

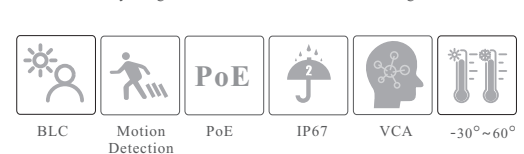
CAMERA

TD-9453E3B-A

5MP IR Water-Proof Bullet Network Camera



- H.265+/H.265/H.264+/H.264/MJPEG coding
- Max. resolution: 2592 × 1944
- ICR auto switch, true day / night vision
- Up to 100m IR night view distance; motorized zoom lens
- 3D DNR, true WDR, HLC, BLC, Defog, NIR, Smart IR and ROI coding
- Support image distortion correction
- Built-in micro SD card slot; up to 256GB
- DC12V/PoE power supply
- IP 67 ingress protection
- Support three streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Intelligent analytics



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For more information, please visit our website

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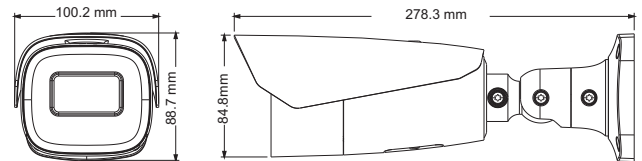
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SPECIFICATIONS

| Specifications | Model | TD-9453E3B-A | | |
|---|--|-------------------|---|------------------|
| Camera | | | | |
| Image Sensor | 1 / 2.7 "CMOS | | | |
| Image Size | 2592 × 1944 | | | |
| Electronic Shutter | 1 / 2 s ~ 1 / 100000 s | | | |
| Iris Type | DC Iris | | | |
| Min. Illumination | 0.02 lux@F1.6, AGC ON; 0 lux with IR; 0.01lux@F1.4, AGC ON, 0 lux with IR | | | |
| Lens | 2.8~12mm@F1.4, H.FoV: 96°~28°; V.Fov: 70°~21°; D.FoV: 129°~35.5° | | 7~22mm@F1.6, H.FoV: 41.4°~16.6°; V.Fov: 30.6°~12.5°; D.FoV: 52.8°~20.8° | |
| Focus | Motorized | | | |
| Lens Mount | Φ14 | | | |
| Day & Night | ICR | | | |
| Wide Dynamic Range | 120dB | | | |
| BLC | Yes | | | |
| HLC | Yes | | | |
| Defog | Yes | | | |
| S/N Ratio | ≥50dB | | | |
| Digital NR | 3D DNR | | | |
| 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 | 5MP (2592×1944), 4MP (2592×1520), 2K (2560×1440), 3MP(2304×1296), 1080P (1920×1080), 720P (1280×720), D1, CIF, 480×240 | | | |
| Main Stream | 5MP/4MP/2K/3MP/1080P/720P(60Hz: 1~30fps; 50Hz: 1~25fps) HFR mode: 1080P/720P(60Hz: 1~60fps; 50Hz: 1~50fps) | | | |
| Sub Stream | 720P/D1/CIF/480×240 (60Hz: 1~30fps; 50Hz: 1~25fps) | | | |
| Third Stream | D1/CIF/480×240 (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; 1 CH built-in MIC | | | |
| Storage | Built-in micro SD card slot; up to 256GB | | | |
| Reset | Yes | | | |
| Alarm | 1CH alarm input; 1CH alarm output | | | |
| Intelligent Analytics (Smart Events) | | | | |
| Perimeter Protection | Line crossing, region entrance/exiting/intrusion (human/motor vehicle/non-motor vehicle classification) | | | |
| Statistics | Target counting by line/area, heat map | | | |
| Exception Detection | Scene change, video blur and video cast detection | | | |
| Face Detection | Face detection and face capture | | | |
| Other Events | Abandoned/missing object detection, crowd density detection | | | |
| DORI Distance | | | | |
| Lens | Detect | Observe | Recognize | Identify |
| 2.8~12mm(W) | 55.53m(182.18ft) | 22.21m(72.86ft) | 11.11m(36.45ft) | 5.55m(18.20ft) |
| 2.8~12mm(T) | 209.78m(688.25ft) | 83.91m(275.29ft) | 41.96m(137.66ft) | 20.98m(68.83ft) |
| 7~22mm(W) | 142.12m(466.27ft) | 56.85m(186.51ft) | 28.42m(93.24ft) | 14.21m(46.62ft) |
| 7~22mm(T) | 355.01m(1164.73ft) | 142.00m(465.87ft) | 71.00m(232.93ft) | 35.50m(116.46ft) |
| 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, 802.1x, UPnP, HTTPS, HTTP POST, QoS | |
| Interface Protocol | ONVIF | |
| Storage | Network remote storage; micro SD card storage | |
| Smart Alarm | Motion detection, SD card error, SD card full, IP address conflict, Network disconnected, sensor alarm | |
| General Function | Watermark, video mask, heartbeat, image distortion correction, corridor pattern | |
| 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 ~ 70 m | 70 ~ 100 m |
| Ingress Protection | IP 67 | |
| Others | | |
| Power Supply | DC12V/PoE | |
| Power Consumption | < 12.5W | |
| Storage Conditions | - 30 °C ~ 65 °C (-22 °F ~ 149 °F), Humidity: less than 95 % (non-condensing) | |
| Operating Conditions | - 30 °C ~ 60 °C (-22 °F ~ 140 °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 | Directive EU RoHS, WEEE(2012/19/EU), directive 94/62/EC and REACH(EC1907/2006) | |

DIMENSIONS



AVAILABLE ACCESSORIES



AVAILABLE MODEL

| | | |
|-----------------|---------------------------|---------------------------|
| Available Model | TD-9453E3B-A(D/AZ/PE/AR5) | Motorized lens (2.8~12mm) |
| | TD-9453E3B-A(D/AZ/PE/AR7) | Motorized lens (7~22mm) |