

## iDS-TCV500-HI 5MP IR Checkpoint Camera



- High quality imaging with 5 MP resolution (2/3"GMOS)
- Excellent low-light performance, Color: 0.001 Lux@(F1.4, AGC ON), B/W: 0.0005 Lux @ (F1.4, AGC ON)
- Efficient H.265 compression technology
- 3D DNR technology delivers clean and sharp images
- Support license plate recognition (LPR)
- Vehicle feature recognition: vehicle type / color / manufacturer / license plate color recognition, no-plate vehicle capture
- Violation behaviors detection: driving on lane line, lane change, wrong-way driving detection, seatbelt, phone call, U-Turn, red light running, failing to yield for pedestrians, not following directional sign and stop vehicle on intersection detection.
- Application Scenarios: highway, tunnel, toll station, urban road, etc.

## ▪ Specification

| Camera                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                    | 5 MP (2/3" GMOS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Max. Resolution                 | 2464 × 2056                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Min. Illumination               | Color: 0.001 Lux @ (F1.4, AGC ON),<br>B/W: 0.0005 Lux @ (F1.4, AGC ON),<br>0 Lux with IR                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Shutter Time                    | 8 us-20000 us                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Day & Night                     | IR cut filter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Lens                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Lens Type                       | iDS-TCV500-HI:<br>Varifocal lens, motorized lens, 11 to 40 mm<br>iDS-TCV500-HI/1550/H1(AF)(海外标配):<br>Varifocal lens, motorized lens, 15 to 50 mm<br>iDS-TCV500-HI/1140/H1(AF)(24V)(海外标配), iDS-TCV500-HI/1140/H1(AF)(海外中性), iDS-TCV500-HI/1140/H1(AF)(海外标配), iDS-TCV500-HI/1140/H1(AF)(24V)(海外中性), iDS-TCV500-HI/1140(AF)(海外标配):<br>Varifocal lens, motorized lens, 11 to 40 mm                                                                                                                                                                  |
| Focal Length & FOV              | iDS-TCV500-HI: 11 to 40 mm, horizontal FOV 36.8° to 13.9°, vertical FOV 30.7° to 11.6°, diagonal FOV 48.0° to 18.2°<br>iDS-TCV500-HI/1140/H1(AF)(24V)(海外标配), iDS-TCV500-HI/1140/H1(AF)(海外中性), iDS-TCV500-HI/1140/H1(AF)(海外标配), iDS-TCV500-HI/1140/H1(AF)(24V)(海外中性), iDS-TCV500-HI/1140(AF)(海外标配): 11 to 40 mm, horizontal FOV 36.8° to 13.9°, vertical FOV 30.7° to 11.6°, diagonal FOV 48.0° to 18.2°<br>iDS-TCV500-HI/1550/H1(AF)(海外标配): 15 to 50 mm, horizontal FOV 32.0° to 10.4°, vertical FOV 26.6° to 8.6°, diagonal FOV 42.4° to 13.6° |
| Focus                           | Auto                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Aperture                        | iDS-TCV500-HI: F1.6<br>iDS-TCV500-HI/1140/H1(AF)(24V)(海外标配), iDS-TCV500-HI/1140/H1(AF)(海外中性), iDS-TCV500-HI/1140/H1(AF)(海外标配), iDS-TCV500-HI/1140/H1(AF)(24V)(海外中性), iDS-TCV500-HI/1140(AF)(海外标配): F1.6<br>iDS-TCV500-HI/1550/H1(AF)(海外标配): F1.4-C                                                                                                                                                                                                                                                                                              |
| Illuminator                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Built-in Supplement Light Type  | IR light                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Built-in Supplement Light Range | Up to 30 m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Light Bead                      | iDS-TCV500-HI: 3<br>iDS-TCV500-HI/1140/H1(AF)(24V)(海外标配), iDS-TCV500-HI/1140/H1(AF)(海外中性), iDS-TCV500-HI/1140/H1(AF)(海外标配): 3<br>iDS-TCV500-HI/1140(AF)(海外标配): 4                                                                                                                                                                                                                                                                                                                                                                                |
| IR Wavelength                   | 850 nm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| External Supplement Light | Strobe and Flash light                                                                                                                                                                                                                                      |
| <b>Video</b>              |                                                                                                                                                                                                                                                             |
| Main Stream               | 50 Hz: 50 fps (2448 × 2048, 2464 × 2056, 2048 × 1536, 1920 × 1080, 704 × 576)<br>60 Hz: 30 fps (2448 × 2048, 2464 × 2056, 2048 × 1536, 1920 × 1080, 704 × 576)                                                                                              |
| Sub Stream                | 50 Hz: 50 fps (2448 × 2048, 2048 × 1536, 1920 × 1080P, 704 × 576)<br>60 Hz: 30 fps (2448 × 2048, 2048 × 1536, 1920 × 1080P, 704 × 576)                                                                                                                      |
| Third Stream              | 50 Hz: 50 fps (2048 × 1536, 1920 × 1080, 704 × 576)<br>60 Hz: 30 fps (2048 × 1536, 1920 × 1080, 704 × 576)                                                                                                                                                  |
| Video Compression         | H.264 and H.265 encoding<br>Main stream: H.265/H.264/MJPEG<br>Sub-stream: H.265/H.264/MJPEG<br>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                                                                                                                                                                                                                                                |
