

iDS-TDIC00-HI 12 MP Portable Radar Speed Detector



- High quality imaging with 12 MP resolution(1.1" GMOS)
- All-in-one design, integrating camera, radar and supplement light
- Equipped with an 8-inch touch screen, the setup can be completed within 5 minutes.
- Support speed detection with built-in radar, the speeding ranged from 10 to 320 km/h
- Support license plate recognition (LPR)
- Large storage capacity, up to 1 TB SSD
- Built-in Two detachable lithium batteries(13.2AH, 7.27V) for power supply

▪ Specification

Model		IDS-TDIC00-HI
Camera	Image Sensor	1.1" Progressive Scan CMOS
	Max. Resolution	4112 × 3072
	Min. Illumination	Color: 0.001 Lux @ (F1.4, AGC ON), B/W: 0.0005 Lux @ (F1.4, AGC ON), 0 Lux with IR
	Shutter Time	50 to 40000 μs
	Day & Night	IR cut filter
Lens	Lens Type	Fixed focal lens, 25 mm
	Focal Length & FOV	25 mm, horizontal FOV 32.1°, vertical FOV 23.9°, diagonal FOV 40.3°
	Focus	Auto
	Aperture	F1.6
Illuminator	Built-in Supplement Light Type	IR light
	Light Bead	6
	Built-in Supplement Light Range	Up to 50 m
	Flashlight Control	Supports light control/time control
	IR Wavelength	850 nm
Radar	Working Frequency	24.05 to 24.25 GHz
	Modulation Waveform	FMCW
	Speed Measuring Range	10 to 320 km/h
	Max. Detectable Targets	Up to 32
	Speed Measuring Accuracy	± 2 km/h
	Antenna Beam Width	35° × 16°
	Coverage Lanes	Up to 3 lane(s)
	Capture Rate	≥ 95%
Video	Main Stream	50Hz: 25 fps (4112 × 3072, 3296 × 2472, 3392 × 2008, 2560 × 1920, 2048 × 1536, 1920 × 1080, 1600 × 1200, 1280 × 720)

		60Hz: 30 fps (4112 × 3072, 3296 × 2472, 3392 × 2008, 2560 × 1920, 2048 × 1536, 1920 × 1080, 1600 × 1200, 1280 × 720)
	Sub-Stream	50 Hz: 25 fps (1920 × 1080, 1600 × 1200, 1280 × 720, 704 × 576) 60 Hz: 30 fps (1920 × 1080, 1600 × 1200, 1280 × 720, 704 × 576)
	Third Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 576)
	Video Compression	Main stream: H.265/H.264/MJPEG,, Sub-stream: H.265/H.264/MJPEG,, Third stream: H.265/H.264/MJPEG
	Video Bit Rate	32 Kbps to 16 Mbps
	H.264 Type	Baseline Profile, Main Profile, High Profile
	H.265 Type	Main Profile
PTZ	Pan Range	-10° to 10°
	Tilt Range	-5° to 3°
Network	Protocols	TCP/IP, HTTP, HTTPS, DHCP, DNS, DDNS, RTSP, NTP, SNMP, 802.1X, QoS, IPv4/IPv6, UDP
	Simultaneous Live View	Up to 6 channels
	API	ISAPI, SDK, ISUP
	User/Host	Up to 16 users
	Security	Password protection, Complicated password, HTTPS encryption, IP address filter, Basic and digest authentication for HTTP/HTTPS, RTP/RTSP over HTTPS, Control timeout settings, Security audit log, 802.1X authentication (EAP-PEAP, EAP-LEAP, EAP-MD5), TLS 1.3
	Network Storage	Local storage, CVR, ANR
	Web Browser	Chrome V61+, IE9 to IE11, Firefox V41+, Edge
Wireless (Wi-Fi)	Encryption Mode	WPA-PSK/WPA2-PSK
	Wi-Fi Protocol	IEEE 802.11a/b/g/n/ac/ax
	Frequency Range	2.4 GHz~2.4835 GHz, 5.150 GHz~5.850 GHz
	Channel Bandwidth	20/40/80 MHz
	Modulation	802.11b: CCK(11, 5.5Mbps), QPSK(2Mbps), BPSK(1Mbps), 802.11a/g/n/ac/ax: OFDM
	Transfer Rate	11a: up to 54 Mbps, 11b: up to 11 Mbps, 11g: up to 54 Mbps, 11n: up to 150 Mbps, 11ac: up to 433.3 Mbps, 11ax: up to 600 Mbps
	Wireless Range	Up to 120 m (The performance varies based on actual environment.)
Wireless (Mobile Communication)	Frequency	LTE FDD: Band 1/3/5/7/8/20/28 LTE TDD: Band 38/40/41 WCDMA: Band 1/5/8 GSM/GPRS/EDGE: 850/900/1800MHz

