HIKVISION

TS-5012-F Terminal Server

FISHEYE | **HD** **IR** | **DIGITAL WDR** | **3D DNR**

SD

The design of outdoor type, embedded system and fanless structure not only meet the distributed storage needs of front-end, but also make it user-friendly and high integrated along with a fiber access to management center.

TS-5012-F series terminal server is a storage management terminal device designed with high performance embedded system. The main functions include: traffic recording & picture recording**,** hybrid DVR and front-end device management, integrated switch & upload optical port design**,** multi-channel high-definition picture storage simultaneously, real-time video recording etc.

It is widely applied in intelligent monitoring and recording system, intelligent electronic police system, intelligent transportation system and more.

- Integrated IPC（Industrial Personal Computer）, NVR, and switch the three in one device
- Support hybrid access of IPC and analog camera
- Support 4-ch 3.5 "/2.5" SATA hard disk interfaces
- Support a variety of characters OSD and image synthesis mode
- Support 8 build-in 10/100M Ethernet ports, easy access to IP cameras
- Support 2 build-in 1000M Ethernet ports, which can be a 1000M Optical Multiplexing (with optional optical module), and support photoelectric switch
- support HD automatic switching at a storage exception
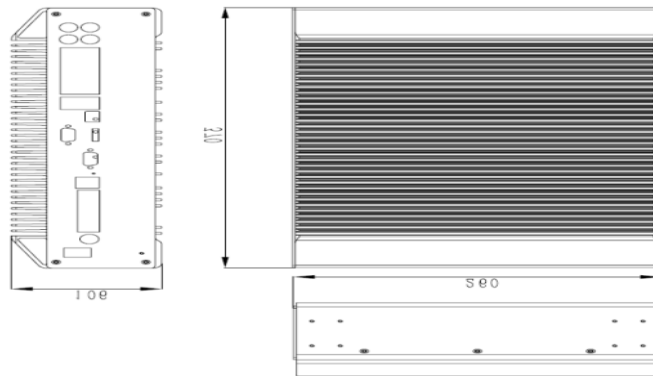- Support one key reset

TS-50 TS-5012-F Terminal Server

Specification

Model	TS-5012-F
Processor	Single high-performance Davinci ™ digital media processor
Operating System	Embedded Linux
UI	WEB
Storage	1 SATA(TS-5012-F (1T)), 2 SATA(TS-5012-F (2T)), 4 SATA(TS-5012-F (4T)) ,8 SATA(TS-5012-F (8T))
External HD	1 external eSATA Interface
RESET Button	1 reset button
indicator light	Power / alarm status / HDD / running status
Interface	
Analog video	4-ch Standard Definition BNC
Network video	Up to 12-ch IPC access(including IPC with abilities of 12 lanes coverage and license plate capture
Audio Input	1
Audio Output	1
Alarm Input	1
Alarm Output	1
RS232	2
RS485	4
USB	2
VGA	1
Network	Built-in 8 independent 100M Ethernet interface and 2 independent 1000M network interface, one of the1000M network interface can be photoelectric conversion (with optional optical module)
Function parameters	
Date Storage	Support traffic information(record & pictures)storage, at least 200million units of vehicles information or 100 million units of traffic regulation breaking information
Video Record	Support video storage (duration determined by hard drive capacity and bitrate of record stream)
Upload	Supports data uploaded to the platform center and video stream forwarding
Network Setting	Support front-end and back-end set with different network segments(saving IP resources)
Day/Night Switch	Auto/Schedule/Alarm Trigger
ROI	Up to 4 fixed areas in each stream
General	
Power Supply	DC12V/5A(TS-5012-F (1T) & TS-5012-F (2T)) DC12V/5A(TS-5012-F (4T) & TS-5012-F (8T))
Dimensions	19-inch standard cabinet(370mm×260mm×106mm)
Operation Conditions	-30 °C – 70 °C Humidity 10%- 95%

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Dimensions

Models Description	
TS-5012-F (1T)	Support traffic record store of 12 lanes, photo storage, video storage, data upload, video stream forwarding, front-end device management and 1TB*1 HD storge
TS-5012-F (2T)	Support traffic record store of 12 lanes, photo storage, video storage, data upload, video stream forwarding, front-end device management and 2TB*1 HD storge
TS-5012-F (4T)	Support traffic record store of 12 lanes, photo storage, video storage, data upload, video stream forwarding, front-end device management and 2TB*2 HD storge
TS-5012-F (8T)	Support traffic record store of 12 lanes, photo storage, video storage, data upload, video stream forwarding, front-end device management and 2TB*4HD storge

Accessories

Modes	Function	Number	Remark
SFP Optical Model	LC connector, Transmission distance 10KM(single-mode single fiber),Frequency 1.25G (two-way), Wavelength TX1310nm / RX1550nm	1	For host
SFP Optical Model	LC connector, Transmission distance 10KM(single-mode single fiber), Frequency 1.25G(two-way), Wavelength TX1550nm / RX1310nm	1	For Hub