



Introduction

iDS-TSV300-C/12 is a new generation device of secondary recognition and comparison for pictures, which is of high performance and deep learning algorithm-based. It can be connected to multiple cameras, and receive corresponding captured pictures to perform secondary recognition. The server can compare secondary picture recognition results with that of directly-recognized pictures, then upload the optimal results to the platform.

With an embedded and fanless design, the device is applied for outdoor scenes. It can not only meet the distributed storage needs of cameras, but also form a powerful security monitoring system when access to platform management center through the Internet.

Key Feature

- Perform as an outdoor NVR and supports access to multiple types of cameras, including normal surveillance camera, smart surveillance camera, checkpoint intersection violation camera, and network speed dome.
- A new generation deep learning based device of secondary recognition and comparison for pictures, supports secondary recognition and structured processing of received captured pictures.
- Supports to recognize license plate number, vehicle type (coach, truck, car, minibus, van, SUV, and pickup truck), vehicle color (red, yellow, green, cyan, blue, purple, pink, brown, white, gray, and black) and vehicle brand. Whether or not wearing the safety belt or making a phone call can also be recognized.
- Supports up to 4 × 3.5-inch HDD and 24 TB storage space for receiving and store pictures and videos.
- Fanless design with full-device profiles heat dissipation, provides a higher stability.
- Standard 19-inch rack design, easy to install and suitable for standard cabinets.

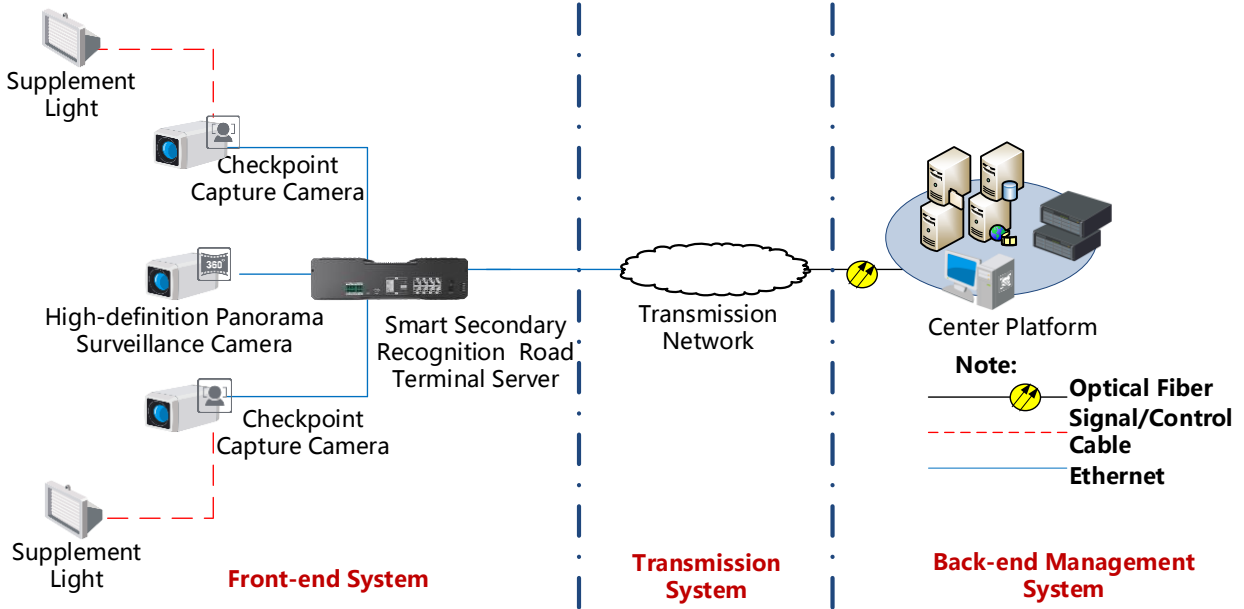
Specification

System	
Operating System	Embedded Linux Operating System
Operating Interface	WEB
HDD Storage Capacity	1 × 4 TB 3.5-inch SATA HDD (Default); 4 × 6 TB (Scalable)
RESET Button	1 × Reset button
Indicator	Power indicator, alarm status indicator, HDD indicator, running status indicator
Interface	
Network Interface	Dual NIC design NIC 1: 9 × Gigabit Ethernet interface, 1 × combo SFP Gigabit fiber optic interface NIC 2: 1 × Gigabit Ethernet interface, 1 × SFP Gigabit fiber optic interface
Audio Input	1
Audio Output	1
Alarm Input	2
Alarm Output	2
RS-232 Interface	2
RS-485 Interface	2
USB Interface	1 × USB 3.0
Function	
Data Storage	4 × 3.5-inch SATA HDD, 24 TB storage capacity Supports to store, search, play back and upload local-saved pictures.
Upload	Supports transportation data ANR and manual re-uploading.
Network Configuration	Supports cameras and servers of different subnets to save IP address resource.
General	
Power Supply	12 VDC/12.5 A, 150 W
Power Consumption	Max. 70 W
Dimension (W × D × H)	370 mm × 273 mm × 102.5 mm (14.57 inch × 10.75 inch × 4.04 inch)
Working Environment	Working Temperature: -30 °C to 70 °C (- 86 °F to 158 °F) Working Humidity: 10% to 90%

Available Model

Model	Function	Device Deployment
iDS-TSV300-C/12	Supports access to network cameras of 12 channels for picture receiving and secondary recognition.	Front-end Intersection Cabinet

Typical Application



Distributed by



Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

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

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

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

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com