VMS Station



TD-A708M1-A0

Based on the conception of “All-in-One”, A708M1-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 ARM hardware platform, stable and reliable
- Embedded Linux operating system; All-in-One simple deployment
- Supports 8 SATA interfaces and RAID0,1,5,6,10
- 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 TV wall management, including splicing, PIP, roaming and triggering video on TV wall
- Supports human/vehicle monitoring deployment, visitor management and customer flow statistics
- 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

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Specifications

System	CPU	ARM 8-core 64-bit AI processor
	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 HDMI2: 3840×2160@60, 3840×2160@30, 1920×1080 HDMI3: 3840×2160@60, 3840×2160@30, 1920×1080 HDMI4: 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	104(36+36+16+16)
	Max. Resolution	16MP
	Decoding Capability	1 ×16MP or 4 ×12MP or 6 ×8MP (only available for main output)
Playback	Simultaneous Playback	16CH
	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	1000CH
	Max. Number of Device Access	256 devices
	Max. Number of Decoding Output	64
	Max. Number of Transfer Server Access	1
	Max. Number of Storage Server Access	1
	Max. Channel Number of Recording per Storage Server	128
	Max. Number of Channel Access of Third-party protocol	1000
	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	1000
	Max. Number of Device Access of Single Transfer Service	256
	Incoming Bandwidth	768Mbps
	Outgoing Bandwidth	256Mbps
	Storage Bandwidth	512Mbps

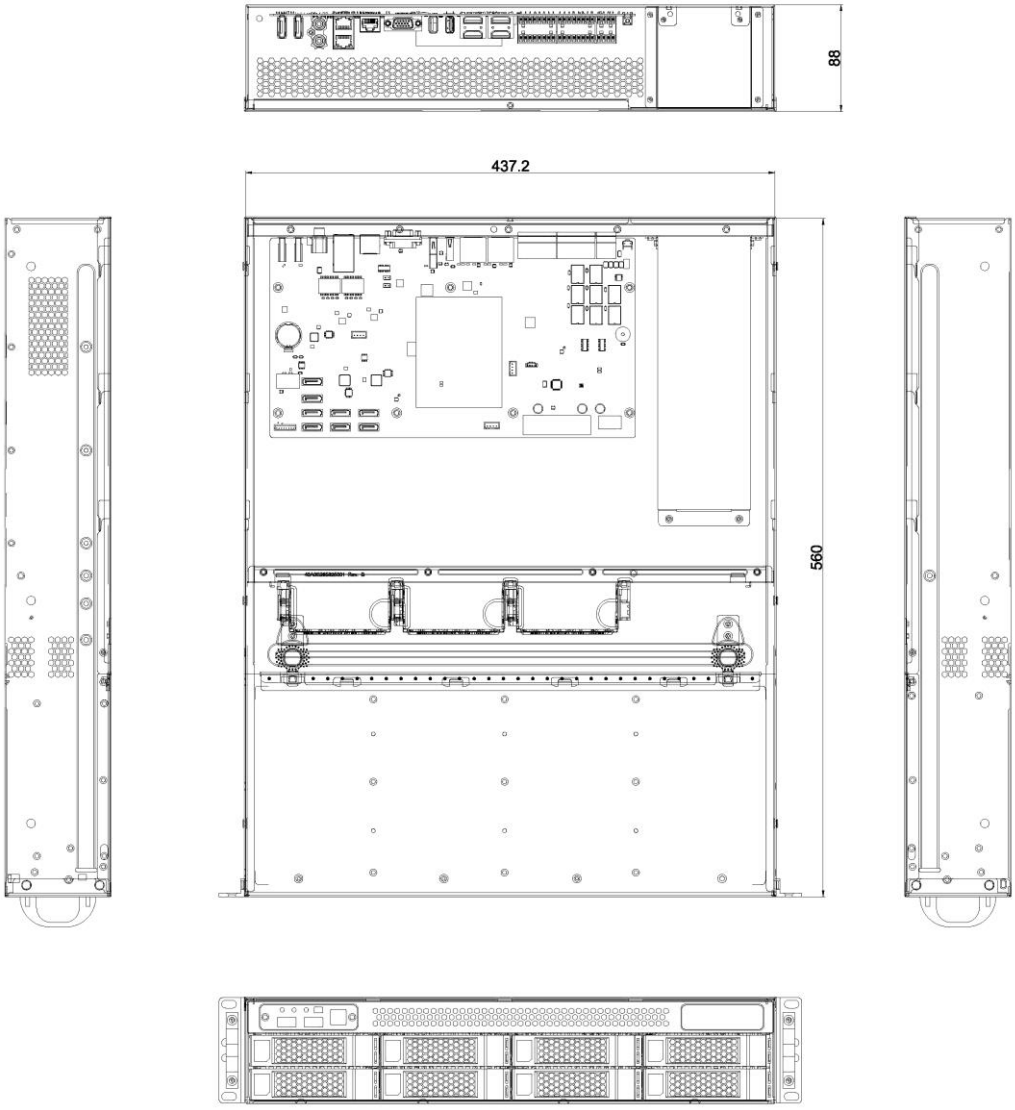
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	Face Database	A maximum of 50,000 face pictures can be registered Comparison Capability: 30 pictures/second
	Vehicle Database	A maximum of 10,000 license plates can be registered Comparison Capability: 25 pictures/second
	Fisheye Camera Access	Support 1CH fisheye camera to set fisheye mode
	Number of TV Wall	Max. 16 TV walls can be created
	TV Wall Plan per TV Wall	Max. 64 plans can be set for each TV wall
External Interfaces	Ethernet Interface	2 RJ45 10M/100M/1000M self-adaptive Ethernet ports
	Storage	SATA3.0 × 8, up to 10TB per HDD; Supports RAID0, 1, 5, 6 ,10 Disk Mode: One of the HDDs can be selected for Business Use (Recommended), and the remaining HDDs are for Storage Use. RAID mode: HDDs cannot be configured for Business Use. Business data (alarm logs, status logs, intelligent service data) cannot be stored. ⚠ 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. ⚠ Storage Use: The entire HDD is used to store video recording data, and it doesn't store no business data (alarm logs, status logs, intelligent service data).
	E-SATA Interface	E-SATA × 2 (currently no function)
	Alarm	16CH alarm input; 8CH alarm output
	USB	USB3.0 ×1, USB 2.0 × 3
	RS485	Full-duplex (currently no function)
	RS232	Currently no function
Others	Power	Redundant power supply, AC100V ~ 240V
	Power Consumption	≤50 W (without HDD)
	Working Temperature	–10°C - +50°C
	Relative Humidity	10% ~ 90%
	Dimensions	560 × 437.2 × 88mm
	Environmental Protection	Directive EU RoHS, WEEE (2012/19/EU), and REACH(EC1907/2006)

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Dimensions

Unit: mm



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