| <b>Network</b>            |                                                                                                                                                                                                                                                             |
| Protocols                 | TCP/IP, ICMP, HTTP, HTTPS, FTP, DNS, RTP, RTSP, RTCP, NTP, SNMP, 802.1X, IPv4/IPv6, UDP, ISUP, ARP, IGMP, SMTP                                                                                                                                              |
| Simultaneous Live View    | Up to 6 channels                                                                                                                                                                                                                                            |
| API                       | ISAPI, SDK, ISUP, ONVIF (PROFILE S, PROFILE G, PROFILE T, PROFILE M)                                                                                                                                                                                        |
| User/Host                 | Up to 16 users<br>3 user levels: administrator, operator and user                                                                                                                                                                                           |
| Security                  | Password protection, Complicated password, HTTPS encryption, Control timeout settings, 802.1X authentication (EAP-PEAP, EAP-LEAP, EAP-MD5), Basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface |
| Network Storage           | MicroSD/TF card (512 GB), local storage and CVR, NVR, ANR                                                                                                                                                                                                   |
| Client                    | Hik-Central Master, Hik-Central Pro, HikCentral Master Lite                                                                                                                                                                                                 |
| Web Browser               | Chrome V61+, IE9 to IE11, Firefox V40+, Edge                                                                                                                                                                                                                |
| <b>Image</b>              |                                                                                                                                                                                                                                                             |
| Image Settings            | Saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser.                                                                                                                                       |
| Day/Night Switch          | Auto, Schedule, Manual                                                                                                                                                                                                                                      |
| SNR                       | 60 dB                                                                                                                                                                                                                                                       |
| Image Enhancement         | BLC, 3D DNR                                                                                                                                                                                                                                                 |
| <b>Interface</b>          |                                                                                                                                                                                                                                                             |
| Ethernet Interface        | 2 RJ45 10 M/100 M/1000 M self-adaptive Ethernet interfaces                                                                                                                                                                                                  |
| On-Board Storage          | Built-in memory card slot, supporting microSD/SDHC/SDXC card, up to 512 GB                                                                                                                                                                                  |
| Alarm                     | 2 input interfaces (T1, SYNC), 7 output interfaces                                                                                                                                                                                                          |
| RS-485                    | 3 RS-485 interfaces (half duplex, HIKVISION)                                                                                                                                                                                                                |
| RS-232                    | 1 RS-232 interface                                                                                                                                                                                                                                          |
| USB                       | 1 USB 2.0 interface                                                                                                                                                                                                                                         |
| <b>Event</b>              |                                                                                                                                                                                                                                                             |
| Basic Event               | HDD Error, Network disconnected, IP address conflicted, Traffic light detector exception                                                                                                                                                                    |

