TVT

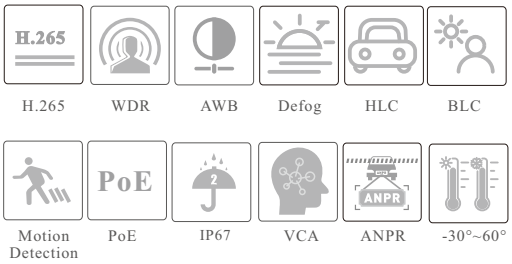
Secure The World With You

CAMERA

TD-9843A3BH-LR

4MP HD License Plate Recognition Network Camera

- 4MP (2592 × 1520) @30fps
- Support H265+/H264+/H265/H264/MJPEG coding
- ICR auto switch, true day/night
- Motorized lens
- 3D DNR, true WDR, HLC, BLC and ROI coding
- Built-in micro SD card slot, up to 256GB
- DC24V/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



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For more information, please visit our website

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TD-9843A3BH-LR

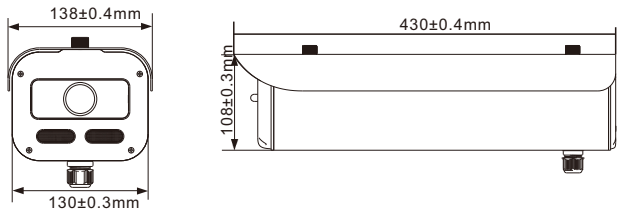
4MP HD LPR Network Camera

SPECIFICATIONS

Specifications \ Model	TD-9843A3BH-LR	
Camera		
Image Sensor	1 / 1.8" CMOS	
Image Size	2592 × 1520	
Electronic Shutter	Manual or auto; manual: 1 / 1 s ~ 1 / 100000s	
Iris Type	DC Iris	
Min. Illumination	0.0007 lux@F1.3,AGC ON; 0 lux with IR 0.001 lux@F1.6, AGC ON; 0 lux with IR	
Lens	2.8~12mm@F1.3, motorized	8~32mm@F1.6, motorized
Field of View	Horizontal:100.4°~49°; Vertical: 57°~29°; Diagonal: 117.5°~56°	Horizontal: 41°~15.5°; Vertical: 23°~9.5°; Diagonal: 46.5°~18°
Lens Mount	Integrated	
Recommended ANPR Distance	3~8m	7~30m
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	4MP (2592 ×1520), 2K (2560 ×1440), 3MP(2304 ×1296),1080P(1920 ×1080), 720P (1280 ×720), D1, CIF	
Main Stream	4MP/2K/3MP/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, 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	
Storage	Built-in micro SD card slot; up to 256GB	
Reset	Yes	
Alarm	2CH alarm input; 2CH alarm output	
RS 485	Yes	
RS 232	Yes	
Wiegand	Yes (26bit)	
Functions		
Remote Monitoring	Web Browser/TVT NVMS2.0/NVR/mobile APP	
Web Browser	IE11(plug-in required)/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, QoS	
Interface Protocol	ONVIF	
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	
Intelligent Analytics	License plate recognition, video exception detection	
Security	Video encryption, firmware encryption, HTTPs encryption, configuration encryption, illegal login lock, IP address filtering, 802.1x authentication, basic and digest authentication for HTTP/HTTPs	

General Function	Watermark, video mask, heartbeat, corridor mode	
PoE	Yes , IEEE802.3bt	
IR Distance	70~100m	100~120m
Protection Grade	IP67	
LPR		
Snapshot	Original image (4MP 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, production year, etc.	
Capture Speed Range	0~120km/h	
Others		
Power Supply	DC24V/AC24V/PoE	
Power Consumption	< 21.5W	
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)	430 × 138 × 108	
Weight (net)	Approx. 2.5KG	
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

TD-YZJ0103

TD-YZJ0502

TD-YZJ0901

AVAILABLE MODEL

Available Model	TD-9843A3BH-LR(D/AZ/PE/AR7)	2.8 ~12mm, motorized
	TD-9843A3BH-LR(D/AZ/PE/AR10)	8 ~32mm, motorized

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