# VMS Station



# TD-A702E1-A0

Based on the conception of “All-in-One”, A702E1-A0 is a VMS station specially designed and developed for security surveillance application. Its software is installed before delivery and combines management, video preview and intelligent applications. Due to its low cost, simple deployment, flexible expansion, powerful performance and high reliability, it can meet the requirements of the medium and small-sized security systems.

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## Features

- High-performance hardware platform, stable and reliable
- Embedded Linux operating system; All-in-One simple deployment
- Supports 2 SATA interfaces
- Supports the device access of TVT
- Supports ONVIF protocol
- Supports standard, widescreen and customized screen display modes
- Supports 1CH instant playback and main output alarm preview
- Supports device and storage server record search, playback and download
- Supports record search and playback by time, channel, event and tag
- Supports record clip and backup; Support backup by time and event
- Supports human/vehicle monitoring deployment and visitor management
- Supports corridor pattern
- Supports 1CH fisheye camera access
- Supports PTZ control, preset and cruise settings and calling
- Supports voice monitoring, two-way talk and broadcast
- Supports picture map
- Supports various alarm types and linkages
- Supports multi-level, multi-area and multi-user permission management
- Supports SDK development package for customized integration application
- Supports Android mobile APP management


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

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## Specifications

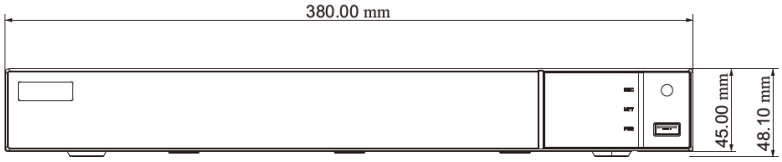
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|---|---|---|
| **System** | Operation System | Linux |
| | Memory | LPDDR4 8G, 64GB EMMC |
| **Video &Audio** | Video Output | VGA×1: 1920*1080 (VGA and HDMI output the same video source) |
| | | HDMI1: 3840×2160@60, 3840×2160@30, 1920×1080<br>HDMI2: 3840×2160@60, 1920×1080 |
| | Video Compression | H.264/H.265/H.265+/H.265S |
| | Audio Output | 1CH audio output (MONO Out) |
| | | Support HDMI1 audio output |
| | Audio Compression | G.711(U/A) |
| **Live View** | Max. number of preview | 72（36+36） |
| | Max. Resolution | 16MP |
| | Decoding Capability | 1 ×16MP or 4 ×12MP or 6 ×8MP (only available for main output) |
| **Playback** | Simultaneous Playback | 16CH |
| | Max. Resolution | 16MP |
| | Decoding Capability | 1 ×16MP or 4 ×12MP or 6 ×8MP (only available for main output) |
| **Performance** | Users | 64 online users and 64 total users |
| | Max. Number of Channel Access | 512CH |
| | Max. Number of Device Access | 256 devices |
| | Max. Number of Transfer Server Access | 1 |
| | Max. Number of Storage Server Access | 1 |
| | Max. Channel Number of Recording per Storage Server | 32 |
| | Max. Number of Channel Access of Third-party protocol | 512 |
| | Max. Number of Device Access of Third-party protocol | 256 |
| | 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. Number of Channel Access of Single Transfer Service | 512 |
| | Max. Number of Device Access of Single Transfer Service | 256 |
| | Incoming Bandwidth | 512Mbps |
| | Outgoing Bandwidth | 256Mbps |
| | Storage Bandwidth | 256Mbps |
| | Face Database | A maximum of 20,000 face pictures can be registered<br>Comparison Capability: 30 pictures/second |
| | Vehicle Database | A maximum of 10,000 license plates can be registered |

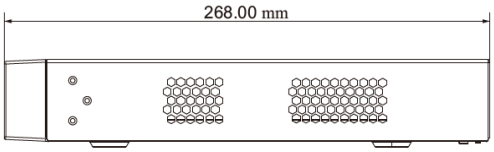

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|---|---|---|
| | | Comparison Capability: 25 pictures/second |
| | Fisheye Camera Access | Support 1CH fisheye camera to set fisheye mode |
| **External Interfaces** | Ethernet Interface | 2 RJ45 10M/100M/1000M self-adaptive Ethernet ports |
| | Storage | SATA3.0 x2，up to 10TB per HDD |
| | Alarm | 4CH alarm input; 4CH alarm output |
| | USB | USB3.0 ×1 ， USB 2.0 ×2 |
| | USB Console Interface | 1 |
| **Others** | Power | DC12V4A |
| | Power Consumption | 48W |
| | Working Temperature | –10 ℃ - +50 ℃ |
| | Relative Humidity | 10% ~ 90% |
| | Dimensions | 380 ×268×45mm |
| | Environmental Protection | Directive EU RoHS， WEEE(2012/19/EU) , Directive 94/62/EC and REACH(EC1907/2006) |

## Dimensions

Unit: mm





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