| Road Traffic and Vehicle Detection                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Coverage                                                          | Up to 2 lane(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Trigger Mode                                                      | External I/O trigger/Radar trigger/Video trigger                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Smart Function                                                    | License plate recognition, Vehicle type classification, color identification, no-plate vehicle capture, moving direction detection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| LPR Countries/Regions                                             | <p>Mid-East:<br/>United Arab Emirates (Abu Dhabi, Fuchaiha, Dubai, Cape Haima, Ozhman, Sharjah, Umgavan), Qatar, Iraq, Egypt, Jordan, Kuwait, Saudi Arabia, Pakistan, Oman, Lebanon, Bahrain</p> <p>Africa:<br/>Nigeria, Kenya, Cote d'Ivoire, South Africa, Tanzania, Mauritius, Morocco, Tunisia, Sierra Leone, Zambia, Ghana, Zimbabwe, Uganda, Angola, Ethiopia, Senegal, Algeria</p> <p>Asia-Pacific:<br/>Australia, New Zealand, Indonesia, Malaysia, Singapore, South Korea, Thailand, Vietnam, Philippines, Hong Kong, Macao, Taiwan, Burma, India, Mongolia, Cambodia, Laos, Bangladesh</p> <p>America:<br/>United States of America, Canada, Argentina, Chile, Paraguay, Uruguay, El Salvador, Bolivia, Colombia, Brazil, Ecuador, Peru, Mexico, Panama, Costa Rica, Trinidad and Tobago, Dominican, Guatemala</p> <p>Europe:<br/>Turkey, Croatia, Slovakia, Czech Republic, Bulgaria, Macedonia, Hungary, Greece, Poland, France, Netherlands, Switzerland, Spain, Britain, Ireland, Germany, Italy, Austria, Israel, Palestine, Belgium, Luxembourg, Albania, Kosovo</p> <p>Russian-Speaking Regions:<br/>Azerbaijan, Belarus, Kazakhstan, Lithuania, Georgia, Estonia, Latvia, Russian Federation, Ukraine, Moldova, Uzbekistan, Kyrgyzstan, Armenia</p> |
| No License Plate Detection                                        | Supported                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Accuracy (Under recommended installation and lighting conditions) | <p>Capture rate &gt; 99%,</p> <p>Vehicle moving direction recognition accuracy &gt; 98.5%,</p> <p>LPR accuracy &gt; 98%,</p> <p>Mistaken capture rate &lt; 2%</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Motorcycle LPR                                                    | Supported                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Vehicle Color                                                     | <p>Red, yellow, green, blue, pink, purple, cyan, brown, white, grey, black</p> <p>Recognizable at daytime only.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

