

iDS-TDI900-A(C) Portable Radar Speed Detector



DeepinView



- 1" progressive scan GMOS
- 4096 × 2160 @ 25 fps
- H.265, H.264
- 500G SSD
- USB 3.0
- GPS
- 720P touch screen
- License plate recognition
- Radar-triggered capture
- Speed detection ranged from 10 to 250 km/h
- Over 90% vehicle capture rate
- Continuous violation capture
- Picture composition
- Dismountable built-in lithium battery for power supply
- Adjustable lens angle



Specification

Camera	
iDS-TDI900-A(C)	
Image Sensor	1" Progressive Scan GMOS
Min. Illumination	0.1 Lux @ (F1.2, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Lens	
Lens Interface Type	C/CS Interface
Auto-iris	DC drive
Radar	
Central Frequency	24.15 GHz ± 45 MHz
Velocity Width of Antenna	4.9 × 17.3°
Speed Detection Range	10 to 250 km/h
Speed Detection Deviation	-4 to 0 km/h
Trigger Mode	Trigger vehicle head, trigger vehicle tail, and trigger vehicle head and tail
Compression Standard	
Video Compression	H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 16 Mbps
Smart Feature	
Recognition	License Plate Recognition
Flashlight Control	Supports light control/time control
Coverage	Up to 3 lanes
Vehicle Detection	
Countries/Regions	<p>Mid-East: Turkey, United Arab Emirates, Qatar, Iran, Iraq, Egypt, Jordan, Kuwait, Saudi Arabia, Tunisia, Palestine, Pakistan</p> <p>Africa: South Africa, Kenya, Nigeria, Tanzania, Mauritius, Morocco</p> <p>Asia-Pacific: Australia, New Zealand, Indonesia, Malaysia, Singapore, South Korea, Thailand, Vietnam, the Philippines, Hong Kong, Macao, Taiwan, Burma, Japan, India, Mongolia</p> <p>America: United States of America, Colombia, Brazil, Ecuador, Peru, Mexico</p> <p>Europe: Croatia, Slovakia, Czech Republic, Bulgaria, Macedonia, Hungary, Greece, Poland, France, Netherlands, Switzerland, Spain, United Kingdom, Ireland, Germany, Italy, Austria, Israel</p> <p>Russian-Speaking Regions: Azerbaijan, Belarus, Kazakhstan, Lithuania, Georgia, Estonia, Latvia, Russian Federation, Ukraine, Moldova, Belarus, Uzbekistan</p>
Accuracy (Under recommended installation and lighting conditions)	Capture rate > 90% LPR accuracy > 95% Mistaken capture rate < 3%
No License Plate Detection	Supported
Image	
Max. Resolution	4096 × 2160
Main Stream	4096 × 2160, 3392 × 2008, 2944 × 1656, 1920 × 1080, 1280 × 720, 704 × 576 Default: 4096 × 2160

Sub-Stream	3392 × 2008, 2944 × 1656, 1920 × 1080, 1280 × 720, 704 × 576 Default: 1920 × 1080
Third Stream	1920 × 1080, 1280 × 720, 704 × 576 Default: 1280 × 720
Format	JPEG
Frame Rate	50 Hz: 25 fps (4096 × 2160) 60 Hz: 30 fps (4096 × 2160)
Image Settings	Saturation, brightness, contrast, white balance, gain and 3D DNR are adjustable via client software.
Video Compression	JPEG encoding
Image Enhancement	BLC, HLC, 3D DNR
Day/Night Switch	Auto/Scheduled/Triggered by alarm in
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24-bit bmp format.
Network	
Network Storage	Solid state disk (500 GB)
Protocols	TCP/IP, HTTP, DHCP, DNS, RTP, RTSP, NTP, FTP
General Function	Heartbeat, password protection, and NTP time sync.
Positioning	GPS
Alarm Trigger	HDD Error, network disconnected, IP address conflicted, vehicle detector exception, traffic light detector exception
Security Measures	Password protection, HTTPS encryption, digest authentication for HTTP/HTTPS, digest authentication for ONVIF (Version 2.1)
General Function	One-key reset, three streams, heartbeat, password protection, watermark
API	ONVIF (Version 2.1, PROFILE S, PROFILE G), ISAPI, SDK
Simultaneous Live View	Up to 20 channels
User/Host	Up to 16 users 3 user levels: administrator, operator and user
Client	iVMS-4200 (Only for video live view and LPR information search)
Web Browser	IE8-IE11, plug-in free live view supported
Interface	
Communication Interface	1 RJ45 10M/100M/1000M Ethernet interface
Output	3 outputs for flashlight control
USB Interface	1 USB 3.0
General	
Operating Conditions (without battery)	Temperature: -30 °C to +70 °C (-22 °F to +158 °F) Humidity: 90% or less (non-condensing)
Operating Conditions (with battery)	Temperature: -20 °C to +60 °C (-4 °F to +140 °F) Humidity: 90% or less (non-condensing)
Firmware Version	V4.3.0
Operating System	Linux
Power Supply	19 VDC, and embedded 10.8V lithium battery
Power Consumption	Max.25 W
Protection Level	IP54
Weight	Approx. 9 kg (19.84 lb)

* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

Available Model

iDS-TDI900-A(C)

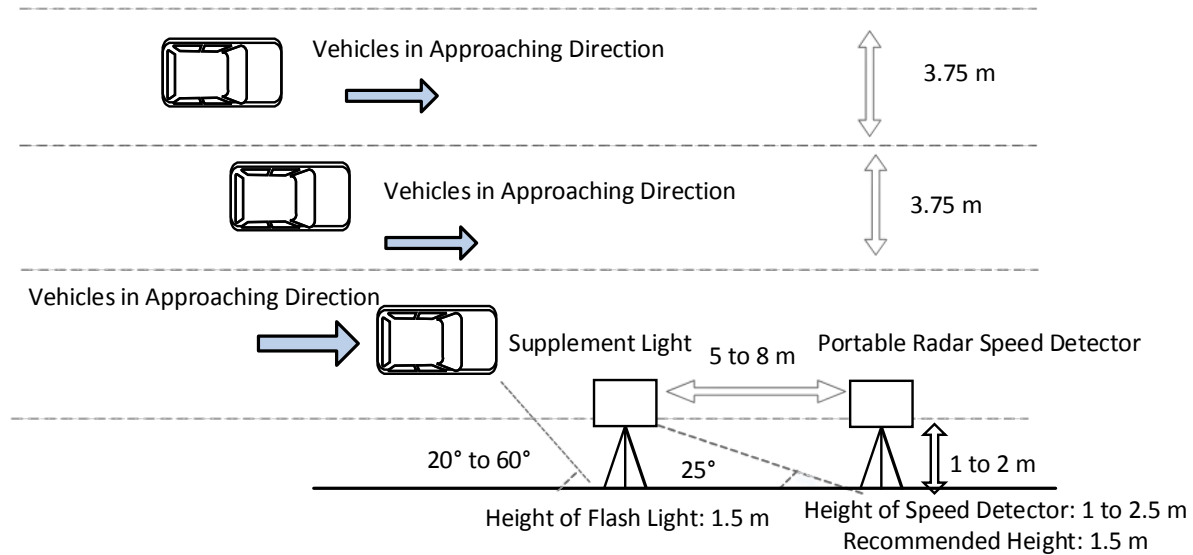
Application

- Fixed and mobile speed detection checkpoint
- Overspeed vehicle capturing

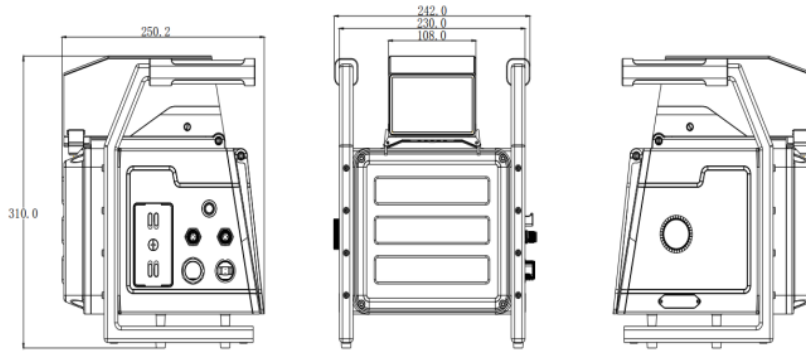
Scenarios

Highway and urban expressway

Construction Solution



Dimension



Unit: mm

Distributed by



HIKVISION®

Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Korea
T +82-[0]31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com