

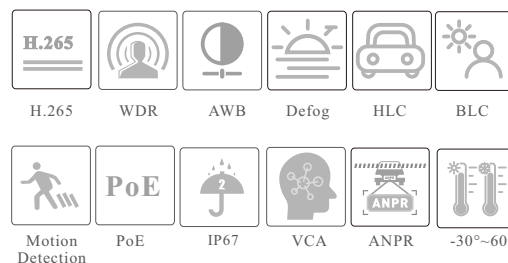
CAMERA

TD-9423A3BH-A-LR

2MP HD License Plate Recognition
Bullet Network Camera



- 2MP (1920 × 1080) @30fps
- Support H265+/H264+/H265/H264/MJPEG coding
- ICR auto switch, true day/night
- Motorized lens
- 3D DNR, WDR, HLC, BLC and ROI coding
- Built-in micro SD card slot, up to 256GB
- DC12V/AC24V/PoE power supply
- Support three streams
- IP67
- Support mobile surveillance by smart phones with iOS and Android OS
- Support license plate detection and recognition
- Support P2P function
- Support dual-system backup



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

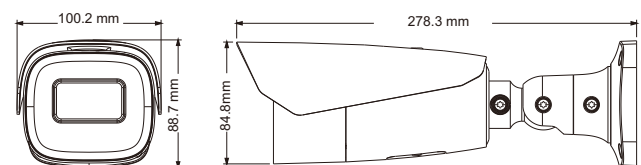
E-mail: overseas@tvt.net.cn

SPECIFICATIONS

Model	Specifications	TD-9423A3BH-A-LR
Camera		
Image Sensor	1 / 1.8" CMOS	
Image Size	1920 × 1080	
Electronic Shutter	Manual or auto; manual: 1 / 1 s ~ 1 / 100000s	
Iris Type	DC Iris	
Min. Illumination	0.001 lux@F1.6, AGC ON; 0 lux with IR	
Lens	5~50mm@F1.6, motorized	
Field of View	Horizontal: 8.5°~49.5°; Vertical: 5°~27°; Diagonal: 57.5°~10°	
Lens Mount	Integrated	
Recommended ANPR Distance	10~90m	
Wide Dynamic Range	120dB	
BLC	Yes	
HLC	Yes	
Defog	Yes	
Digital NR	3D DNR	
S/N Ratio	≥50dB	
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 stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG	
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile	
Resolution	1080P(1920×1080), 720P (1280×720), D1, CIF	
Main Stream	1080P(60Hz :1 ~ 30fps; 50Hz : 1 ~ 25fps) HFR Mode: 1080P(60Hz: 1~60fps; 50Hz: 1~50fps)	
Sub Stream	720P/D1/CIF (60Hz :1 ~ 30fps; 50Hz : 1 ~ 25fps)	
Third Stream	D1/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,Vertically flip, Horizontally 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	
Storage	Built-in micro SD card slot; up to 256GB	
Reset	Yes	
Alarm	1CH alarm input; 1CH alarm output	
RS 485	Yes	
Wiegand	Yes (26bit)	
Functions		
Remote Monitoring	Web Browser/TVT NVMS2.0/NVR/mobile APP	
Web Browser	Chrome 89.0+/Edge 89.0+/Firefox 87.0+/Safari 14.0+	
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission	
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTMP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, HTTP POST,802.1x, UPnP, HTTPS, P2P, QoS	
Interface Protocol	ONVIF	
API&SDK	Yes	
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, audio alarm	
Security	Video encryption, firmware encryption, HTTPS encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/RTSP	
General Function	Watermark, video mask, heartbeat, ANR, cloud upgrade	

PoE	Yes , IEEE802.3af
IR Distance	70~100m
Protection Grade	IP67
License Plate Detection	
Snapshot	Original image (2MP resolution) and license plate image
Vehicle Plate Database	10,000
License Plate Detection & Recognition	Capture of vehicles with license plates and vehicles without license plate, Support plate exposure, travel direction recognition, plate character fault tolerance, plate comparison, snapshot time display Vehicle feature extraction: including vehicle color, plate color, vehicle type, vehicle brand/model, etc.
Capture Speed Range	0~120km/h
Entrance and Exit	
Barrier Gate Control Mode	Camera or Platform control
Relay Output	1-ch relay output, supporting opening/closing/suspending of a barrier gate
Screen Display	Support connecting a screen through RS485 interface to display captured license plates
Plate Capture	
Capture Rate	In the recommended installation and lighting condition, the vehicle capture rate: ≥ 99%
LPR Accuracy Rate	Entrance & Exit: ≥ 99%; Road: ≥ 98% (Under recommended installation and lighting condition)
Others	
Power Supply	DC12V/AC24V/PoE
Power Consumption	DC12V: < 12W; AC24V: <10W; PoE: <10W
Operating Environment	- 30 °C ~ 60 °C (-22°F~140°F); Humidity: less than 95 % (non-condensing)
Storage Environment	- 30 °C ~ 65 °C (-22°F~149°F); Humidity: less than 95 % (non-condensing)
Dimensions (mm)	278.3 × 100.2 × 88.7
Weight (net)	Approx. 1.176KG
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)

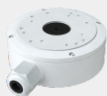
DIMENSIONS



AVAILABLE MODEL

Available Model	TD-9423A3BH-A-LR(D/AZ/PE/AR7)	5 ~50mm, motorized
-----------------	-------------------------------	--------------------

AVAILABLE ACCESSORIES



TD-YXH0302



TD-YXH0302+
TD-YZJ0811



TD-YXH0302+
TD-YZJ0501



TD-YXH0302+
TD-YZJ0601