	Standard	LTE-FDD, LTE-TDD, DC-HSPA+, WCDMA, EDGE, GPRS
	SIM Card Type	Nano SIM
Image	Image Settings	Saturation, brightness, contrast, white balance, AGC
	Day/Night Switch	Auto, Schedule, Manual
	Image Enhancement	BLC, HLC, 3D DNR
Supplement Detection (Satellite Positioning)	Satellite Positioning	GPS
Interface	Video Output	2 outputs for extra supplement light control
	Ethernet Interface	1 RJ45 10M/100M/1000M Ethernet interface
	USB	1 USB 3.0
Event	Basic Event	HDD Error, network disconnected, IP address conflicted
Road Traffic and Vehicle Detection	Trigger Mode	Radar trigger, Video trigger
	Capture Speed Range	10 to 320 km/h
	Coverage	Up to 3 lanes
	Smart Function	License Plate Recognition, Vehicle type classification, Vehicle Color, Vehicle Brand
	LPR Countries/Regions	Middle East: The United Arab Emirates (Abu Dhabi, Ajman, Dubai, Fujairah, Ras Al Khaimah, Sharjah and Umm Al Quwain), Qatar, Iraq, Egypt, Jordan, Kuwait, Saudi Arabia, Pakistan, Oman, Lebanon, Bahrain, Africa: Nigeria, Kenya, Ivory Coast, South Africa, Tanzania, Mauritius, Morocco, Tunisia, Sierra Leone, Zambia, Ghana, Zimbabwe, Uganda, Angola, Ethiopia, Senegal, Algeria, Asia-Pacific: Australia, New Zealand, Indonesia, Malaysia, Singapore, South Korea, Thailand, Vietnam, the Philippines, Hong Kong, Macao, Taiwan, Myanmar, India, Mongolia, Cambodia, Laos, Bangladesh, Nepal, Sri Lanka, America: Canada, Argentina, Chile, Paraguay, Uruguay, El Salvador, Bolivia, Colombia, Brazil, Ecuador, Peru, Mexico, Panama, Costa Rica, Trinidad and Tobago, the Dominican Republic, Guatemala, Europe: Turkey, Croatia, Slovakia, Czech Republic, Bulgaria, the Republic of North Macedonia, Hungary, Greece, Poland, France, Netherlands, Switzerland, Spain, the UK, Ireland, Germany, Italy, Austria, Israel, Palestinian, Belgium, Luxembourg, Albania, Kosovo, Serbia, Romania, Montenegro, Denmark, Finland, Sweden, Slovenia, Portugal, Malta, Cyprus, Iceland, Liechtenstein, Bosnia and Herzegovina, Russian-Speaking Regions: Azerbaijan, Belarus, Kazakhstan, Lithuania, Georgia, Estonia, Latvia, Russia, Ukraine, Moldova, Uzbekistan, Kyrgyzstan, Armenia, Turkmenistan, Tajikistan
	Accuracy (Under recommended installation)	Capture rate > 95%, LPR accuracy > 98%, Mistaken capture rate < 5%