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|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vehicle Manufacturer             | 212 Manufacturers: AC SCHNITZER, AITO, APOLLO, Ashok Leyland, Audi, Aston Martin, Acura, Ankai, Ayvip, Alfa Romeo, Asiarstar, Artega, ARCFOX, BAIC, Beiben Truck, BLUECAR, Bedford, Benz, BMW, BYD, Bufori, Buick, Bently, Brabus, Bugatti, Borgward, BONLUCK, Besturn, CADILLAC, Celis, Chevrolet, Citroen, Chery, Chrysler, Chang an, CNHTC, CHTC, Caterham, Conquest, C&C Trucks, CAMC, DAIHATSU, DMC, DS, Dacia, Dongnan, Dodge, Dongwo, Denza, Dongfeng, Daewoo, Dima, Denway, DORCEN, Eicher, Emgrand, Equus, EXEED, Ford, FORO, Fornasari, Ferrari, Fuqi, Fiat, Fisker, FQT Motor, Foton, FAW, FORLAND, FUSO, Force Motors, Fxauto, Faralli Mazzanti, GAC, Great Wall, GMC, Geely, Geometry, Hyundai, HENNESSEY, HINO, Honda, Haima, Haval, Hongqi, Isuzu, Infiniti, Iveco, IAT, IM, JAC, JBC, JEEP, Jaguar, JMC, JETOUR, JETTA, Joylong, Koenigsegg, KIA, Kia-Borrego, King Long, Kama, KTM, LEVC, Lexus, Land Rover, Lincoln, Lamborghini, Lotus, Luxgen, Levdeo, Leopaard, Lynk & Co, Lada, Leading Ideal, LEAPMOTOR, LUMMA, Lorinser, Land Wind, MAN Trucks, MAXUS, MG, MINI, Mahindra, Mitsuoka, Maserati, Meiya, McLaren, Maybach, Mazda, Morgan, Mitsubishi, Mustang, Marvel R, Maple, MANSORY, Modern, NOMA, Nissan, Norinco, Neoplan, NIO, NETA, Opel, Ora, Oushang, Perodua, Porsche, Peugeot, PGO, Proton, Pagani, Polestar, POCCO, Qoros, RAM, Rolls-Royce, Renault, Roewe, Rohens, Ranz, Ruilan, Radar, Renault Samsung, SAAB, SCANIA, SCION, SMART, SML ISUZU, Suzuki, SAIC Datong, Subaru, Skoda, Startek, Soyat, Seat, SWM, Sany, SsangYong, Sojen, Silver, SATE, SOL, Skyworth, SGMW, SITECH DEV, TATA, Tankar, Tesla, Trumpchi, Techart, Toyota, UD, UAES, Volkswagen, VINFAST, Venucia, Volvo, VOYAH, VeiculoLongo, Weltmeister, XCMG, Xinyuan, XPENG, Yutong, YAMAHA, Zhonghua, Zotye, Zhinuo, ZEEKR, Zenvo |
| Vehicle Type                     | Car/Van/Bus/Truck/Light Truck/SUV_MPV/Pickup/Pedestrian/Motorcycle/Tricycle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| License Plate Color Recognition  | Customized to support                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| U-Turn                           | Supported(only E-Police mode)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Red Light Running                | Supported(only E-Police mode)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Failing to Yield for Pedestrians | Supported(only E-Police mode)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Stop Vehicle on Intersection     | Supported(only E-Police mode)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Not Following Directional Sign   | Supported(only E-Police mode)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Yellow Box Junction Violation    | Supported (only E-Police mode)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Driving on Lane Line Detection   | Supported                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Lane Change Detection            | Supported                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Seatbelt Detection               | Supported (with flash supplement light)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Phone Call Detection             | Supported (with flash supplement light)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Vehicle Window Film              | Supported (with flash supplement light)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Wrong-Way Driving Detection      | Supported                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Emergency Lane Occupation        | Supported (truck forbidden lane, emergency lane, urban bus lane)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Prohibition Mark Violation       | Supported                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Speeding                         | Supported (with Radar)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Low-Speed                        | Supported (with Radar)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Manned Non-Motor Vehicle         | Supported                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Without Helmet                   | Supported                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Capture Speed Range              | 10 to 320 km/h                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

