**CAMERA**

TD-9843A3BH-A-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, 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
- Support P2P function
- Support dual-system backup

H.265	WDR	AWB	Defog	HLC	BLC
Motion Detection	PoE	IP67	VCA	ANPR	-30°~60°

RoHS CE FC PoE ONVIF
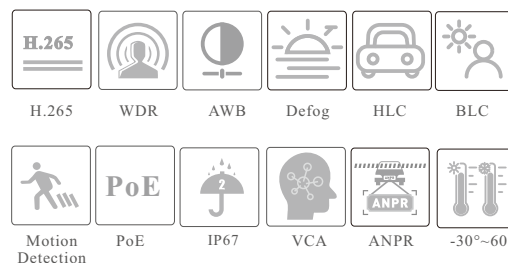
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For more information, please visit our website

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SPECIFICATIONS

Specifications	Model	TD-9843A3BH-A-LR	
Camera			
Image Sensor		1 / 1.8" CMOS	
Image Size		2688 × 1520	
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		2.8~12mm@F1.6, motorized	8~32mm@F1.6, motorized
Field of View		Horizontal:100°~48.5°; Vertical: 54°~26.5°; Diagonal: 119°~55.8°	Horizontal: 42°~16°; Vertical: 24°~9°; Diagonal: 49°~18°
Lens Mount		Integrated	
Recommended ANPR Distance		3~8m	16~48m
Wide Dynamic Range		120dB	
BLC		Yes	
HLC		Yes	
Defog		Yes	
Digital NR		3D DNR	
S/N Ratio		≥50dB	
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 (2688×1520), 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,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		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		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	100~120m
Protection Grade	IP67	
License Plate Detection		
Snapshot	Original image (4MP resolution) and license plate image	
Vehicle Plate Database	10,000 (only when the SD card is available, can the function take effect)	
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	0~80km/h	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	DC24V/AC24V/PoE	
Power Consumption	≤14.5W	
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)	

AVAILABLE MODEL

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

DIMENSIONS

138±0.4mm
130±0.3mm
430±0.4mm
108±0.3mm

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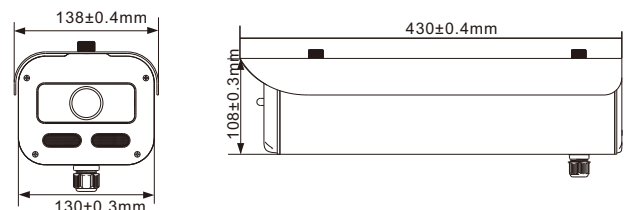
AVAILABLE ACCESSORIES

TD-YZJ0103   TD-YZJ0502   TD-YZJ0901