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.
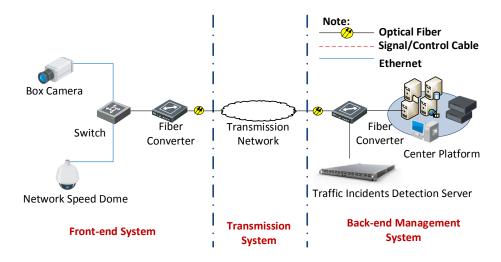
Specification

System	
Operating Interface	Web
Button	Power switch, reset button
Indicator	Power indicator, alarm indicator, UID indicator, ready indicator
Interface	
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
On-Board Storage	240 GB for picture storage
General	
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