VMS Station



TD-A700E1-A0

Based on the conception of “All-in-One”, A700E1-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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TD-A700E1-A0 VMS Station

Features

- High-performance hardware platform, stable and reliable
- Embedded Linux operating system; All-in-One simple deployment
- Supports 1 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

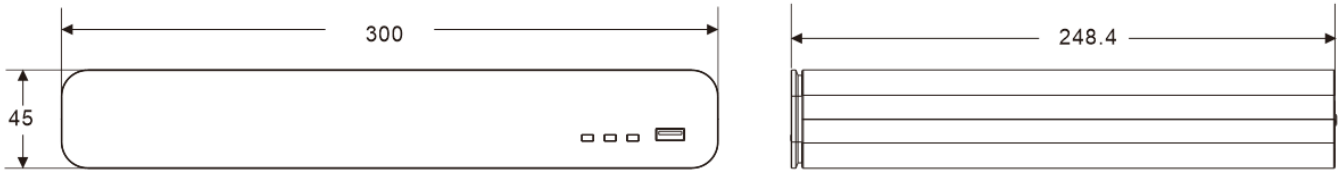
System	Operation System	Linux
	Memory	LPDDR4 8G, 64GB EMMC
Video &Audio	Video Output	HDMI1: 3840×2160@60, 3840×2160@30, 1920×1080 HDMI2: 3840×2160@60, 1920×1080
	Video Compression	H.264/H.265/H.265+/H.265S
	Audio Output	1CH audio output
		Support HDMI1 audio output
	Audio Compression	G.711(U/A)
Live View	Max. number of preview	72（36+36）
	Max. Resolution	16MP
	Decoding Capability	1 ×16MP or 4 ×8MP or 9 ×4MP (only available for main output)
Playback	Simultaneous Playback	16CH
	Max. Resolution	16MP
	Decoding Capability	1 ×16MP or 4 × 8MP or 9 × 4MP (only available for main output)
Performance	Users	6 online users and 64 total users
	Max. Number of Channel Access	256CH
	Max. Number of Device Access	64 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	256
	Max. Number of Device Access of Third-party protocol	64
	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	256
	Max. Number of Device Access of Single Transfer Service	64
	Incoming Bandwidth	512Mbps
	Outgoing Bandwidth	128Mbps
	Storage Bandwidth	256Mbps
	Face Database	A maximum of 10,000 face pictures can be registered Comparison Capability: 30 pictures/second
	Vehicle Database	A maximum of 10,000 license plates can be registered Comparison Capability: 25 pictures/second

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	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	SATA3.0×1，up to 10TB per HDD You can select Business and Storage Sharing (Recommended) or Business Data Use. ⚠ Business and Storage Sharing: Business data (alarm logs, status logs, intelligent service data) and video recording data are allocated at a 1:1 ratio. Ratio configuration cannot be customized. ⚠ Business Data Use: The entire HDD is used exclusively for business data (alarm logs, status logs, intelligent service data), and it doesn't store video recording data.
	Alarm	/
	USB	USB3.0 ×1, USB 2.0 × 2
	USB Console Interface	1
Others	Power	DC12V3A
	Power Consumption	< 36W
	Working Temperature	–10°C - +50°C
	Relative Humidity	10% ~ 90%
	Dimensions	300 × 248.4× 45mm
	Environmental Protection	Directive EU RoHS, WEEE (2012/19/EU), and REACH(EC1907/2006)

Dimensions

Unit: mm



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