	and lighting conditions)	
	No License Plate Detection	Supported
General	Operating System	Linux and Android dual system
	Power	DC12V, 6.5 A, max. 78W
	Material	ADC & PC
	Dimension	292 mm × 270.5 mm × 252.8 mm (11.50" × 10.65" × 9.95") (L × W × H)
	Package Dimension	435 mm × 375 mm × 395 mm (17.13" × 14.76" × 15.55") (L × W × H)
	Weight	Approx. 8.3 kg (18.3 lb.)
	With Package Weight	Approx. 11 kg (24.3 lb.)
	Operating Condition	-30 °C to 70 °C (-22 °F to 158 °F). Humidity 95% or less (non-condensing), Lithium battery included: -20 °C to 60 °C (-4 °F to 140 °F). Humidity 95% or less (non-condensing)
	Storage Condition	-30 °C to 70 °C (-22 °F to 158 °F). Humidity 95% or less (non-condensing)
	General Function	Password protection,One-key reset,Three streams,Heartbeat, NTP time sync,Anti-Theft/Fall Detection, Power Management
Approval	RF	CE-RED: EN 300328 V2.2.2, EN 303413 V1.2.1, EN 301511 V12.5.1, EN 301908-1 V15.2.1, EN 301908-2 V13.1.1, EN 301908-13 V13.2.1, ETSI TS 136 521-1 V18.4.0, EN IEC 62311:2020
	EMC	CE-EMC: EN 301489-1 V2.2.3, EN 301489-17 V3.3.1, EN 301489-19 V2.2.1, EN 301489-51 V2.1.1, EN 301489-52 V1.3.1,EN 61000-3-3:2013+A1:2019+A2:2021, EN IEC 61000-3-2:2019+A1:2021+A2:2024, EN 55032:2015+A11:2020+A1:2020, EN 50130-4:2011+A1:2014, EN 61000-3-3:2013+A1:2019+A2:2021,EN IEC 61000-3-2:2019+A1:2021+A2:2024, EN IEC 61326-1:2021
	Safety	CB: IEC 61010-1:2010,IEC 61010-1:2010/AMD1:2016 CE-LVD: EN 61010-1:2010+A1:2019
	Environment	CE-RoHS: 2011/65/EU,WEEE: 2012/19/EU,Reach: Regulation (EC) No 1907/2006
	Protection	IK10:IEC 62262:2002,IP66:IEC 60529-2013

