# iDS-TSS500-F
## Traffic Incident Detection Server

- Supports access to multiple types of cameras, including normal surveillance camera, smart surveillance camera, capture camera, and onvif protocol-supported third-party camera.

- Supports multiple incidents detection: congestion, wrong-way driving, stopped vehicle, motor vehicle on non-motor vehicle lane (emergency lane occupation), pedestrian, fallen object, roadblock, construction, traffic accident, single vehicle breakdown, flow, driving on the lane line, lane change, U-turn, smoke.

- Supports multiple traffic parameters collection: traffic flow, traffic flow (small-size vehicle), traffic flow (medium-size vehicle), traffic flow (large-size vehicle), average speed, average lane time occupation, average lane space occupation, average time headway, average space headway.

- Supports 2 × 3.5-inch SATA (each SATA interface supports up to 8 TB HDD).

- Supports to search data and playback related videos according to time, channel, incident type, and capture type.

- Rack-mounted 1U chassis design, makes server convenient to place in the cabinet of server room.

- Supports 4 national languages: English, Traditional Chinese, Russian, Spanish.

- Supports VQD (Video Quality Diagnosis), including video tampering and blurred image.
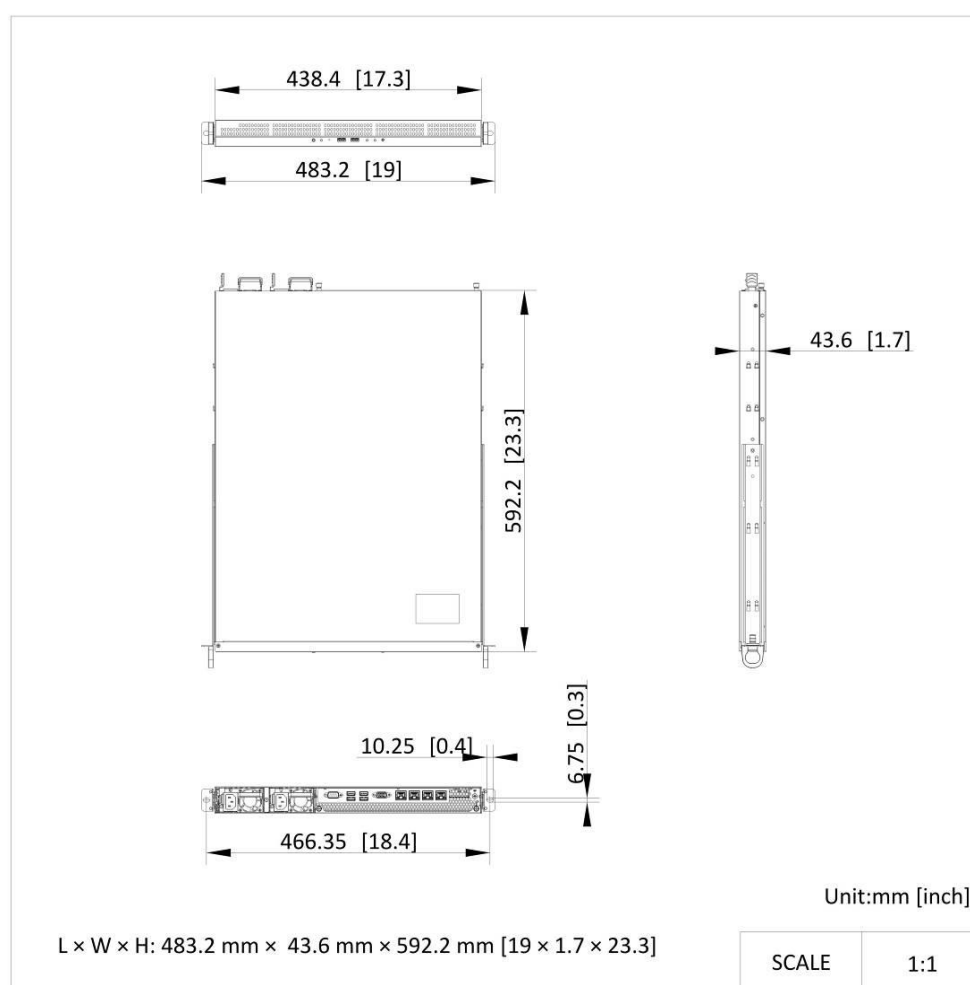
## ▪ Specification

