separately
Interfaces	
Network	RJ 45 10M/100M self-adaptive Ethernet port
Video Output	CVBS output (BNC × 1)
Audio	1CH audio input; 1CH audio output; 1 CH built-in MIC
Storage	Built-in micro SD card slot; up to 512GB
Reset	Yes
Alarm	1CH alarm input; 1CH alarm output
Intelligent Analytics	
Intelligent Video Detection (IVD)	Line crossing, region intrusion/entrance/exiting (human/vehicle classification) loitering detection, illegal parking detection, abandoned/ missing object detection
Statistics	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

DORI Distance

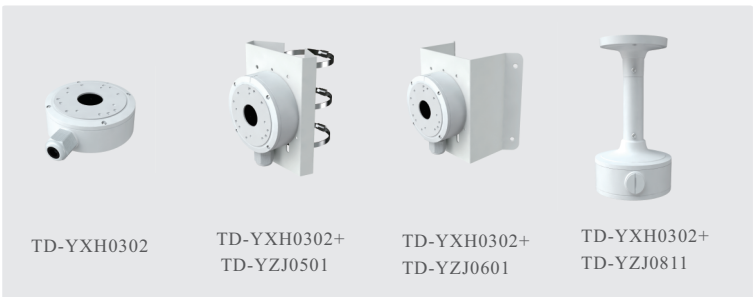
Lens	Detect	Observe	Recognize	Identify
2.8~12mm(W)	86m(282ft)	34m(112ft)	17m(56ft)	9m(30ft)
2.8~12mm(T)	190m(623ft)	76m(249ft)	38m(124ft)	19m(62ft)

Functions	
Remote Monitoring	Web Browser/NVMS/NVR/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, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, 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, SD card error, SD card full, IP address conflict, network disconnection, audio alarm
General Function	Watermark, video mask, heartbeat, image distortion correction, corridor pattern, disarming, ANR, cloud upgrade
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
IR Distance	50 ~ 70 m
Ingress Protection	IP 67
Anti-Corrosion Protection	NEMA 4X
Others	
Power Supply	DC12V/PoE
Power Consumption	PoE: < 12W; DC12V: <10W
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)	278.3 × 100.4 × 88.7
Weight (net)	Approx. 1.04KG
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



TD-YXH0302

TD-YXH0302+ TD-YZJ0501

TD-YXH0302+ TD-YZJ0601

TD-YXH0302+ TD-YZJ0811

AVAILABLE MODEL

Available Model	TD-94A3E3B-A(D/AZ/PE/AR5)	Motorized lens

*All pictures and specifications are for reference only and are subject to change without prior notice.