

iDS-TP40-04L Smart Traffic Data Analysis Server



Features and Functions

Smart Functions

- GPU architecture with deep-learning algorithm. 2MP/3MP HD camera connection to detect and analyze multiple traffic incidents, and supports traffic flow statistics.
- Multiple traffic incidents detection: Illegal parking, wrong-way driving, pedestrian, driving on the lane line, illegal lane change, objects dropped down, occupy emergency lane, congestion, vehicle type, lane traffic flow, roadblock, construction.

Professionalism and Reliability

- Pluggable HDD for convenient installation and maintenance.
- Professional embedded hardware and software to guarantee the reliability of system operation.
- Data network interfaces and management network interfaces to raise the system safety.
- Low power consumption and low heat dissipation.

HD Input

- Up to 4-ch 2MP/3 MP HD cameras connection.
- Live view, record, and playback of the connected cameras.

HD Output

- Live view via HDMI output.
- Live view via web browser.

HD Storage

- 1 1 T HDD for record and picture storage.
- ANR.

HD Transmission

- 2 self-adaptive 100/1000M network interfaces and 4 self-adaptive 10/100M network interfaces.

Various Applications

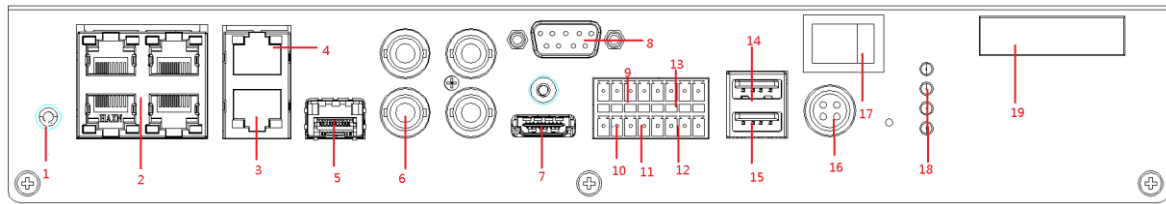
- Centralized management of connected IP cameras, including system configuration, information import and export, real-time information display, data management and search, data export, upgrade, etc.
- Connectable to Hikvision smart IP cameras to realize live view, playback, and event alarm.
- Time synchronization by GPS, NTP, SDK, etc.
- Provides power supply to external devices (e.g., external HDD) with 12 VDC.
- One-key restoration to factory settings.
- Supports listening mode and uploading data to Hikvision iVMS-8600.
- Provides SDK for secondary development by third-party manufacturer.



Specifications

Model	iDS-TP40-04L
Operating Interface	WEB, HDMI
HDD Storage	1 2.5" 1 T HDD
Network Interface	1 optical interface 4 10/100M self-adaptive Ethernet interfaces, 2 100/1000M self-adaptive Ethernet interfaces
Analog Video Input	4-ch HDTVI video inputs
IP Video Input	Up to 4-ch 2MP/3 MP IP cameras connection
Audio Input	1-ch
Audio Output	1-ch
Alarm Input	2-ch
Alarm Output	2-ch
USB Interface	2 × USB 2.0
RS-232 Interface	2
RS-485 Interface	2
Indicator	UID indicator, Alarm indicator, Power indicator, Ready indicator
Memory	4 GB
TX1 Chip	2
Button	Power On/Off Reset
Power Supply	12 VDC/5A
Dimensions (W × D × H)	300 × 227.5 × 74.1 mm (11.8 × 9.0 × 2.9 inch)
Operating Temperature	-20 °C to +55 °C (-4 °F to +131 °F)
Operating Humidity	10% to 90%
Weight	3.6 kg (7.9 lb)

Panel Interfaces



No.	Name	No.	Name
1	GND	11	Alarm input
2	10/100M self-adaptive Ethernet interfaces	12	Alarm output
3	100/1000M self-adaptive G2 Ethernet interface	13	Audio in/out
4	100/1000M self-adaptive G1 Ethernet interface	14	USB 2.0 interface
5	Optical interface	15	USB 2.0 interface
6	Video in	16	12 VDC power input
7	HDMI interface	17	Power switch
8	RS-232 serial interface	18	Status indicators
9	RS-485 serial interface	19	Logo
10	RS-232 serial interface		

Available Models

iDS-TP40-04L

Distributed by



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