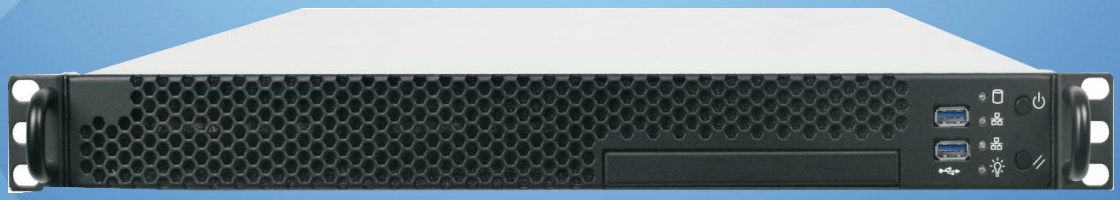
All-in-One Management Server



TD-A510-MTSC-E

Based on the conception of "All-in-One", TD-A510-MTSC-E is a management server specially designed for security surveillance application. Its software is installed before delivery, combined the video stream replication and distribution. Due to its low cost, simple deployment, flexible expansion, powerful performance, user-friendly interface design, good compatibility and high reliability, it can meet the requirements of various large and medium sized video surveillance systems. It can be widely used in the industries of retails, education, banking, chain stores, buildings, health care and so on.

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TD-A510-MTSC-E Management Server

Features

- High-performance X86 hardware platform, stable and reliable
- Preset software before delivery; All-in-One simple deployment
- Supports the device access of TVT and other famous manufacturers in the industry
- Supports ONVIF protocol
- Supports device auto-report
- Supports adding devices through IP address, IP address
- segment, URL, domain name and serial number
- Automatically search devices and quickly adding devices
- Supports standard, widescreen and customized screen display modes
- Supports instant playback and alarm preview
- Supports corridor mode
- Supports fisheye mode
- Supports PTZ direction control and focus control; supports setting and calling preset and cruise
- Supports voice monitoring, two-way talk and broadcast
- Supports record search, playback and downloading from
- device and control center
- Supports record search and playback by time, channel, event and tag
- Supports time-slice playback
- Supports record clip and backup; Support backup by time and event
- Supports video search, playback and downloading from SD card of the IPC
- Supports multi-level images and online E-map
- Supports TV wall management, including splicing, PIP, roaming and triggering video on TV wall
- Supports auto-switch plan and camera group on TV wall
- Supports various alarm types and alarm linkages
- Supports multi-level, multi-area and multi-user permission management
- Supports log management, including notices and alarms device's online and offline status
- Supports overload protection of the client
- SDK/OCX available for client's secondary development
- Supports DB31/T 889-2015 and Db33/T 629-2011 protocols
- Supports RTMP/HLS/RTSP/HTTP-FLV protocol
- Supports alarm host, access control system/ attendance system, as well as one-button alarm system access
- Supports Android mobile APP
- Supports mounting 2 HDDs for recording storage (The HDDs must be formatted before recording)

*All pictures and specifications are for reference only and are subject to change without prior notice

TD-A510-MTSC-E Management Server

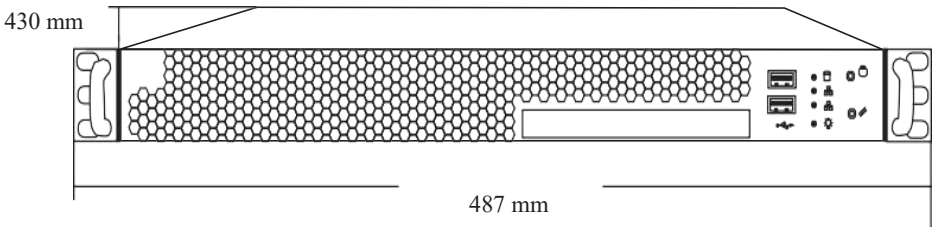
Specifications

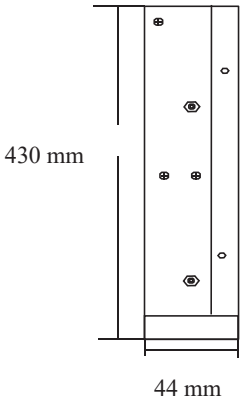
Model	TD-A510-MTSC-E
CPU	Intel Core Processor E-2200
OS	Linux
Memory	8GB DDR4 ECC
Network Card	Dual gigabit portsI350-T2 + InteI210-AT dual gigabit Ethernet ports
HDD	1 built-in 128G SSD; 2 built-in 3.5 inch 8T HDD slots
PCI Expansion	1*PCI-E3.0*8； 1*PCI-E3.0*8（X4）； 1*PCI-E3.0*16（X8）
Interface	VGA ×1, HDMI ×1, USB3.1 × 6, network interface ×4; DP port× 1, audio input ×1; audio output ×1
Device Access	IPC, DVR, NVR, Decoder, etc.
Decoding Capability	8CH 8MP or 12CH 5MP or 16CH 4MP or 28CH 1080P or 36 CH 720P or 36 CH D1 (or lower)
Max. Number of Channel Access	2048 CH(extensible to 20000CH via the transfer server)
Max. Number of Device Access	500 devices (extensible to 20000CH after it is authorized)
Max. Number of Channel Access of Single Transfer Service	2048CH
Max. Number of Device Access of Single Transfer Service	300NVRs or 500IPCs
Max. Decoding Output Number	128CH
Max. Number of Transfer Server Access	32
Max. Number of Storage Server Access	32
Max. Number of Channel Access of Third-party protocol	16(extensible to 20000CH after it is authorized)
Max. Number of Device Access of Third-party protocol	4(extensible to 20000CH after it is authorized)
Max. Channel Number of Simultaneous Preview	256 (for one client/user)
Max. Channel Number of Simultaneous Playback	16 (for one client/user)
Max. Number of Views	Up to 64 view plans can be created
Max. User Access	Max. 64 users (extensible to 1024 users access after it is authorized)
Max. Online Users	64 users preview simultaneously
Vehicle Database	A maximum of 10,000 license plates can be registered
User Permission	Self-define
Real-time View	Up to 36CH real-time local preview; support channel group/view plan auto-switch
PTZ	Support PTZ protocol, PTZ permission, PTZ lock, PTZ preset management
Storage Type	IP SAN/streaming media storage
Record Type	Schedule, manual and alarm records
Record Search	Multi-channel synchronous search and playback
Incoming Bandwidth	640Mbps
Outgoing Bandwidth	640Mbps
Power	100~240V-6~3A/50~60Hz
Power Consumption	≤300（with HDD）
Working Environment	Working: 10°C ~ 35°C ; Standby: –40°C ~+70°C (ambient)
Relative Humidity	Standby: 95%， 25° C ~ 30° C (non-condensing)
Noise	Working: <50dBA; 6.2BA (<28°C)
Dimensions	430 x 487 x 44 (W x D x H)
Gross Weight	Approx. 12KG
Installation	Standard 19 inch rack mount

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TD-A510-MTSC-E Management Server

Dimensions





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