

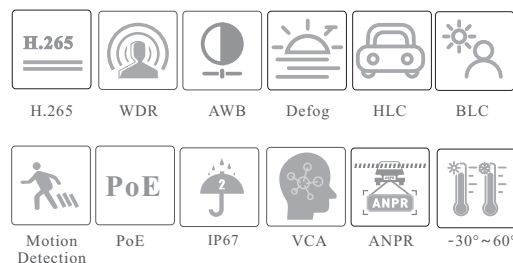
CAMERA

# TD-9423A3-LR

## 2MP HD ANPR Bullet Network Camera



- Starlight
- 2MP ( 1920 × 1080 ) @30fps
- Support smart H.265/H.264 coding
- ICR auto switch, true day/night
- Up to 100m IR night view distance; motorized zoom lens
- 3D DNR, true WDR, HLC, BLC and ROI coding
- Built-in micro SD card slot, up to 256GB
- 1CH audio input; 1CH audio output
- 1CH alarm input; 1CH alarm output
- DC12V/PoE power supply
- Support three streams
- IP67
- Support mobile surveillance by smart phones with iOS and Android OS
- Intelligent analytics: video abnormality (video blur detection, video cast detection, scene change), license plate recognition



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For more information, please visit our website

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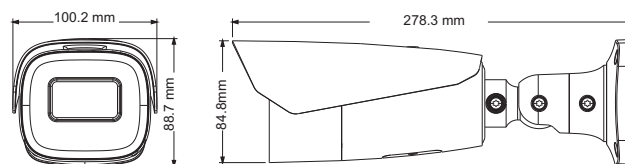
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## SPECIFICATIONS

| Model                      | TD-9423A3-LR                                                                                                                                                                                       |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specifications             |                                                                                                                                                                                                    |
| Camera                     |                                                                                                                                                                                                    |
| Image Sensor               | 1 / 2.8" CMOS                                                                                                                                                                                      |
| Image Size                 | 1920 × 1080                                                                                                                                                                                        |
| Electronic Shutter         | 1 / 3 s ~ 1 / 10000 s                                                                                                                                                                              |
| Iris Type                  | DC Iris                                                                                                                                                                                            |
| Min. Illumination          | 0.0026 lux@F1.2, AGC ON; 0 lux with IR<br>0.005 lux@F1.6, AGC ON; 0 lux with iR                                                                                                                    |
| Lens                       | 5~50mm@F2.0, motorized                                                                                                                                                                             |
| Field of View              | Horizontal: 49°~5.5°; Vertical: 26.8°~3.1°; Diagonal: 57°~6.3°                                                                                                                                     |
| Lens Mount                 | Φ14                                                                                                                                                                                                |
| Wide Dynamic Range         | 120dB                                                                                                                                                                                              |
| BLC                        | Yes                                                                                                                                                                                                |
| HLC                        | Yes                                                                                                                                                                                                |
| Defog                      | Yes                                                                                                                                                                                                |
| Digital NR                 | 3D DNR                                                                                                                                                                                             |
| Angle Adjustment           | Pan: 0°~360°; Tilt:0°~90°; Rotation: 0°~360°                                                                                                                                                       |
| Image                      |                                                                                                                                                                                                    |
| Video Compression          | Main stream: Smart H.265 / H.265+ / H.265 / Smart H.264 / 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                 | 1080P ( 1920 × 1080 ), 720P ( 1280 × 720 ), D1, CIF, 480 × 240                                                                                                                                     |
| Main Stream                | 60Hz : 1080P / 720P( 1 ~ 30fps ); 50Hz : 1080P / 720P( 1 ~ 25fps )<br>HFR Mode: 1080P/720P (60Hz: 1~60fps; 50Hz: 1~50fps)                                                                          |
| Sub Stream                 | 60Hz : 720P/D1/CIF/480×240 (1~30fps);<br>50Hz: 720P/D1/CIF/480×240 (1~25fps)                                                                                                                       |
| Third Stream               | 60Hz : D1/CIF/480×240 (1~30fps); 50Hz: D1/CIF/480×240 (1~25fps)                                                                                                                                    |
| Bit Rate                   | 64 Kbps ~ 6 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                                                                                                                                                                                              |
| 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                                                                                                                                                                                                |
| Functions                  |                                                                                                                                                                                                    |
| Remote Monitoring          | Web Browser/TVT NVMS2.0/NVR/mobile APP                                                                                                                                                             |
| Web Browser                | IE11(plugin-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      | Video blur detection, video color cast detection, scene change detection, license plate recognition                                                                                                |
| General Function           | Watermark, video mask, heartbeat                                                                                                                                                                   |
| 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              | 70~100m                                                                                      |
| Protection Grade         | IP67                                                                                         |
| LPR                      |                                                                                              |
| Snapshot                 | Overview and cutout of plate for picture                                                     |
| Vehicle Plate Database   | 10,000                                                                                       |
| Capture Speed Range      | 0~70km/h                                                                                     |
| Others                   |                                                                                              |
| Power Supply             | DC12V/PoE                                                                                    |
| Power Consumption        | < 11W                                                                                        |
| 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. 1.04KG                                                                               |
| 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-9423A3-LR | 5~50mm, motorized |
|-----------------|--------------|-------------------|