

# iDS-TSS500-C/16 Series Traffic Incident Detection Server

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## Introduction

iDS-TSS500-C/16 is a multi-channels video smart analysis device. Applied in such scenarios as city roads, expressways, and tunnels for real-time traffic incidents detection, it can collect traffic parameters, capture pictures of the detected incidents, and recognize license plates. iDS-TSS500-C/16 can detect and analyze traffic incidents, and collect traffic parameters of traffic network cameras from 16 channels simultaneously.

## Key Feature

- Supports accessing to box camera and speed dome, to detect traffic incidents and collect traffic parameters simultaneously.
- Rack-mounted 1U chassis design, makes server convenient to place in the cabinet of server room.
- Supports multiple incidents detection, including barricade, road construction, congestion, parking, driving on lane line, making a U-turn, wrong-direction driving, pedestrians, dropping litters, lane changes, and motor vehicle driving on non-motor vehicle lanes (emergency lane occupation).
- Supports other customized incidents: lane occupation by trucks, violation of bans, queue-jumping in congestion, speed drops, smoke, fires, slowly-moved vehicles, and visibility.
- Supports multiple traffic parameters collection: vehicle type, lane flow, lane speed, space headway, time headway, lane time occupancy rate, lane space occupancy rate, queuing length, and traffic status.
- Supports illegal parking zoom capture and multiple scenes patrol detection when speed dome is connected.

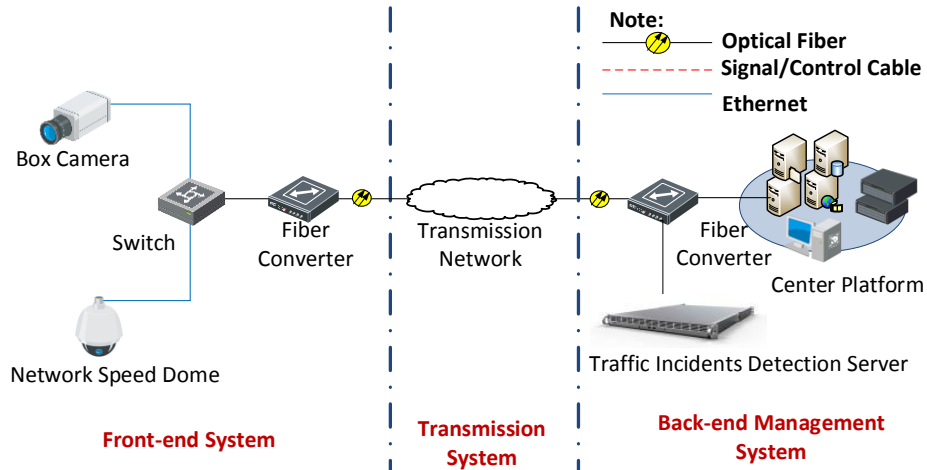
## Specification

<b>System</b>	
Operating Interface	Web
Button	Power switch, reset button
Indicator	Power indicator, alarm indicator, UID indicator, ready indicator
<b>Interface</b>	
Network Interface	4 self-adaptive 10 M/100 M/1000 M network interfaces
VGA Interface	1
USB Interface	4 × USB 3.0, 2 × USB 2.0
<b>General</b>	
Power Supply	Hot-swapping efficient 1+1 redundant power supply
Power Consumption	150 W
Dimension (W × D × H)	439 mm × 591 mm × 44 mm (17.28" × 23.27" × 1.73") 19" 1U standard chassis design
Working Environment	Working Temperature: 5 °C to 35 °C (41 °F to 95 °F) Working Humidity: 10% to 90%

## Available Model

Model	Function
iDS-TSS500-C/16	Supports traffic incidents auto detection, picture capture and parameters collection of 4 MP network cameras from 16 channels.

## Typical Application



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