All-in-One Management Server

TD-A510-MTSC-E

CE FC

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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For more information, please visit our website

Features

- High-performance X86 hardware platform, stable and reliable
- Preset software before delivery; All-in-One simple deployment
- Support the device access of TVT and other famous manufacturers in the industry
- Support ONVIF protocol
- Support device auto-report
- Support adding devices through IP address, IP address segment, domain name and serial number
- Automatically search devices and quickly adding devices
- Support standard, widescreen and customized screen display modes
- Support instant playback and alarm preview
- Support corridor mode
- Support fisheye mode
- Support PTZ direction control and focus control; support setting and calling preset and cruise
- Support voice montoring, two-way talk and broadcast
- Support record search, playback and downloading from device and control center
- Support record search and playback by time, channel, event and tag
- Support time-slice playback

- Support record clip and backup; Support backup by time and event
- Support video search, playback and downloading from SD card of the IPC
- Support multi-level images and online E-map
- Support TV wall management, including splicing, PIP, roaming and triggering video on TV wall
- Support auto-switch plan and camera group on TV wall
- Support various alarm types and alarm linkages
- Support multi-level, multi-area and multi-user permission management
- Support log management, including notices and alarms device's online and offline status
- Support overload protection of the client
- SDK/OCX available for client's secondary development
- Support GB/T 28181-2011, DB31/T 889-2015 and Db33/T 629-2011 protocols
- Support alarm host, access control system/ attendance system, dynamic environment surveillance system as well as one-button alarm system access
- Support Android/iOS mobile APP

Specifications

CPU	Intel Xeon Processor E3
OS	Linux
Memory	8GB DDR4 ECC，up to 64GB
Network Card	Dual gigabit portsI350-T2 + Intel210-AT dual gigabit Ethernet ports
HDD	1 built-in Kingston SSD/120G/SATA/6Gb/s/2.5inch; 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）
Interfaces	VGA ×1, HDMI ×1, USB × 6（front panel: USB2.0x2，real panel USB3.0x4), network interface ×4; DVI × 1, remote management port × 1; audio input ×2; audio output ×2
Max. Number of Camera Access	30000 CH
Max. Number of NVR Access	1024 NVR
Max. Decoding Capability	256 CH

Specifications

Max. Number of Transfer Server Access	32 transfer servers
Device Group	Yes
Max. Number of Users	256 users
Simultaneous Online Users	256 users
User Permission	Self-define
Real-time View	Up to 100 CH real-time preview; support auto switch
PTZ	Support PTZ control, 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
IncomingBandwidth	880Mbps
Outgoing Bandwidth	880Mbps (Live View & Transfer)
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)
Gross Weight	Approx. 12KG
Dimensions(mm)	430 x 487 x 44 (W x D x H)
Installation	Standard 19 inch rack mount

Dimensions

430 mm

487 mm

430 mm

44 mm