| General             |                                                                                                                                                                                                                                                                                                                                                              |
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| Operating System    | Linux                                                                                                                                                                                                                                                                                                                                                        |
| Power               | <p>iDS-TCV500-HI:<br/>AC 100 V to 240 V, 1.5 A, max. 35 W, 3-core terminal block,<br/>DC 24 model: DC 24 V, 2.5 A, max. 35 W, 2-core terminal block</p> <p>AC 100 V to 240 V, 1.5 A, max. 35 W, 3-core terminal block,<br/>DC 24 model: DC 24 V, 2.5 A, max. 35 W, 2-core terminal block</p>                                                                 |
| Material            | Aluminum alloy                                                                                                                                                                                                                                                                                                                                               |
| Package Dimension   | <p>iDS-TCV500-HI:667 mm × 357 mm × 224 mm (26.26" × 14.06" × 8.82") (L × W × H)<br/>iDS-TCV500-HI/1140(AF)(海外标配):833 mm × 275 mm × 325 mm (32.80" × 10.83" × 12.80") (L × W × H)<br/>iDS-TCV500-HI/1140/H1(AF)(24V)(海外标配),iDS-TCV500-HI/1140/H1(AF)(海外中性),iDS-TCV500-HI/1140/H1(AF)(海外标配):667 mm × 357 mm × 224 mm (26.26" × 14.06" × 8.82") (L × W × H)</p> |
| Dimension           | <p>iDS-TCV500-HI:636 mm × 174 mm × 146 mm (25.04" × 6.85" × 5.75") (L × W × H)<br/>iDS-TCV500-HI/1140(AF)(海外标配):636 mm × 174 mm × 146 mm (25.04" × 6.85" × 5.75") (L × W × H)<br/>iDS-TCV500-HI/1140/H1(AF)(24V)(海外标配),iDS-TCV500-HI/1140/H1(AF)(海外中性),iDS-TCV500-HI/1140/H1(AF)(海外标配):501 mm × 175.6 mm × 144.6 mm (19.72" × 6.92" × 5.69") (L × W × H)</p> |
| Weight              | <p>iDS-TCV500-HI:Approx. 6.5 kg (14.33 lb.)<br/>iDS-TCV500-HI/1140/H1(AF)(24V)(海外标配),iDS-TCV500-HI/1140/H1(AF)(海外中性),iDS-TCV500-HI/1140/H1(AF)(海外标配):Approx. 5.13 kg (11.31 lb.)<br/>iDS-TCV500-HI/1140(AF)(海外标配):Approx. 6.11 kg (13.47 lb.)</p>                                                                                                            |
| With Package Weight | <p>iDS-TCV500-HI:Approx. 7.4 kg (16.31 lb.)<br/>iDS-TCV500-HI/1140(AF)(海外标配):Approx. 9.92 kg (21.87 lb.)<br/>iDS-TCV500-HI/1140/H1(AF)(24V)(海外标配),iDS-TCV500-HI/1140/H1(AF)(海外中性),iDS-TCV500-HI/1140/H1(AF)(海外标配):Approx. 7.4 kg (16.31 lb.)</p>                                                                                                             |
| Operating Condition | -30 °C to 70 °C (-22 °F to 158 °F). Humidity: 5% to 95% (non-condensing)                                                                                                                                                                                                                                                                                     |
| Storage Condition   | -30 °C to 70 °C (-22 °F to 158 °F). Humidity: 5% to 95% (non-condensing)                                                                                                                                                                                                                                                                                     |
| General Function    | Password protection,Three streams,Heartbeat,One-key reset,Pixel counter                                                                                                                                                                                                                                                                                      |
| Heater              | Optional                                                                                                                                                                                                                                                                                                                                                     |
| Language            | 8 languages: English, Thai, Croatian, Korean, Russian, Traditional Chinese, Ukrainian, Spanish                                                                                                                                                                                                                                                               |
| Approval            |                                                                                                                                                                                                                                                                                                                                                              |
| EMC                 | CE-EMC: EN 55032: 2015/A11:2020+A1:2020, EN IEC61000-3-2: 2019/A1:2021, EN 61000-3-3: 2013+A1:2019/A2:2021, EN 50130-4: 2011 +A1: 2014                                                                                                                                                                                                                       |
| Safety              | CB: IEC 62368-1: 2014,CB: IEC 62368-1: 2018,CE-LVD: EN 62368-1: 2014+A11: 2017, CE-LVD:EN IEC 62368-1:2020+A11:2020                                                                                                                                                                                                                                          |

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|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environment | CE-RoHS: 2011/65/EU,WEEE: 2012/19/EU,Reach: Regulation (EC) No 1907/2006                                                                                                                                                                                                            |
| Protection  | iDS-TCV500-HI:IK10: IEC 62262:2002,IP67: IEC 60529-2013<br>iDS-TCV500-HI/1140(AF)(海外标配):IK10: IEC 62262:2002,IP54: IEC 60529-2013<br>iDS-TCV500-HI/1140/H1(AF)(24V)(海外标配),iDS-TCV500-HI/1140/H1(AF)(海外中性),iDS-TCV500-HI/1140/H1(AF)(海外标配):IK10: IEC 62262:2002,IP67: IEC 60529-2013 |

