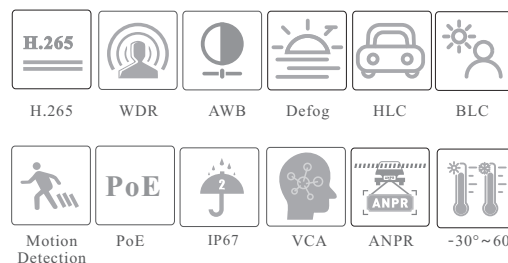


# TD-9443A3BH-LR

## 4MP HD License Plate Recognition Bullet Network Camera



- 4MP (2560 × 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
- DC12V/AC24V/PoE power supply
- Support three streams
- IP67
- Support mobile surveillance by smart phones with iOS and Android OS
- Intelligent analytics: license plate recognition, vehicle type detection



[en.tvt.net.cn](http://en.tvt.net.cn)

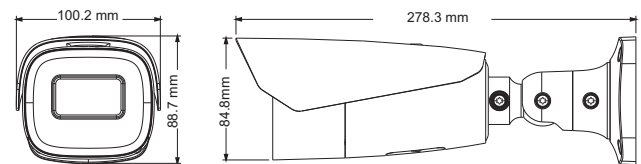
For more information, please visit our website

### SPECIFICATIONS

| Specifications             | Model  | TD-9443A3BH-LR |
|----------------------------|--|----------------|
| <b>Camera</b>              |  |                |
| Image Sensor               | 1 / 1.8" CMOS  |                |
| Image Size                 | 2560 × 1520  |                |
| Electronic Shutter         | Manual or auto; manual: 1 / 1 s ~ 1 / 10000s   |                |
| Iris Type                  | DC Iris  |                |
| Min. Illumination          | 0.0007 lux@F1.3, AGC ON; 0 lux with IR<br>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°  |                |
| <b>Image</b>               |  |                |
| Video Compression          | Main stream: H.265+ / H.265 / H.264+ / H.264<br>Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG<br>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)<br>HFR Mode: 1080P/720P (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   |                |
| <b>Interfaces</b>          |  |                |
| Network                    | 100M RJ 45   |                |
| 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  |                |
| <b>Functions</b>           |  |                |
| 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;<br>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, vehicle type detection, video exception detection   |                |
| General Function           | Watermark, video mask, heartbeat, corridor mode  |                |
| 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 |                |

|                          |   |           |
|--------------------------|---|-----------|
| PoE                      | Yes, IEEE802.3af  |           |
| IR Distance              | 50~70m  | 70~100m   |
| Protection Grade         | IP67  |           |
| <b>LPR</b>               |   |           |
| Snapshot                 | Overview and cutout of plate for picture  |           |
| Vehicle Plate Database   | 10,000  |           |
| OSD Information Overlay  | A lot of information can be overlaid on the captured original image, including snapshot time, location, license plate, plate color, traffic violation information |           |
| Capture Speed Range      | 0~70km/h  | 0~120km/h |
| <b>Others</b>            |   |           |
| Power Supply             | DC12V/AC24V/PoE   |           |
| Power Consumption        | < 12W   |           |
| 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. 1176KG  |           |
| 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



### AVAILABLE MODEL

|                 |                             |                       |
|-----------------|-----------------------------|-----------------------|
| Available Model | TD-9443A3BH-LR(D/AZ/PE/AR5) | 2.8 ~ 12mm, motorized |
|                 | TD-9443A3BH-LR(D/AZ/PE/AR7) | 8 ~ 32mm, motorized   |