▪ Typical Application

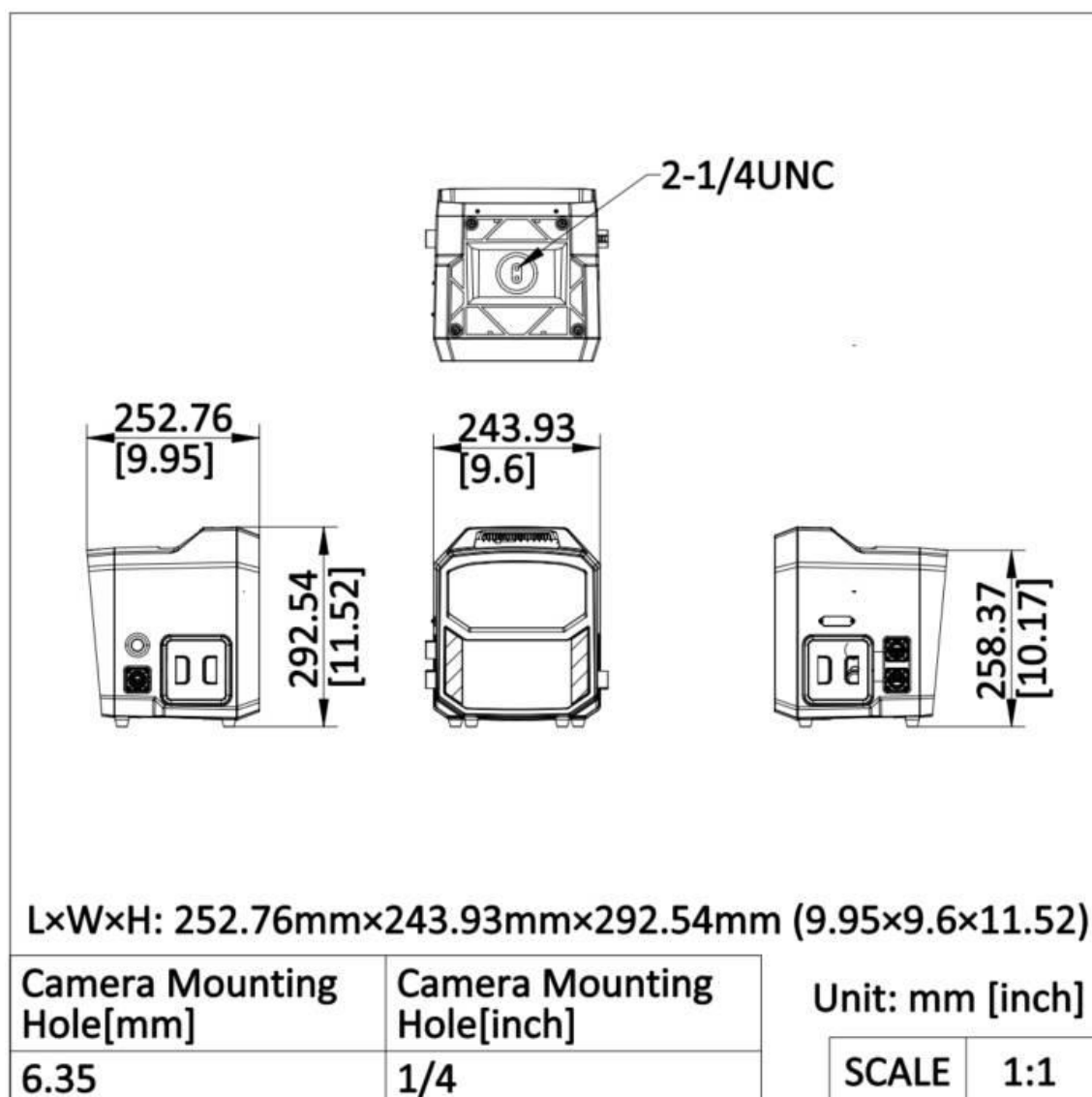
Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a

	must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

▪ Dimension

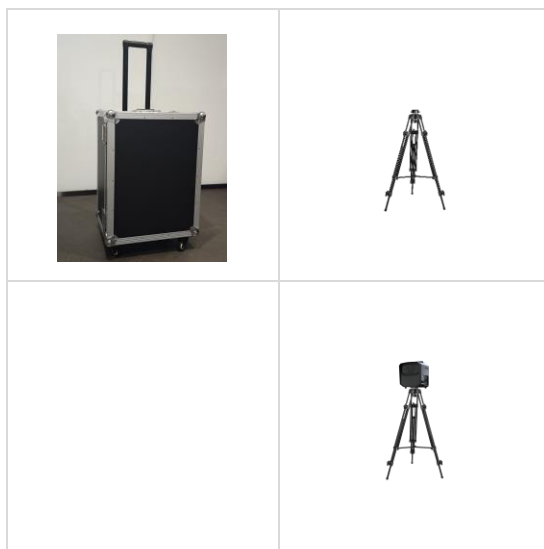


▪ Accessory

▪ Optional

DS-CSYLGX
Trolley Case

L1765
Speed Detector
Triangular Bracket



See Far, Go Further



www.hikvision.com
support@hikvision.com

