

## 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

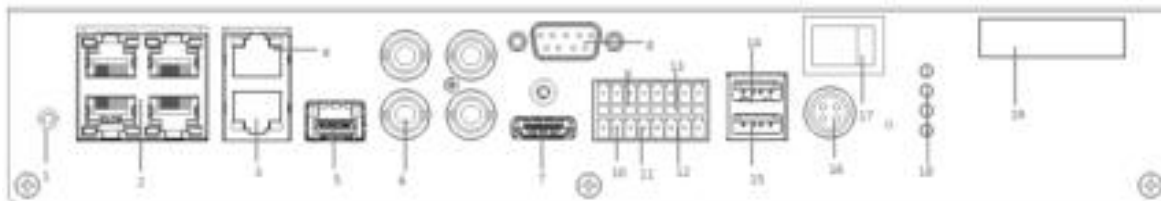
- Centralized management of connected IP cameras, including system configuration, information import and export, real-time information display, data management and search, data export, upgrade, etc.
- Connectable to Hikvision smart IP cameras to realize live view, playback, and event alarm.
- Time synchronization 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



## HIKVISION

### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-8888  
overseas@business@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Italy**  
T +39-0438-6982  
info.it@hikvision.com

**Hikvision Singapore**  
T +65-6584-4718  
sg@hikvision.com

**Hikvision Africa**  
T +27 (0) 0351172  
sales.africa@hikvision.com

**Hikvision Europe**  
T +31-23-55-42-770  
info.eu@hikvision.com

**Hikvision France**  
T +33011-85-350-450  
info.fr@hikvision.com

**Hikvision Oceania**  
T +61-2-8595-4233  
sales.au@hikvision.com

**Hikvision Hong Kong**  
T +852-2151-1761

**Hikvision Middle East**  
T +971-4-8810066  
sales.me@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Canada**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Russia**  
T +7-495-665-67-89  
sales.ru@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
poland@hikvision.com

**Hikvision Korea**  
T +82-31-731-8841  
sales.korea@hikvision.com

**Hikvision India**  
T +91-22-26460000  
sales@pram@hikvision.com

**Hikvision UK**  
T +01629-902140  
support.uk@hikvision.com

**Hikvision Brazil**  
T +55 11 3338-0050  
latam.support@hikvision.com