| Video | |
|---|---|
| Video Input | 16 CH access, up to 4 MP resolution |
| Video Compression | H.264, H.265 |
| **Interface** | |
| USB | 6 × USB 2.0 (5.0 V, 1.0 A) |
| RS-232 | 1 RS-232 |
| Network Interface | 4 RJ-45 10 M/100 M/1000 M self-adaptive Ethernet port(s) |
| Indicator | 4 × indicator (1 × power indicator, 1 × alarm indicator, 1 × HDD indicator, 1 × ready indicator) |
| VGA Interface | 1 × VGA |
| **Network** | |
| User/Host | Up to 128 users, 3 user levels: administrator, operator, and user |
| Client | Hik-Central Master, HikCentral Master Lite, Hik-Central Pro |
| Web Browser | Chrome V61+, Edge |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, SMTP, IGMP, 802.1X, QoS, IPv4/IPv6, UDP, SSL/TLS, ARP |
| API | ONVIF (PROFILE M, PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK |
| Simultaneous Live View | Up to 4 channel(s) |
| Security | Password protection, Complicated password, HTTPS encryption, Watermark, Basic and digest authentication for HTTP/HTTPS, RTP/RTSP over HTTPS, Control timeout settings, Security audit log |
| **Function** | |
| Smart Function | Congestion, Wrong-Way Driving, Stopped Vehicle, Motor Vehicle on Non-Motor Vehicle Lane(Emergency Lane Occupation), Pedestrian, Fallen Object, Roadblock, Construction, Traffic Accident, Single Vehicle Breakdown, Flow, Driving on the Lane Line, Lane Change, U-Turn, Smoke.,Traffic Flow, Traffic Flow (Small-Size Vehicle), Traffic Flow (Medium-Size Vehicle), Traffic Flow (Large-Size Vehicle), Average Speed, Average Lane Time Occupation, Average Lane Space Occupation, Average Time Headway, Average Space Headway. |
| Network Settings | Able to set two-segment IP address |
| Data Uploading | TFS (Traffic Forensics System), AID (Automatic Incident Detection) and manual uploading |
| **General** | |
| Operation System | Linux |
| Operating GUI | Web |
| HDD Storage | 2 × 3.5-inch SATA (Each SATA interface supports up to 8 TB HDD) |
| Power | AC 100 V to 240 V, 1.5 A, max. 200 W |
| Dimensions | 483.2 mm × 43.6 mm × 592.2 mm (19" × 1.7" × 23.3") (L × W × H) |
| Package Dimensions | 570 mm × 179 mm × 793 mm (22.44" × 7.05" × 31.22") (L × W × H) |
| Weight | Approx. 10.25 kg (22.6 lb.) |
| With Package Weight | Approx. 15.76 kg (36.74 lb.) |

| Operating Condition | 5 °C to 45°C (41°F to 113 °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) |
| **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, IEC 62368-1:2018, CE-LVD: EN 62368-1:2014+A11:2017 |
| Environment | CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU |

▪ **Available Model**

iDS-TSS500-F/16

## Dimension



438.4 [17.3]

483.2 [19]

592.2 [23.3]

43.6 [1.7]

6.75 [0.3]

10.25 [0.4]

466.35 [18.4]

Unit:mm [inch]

L × W × H: 483.2 mm × 43.6 mm × 592.2 mm [19 × 1.7 × 23.3]

| SCALE | 1:1 |
|---|---|

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