

iDS-TSS300-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, 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 4 × 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.
- Supports 19-inch cabinet installation, easy to install and suitable for standard cabinets.
- Supports 4 national languages: English, Traditional Chinese, Russian, Spanish.
- Supports VQD (Video Quality Diagnosis), including Video Tampering and Blurred Image.

▪ Specification

Video	
Video Compression	H.265, H.264
Video Input	4 CH access, up to 4 MP resolution
Interface	
RS-232	2 RS-232
RS-485	2 RS-485
Alarm	2 × input, 2 × output
Audio	1 × input, 1 × output
Indicator	4 × indicator (1 × Power Indicator, 1 × Alarm Indicator, 1 × HDD Indicator, 1 × Ready Indicator)
USB	1 × USB 3.0 (5.0 V, 1.0 A)
Network Interface	10 RJ45 10 M/100 M/1000 M self-adaptive Ethernet port(s)
Optical Interface	2 SFP
Network	
User/Host	Up to 128 users, 3 user levels: administrator, operator, and user
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
API	ONVIF (PROFILE M, PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
Protocols	TCP/IP, DDNS, HTTPS, RTSP, NTP, HTTP, FTP, DHCP, DNS, RTP, IPv4/IPv6, UDP, SSL/TLS, ICMP, RTCP, SMTP, IGMP, 802.1X, QoS, ARP
Web Browser	Chrome V61+, Edge
Client	Hik-Central Master, Hik-Central Pro, HikCentral Master Lite
Function	
Smart Function	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, 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.
Data Uploading	TFS (Traffic Forensics System), AID (Automatic Incident Detection) and manual uploading
Network Settings	Able to set two-segment IP address
General	
Operation System	Linux
Operating GUI	Web
HDD Storage	4 × 3.5-inch SATA (Each SATA interface supports up to 8 TB HDD)
Power	DC 12 V ± 10%, 6 A, max. 72 W
Dimensions	482.6 mm × 102.5 mm × 285.49 mm (19" × 4.04" × 11.24") (L × W × H)
Package Dimensions	563 mm × 363 mm × 180 mm (22.1" × 14.3" × 7.1") (L × W × H)
Weight	Approx. 5.6 kg (12.34 lb.)
With Package Weight	Approx. 8 kg (17.64 lb.)
Operating Condition	- 30 °C to 70 °C (- 22 °F to 158 °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)

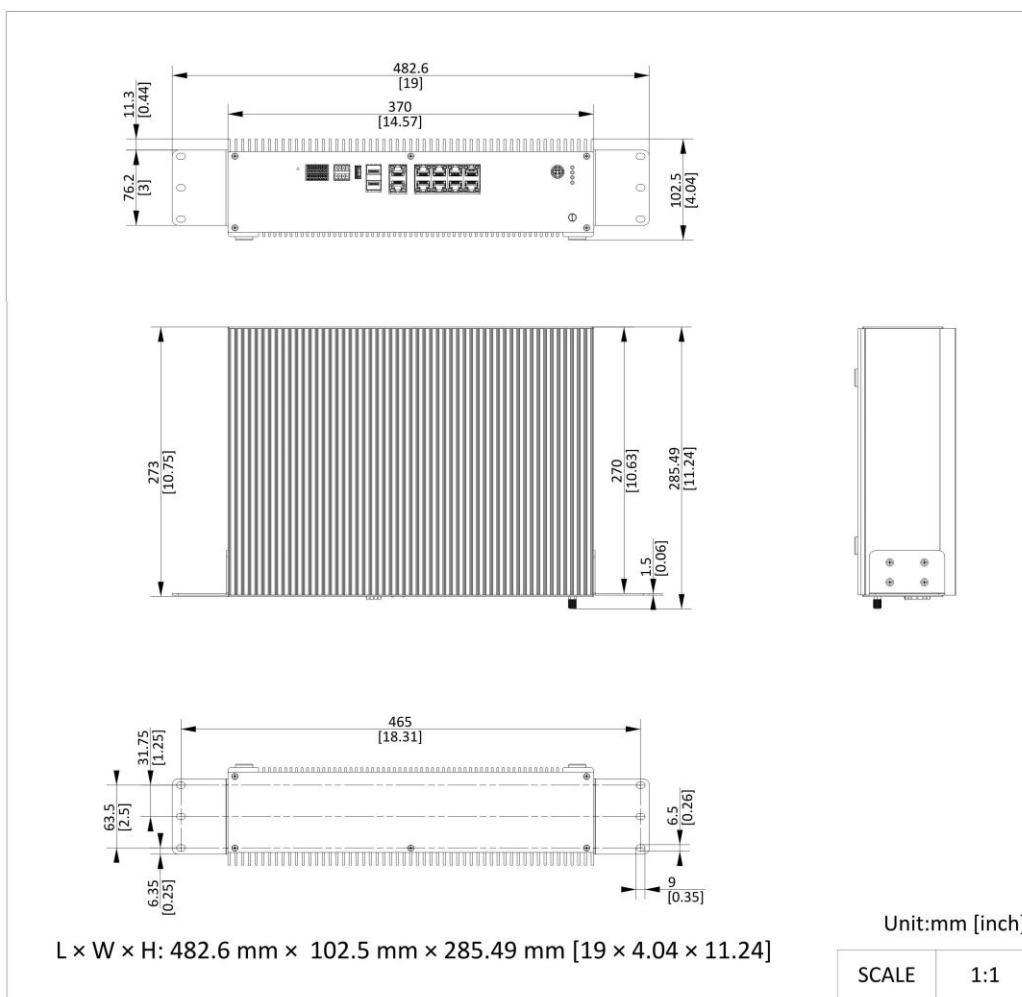
Approval

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-TSS300-F/04/4T

Dimension



See Far, Go Further



www.hikvision.com
support@hikvision.com