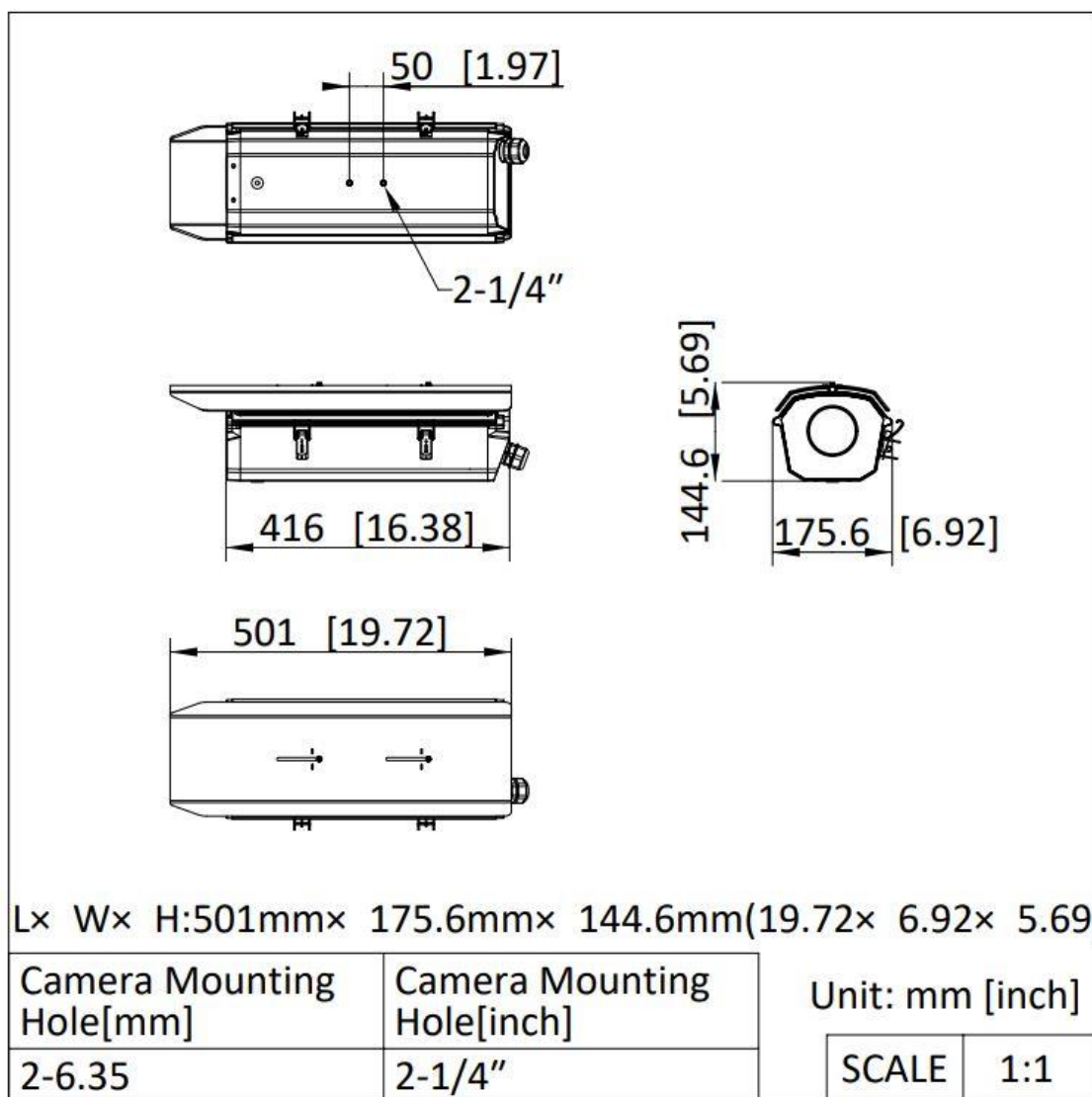
## ▪ Typical Application

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

▪ Included

DS-1232ZJ-T/BJH



▪ Optional

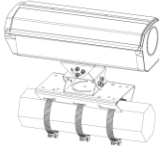
DS-1275ZJ/HWB

DS-1278ZJ-HWB

DS-1701ZJ/HKB



▪ **Installation Methods**

| <b>Vertical Pole Mounting</b><br><b>DS-1275ZJ/HWB</b>                             | <b>Horizontal Pole Mounting</b><br><b>DS-1278ZJ-HWB</b>                           | <b>Wall Mounting</b><br><b>DS-1701ZJ/HKB</b>                                       |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  |  |  |

# See Far, Go Further



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