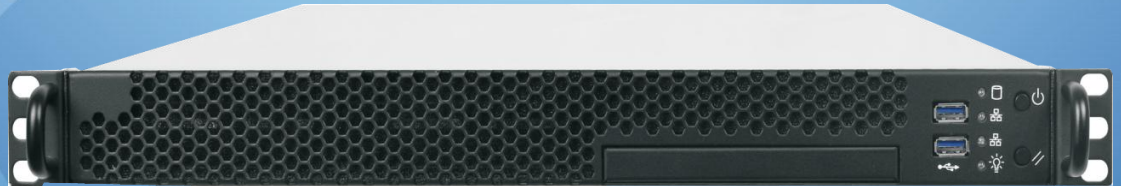


## All-in-One Management Server



# TD-A510-MTC-E

Based on the conception of “All-in-One”, TD-A510-MTC-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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## 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 alarm system access
- Supports Android mobile APP

## Specifications

| Model                                                    | TD-A510-MTC-E                                                                                 |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| CPU                                                      | Intel Core Processor E-2200                                                                   |
| OS                                                       | Linux                                                                                         |
| Memory                                                   | 8GB DDR4 ECC                                                                                  |
| Network Card                                             | Dual gigabit ports I350-T2 + Intel I210-AT dual gigabit Ethernet ports                        |
| HDD                                                      | 1 built-in 128G SSD                                                                           |
| 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  | 300DVRs/NVRs 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℃ ~ 35℃; Standby: -40℃ ~ +70℃ (ambient)                                            |
| Relative Humidity                                        | Standby: 95%, 25℃ ~ 30℃ (non-condensing)                                                      |
| Noise                                                    | Working: <50dBA; 6.2BA (<28℃)                                                                 |
| Dimensions                                               | 430 x 487 x 44 (W x D x H)                                                                    |
| Gross Weight                                             | Approx. 12KG                                                                                  |
| Installation                                             | Standard 19 inch rack mount                                                                   |

## Dimensions

