

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, 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

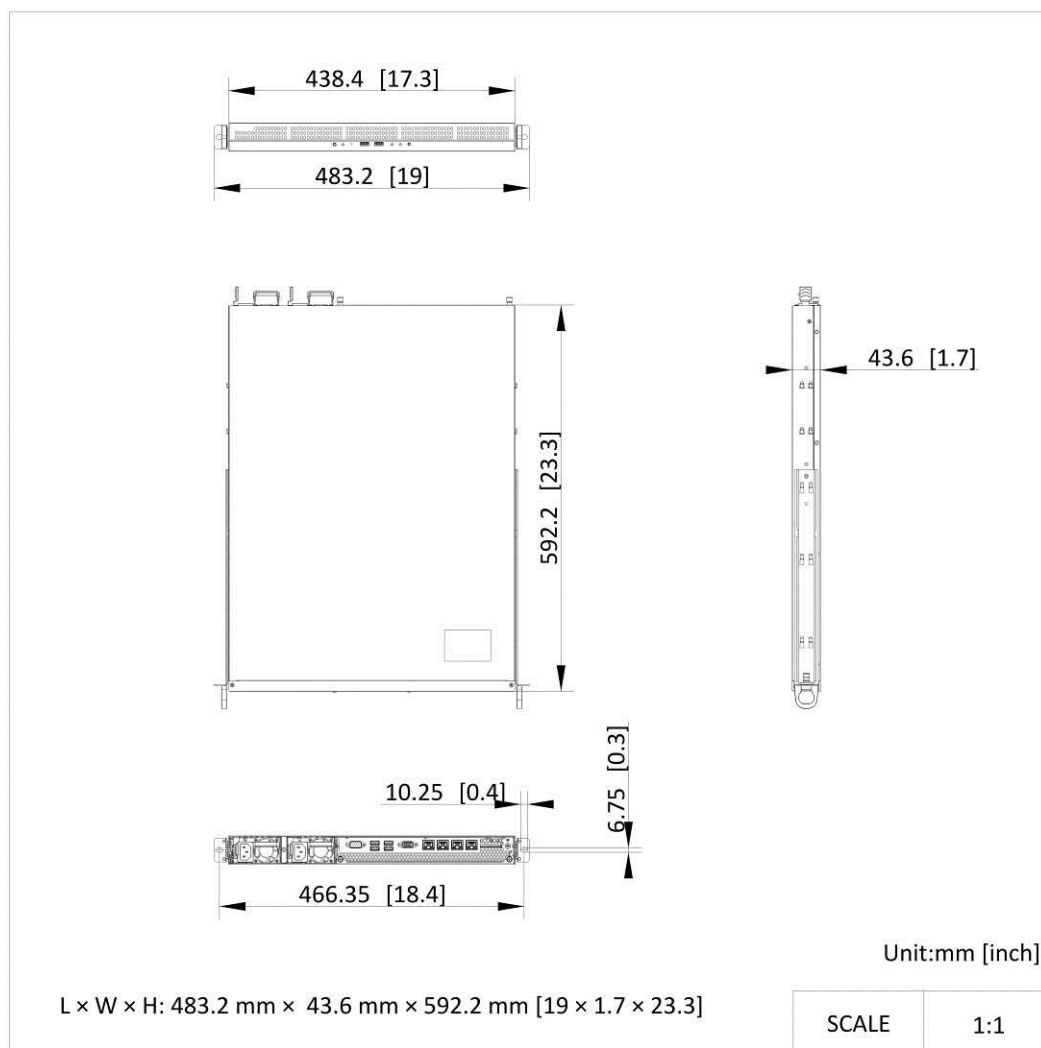
Video	
Video Input	16 CH access, up to 4MP resolution
Video Compression	H.264,H.265
Interface	
Indicator	4 × indicator (1 × Power Indicator, 1 × Alarm Indicator, 1 × HDD Indicator, 1 × Ready Indicator)
Network Interface	4 RJ45 10M/100M/1000M self-adaptive Ethernet port(s)
USB	6 × USB 2.0 (5.0 V, 1.0 A)
RS-232	1 RS-232
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,802.1 X,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	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.
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
Power	AC 100V to 240V,1.5A,max.200W
HDD Storage	2 × 3.5-inch SATA (Each SATA interface supports up to 8 TB HDD),Default 2 × 2 TB HDD
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**



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