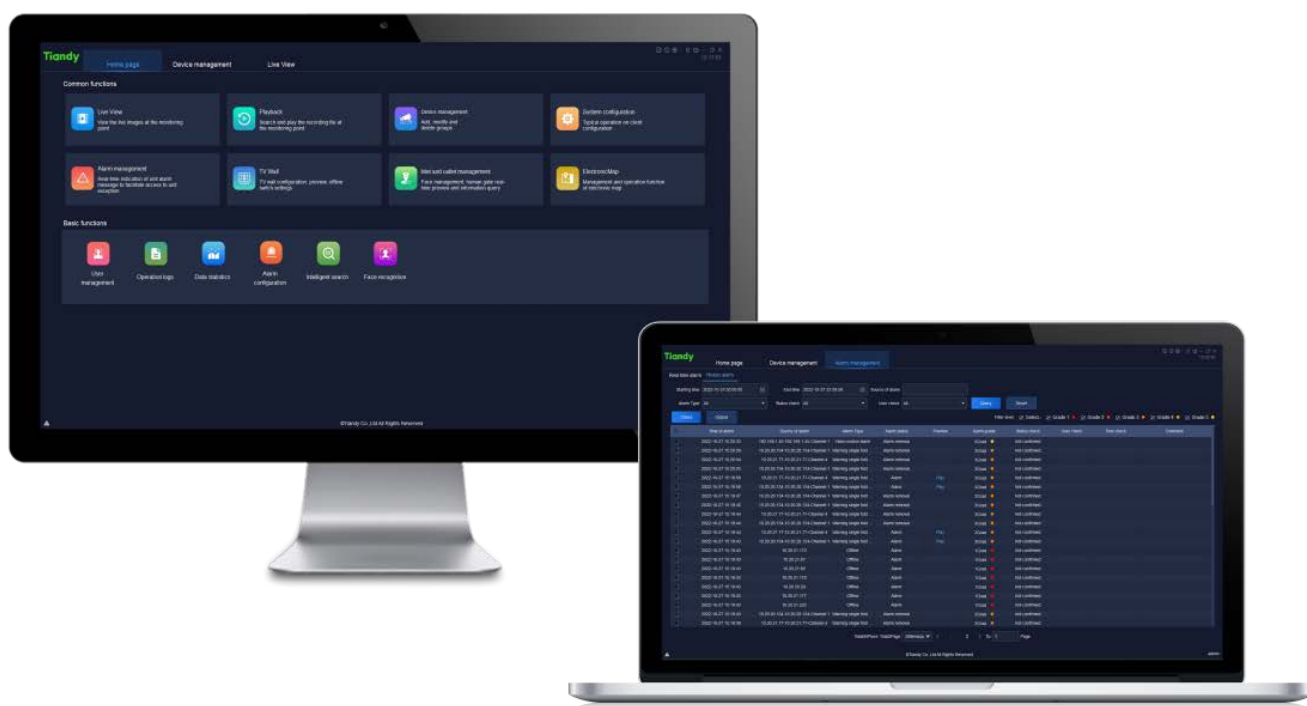# Tiandy

Version: V8.15.0

Easy7 VMS

OVERVIEW

Easy 7 VMS is an independent video management software based for MacOS (10.13.6 and above) and Windows (64bits) Operation system for Tiandy IPC, PTZ, NVR, decoder etc. Maximum 200 IP devices or 512 channels can be connected in Easy7 VMS. It supports functions like preview, playback, alarm, two-way audio, PTZ control etc. Easy7 VMS provides multiple solutions like people counting solution, face recognition solution for small and medium scenarios with friendly using experience and intuitive data report.

Tiandy

KEY FEATURES

New UI interfaces

Supports Windows 7/10/11 (64-bit) and MacOS (10.13.6 and above)

Device Management
· Support LAN device search and add

· Support batch device adding and management

· Support account device synchronisation within the app

Preview
· Supports 1/4/9/16/36/64/132/Panorama

· Supports cruising and cruising list

· Supports displaying face capture picture with face information

· Supports displaying face comparison result with face information

Playback
· Supports fast/slow forward, step forward

· Supports 1/4 window division mode

· Supports one-key to capture all channels

Alarm Management
· Supports a comprehensive display of alarm trends over a 2-week period

· Display real-time alarm data, you can view the details and process them one by one.

· Support querying historical alarm records, alarm details can be easily viewed alarm pictures and videos.

TV Wall
· Support the configuration of the decoder, decoding on the wall
· Compatible with LED/LCD mode, support decoding on the wall of common operations
· Support decoding window polling switch

Vehicle Management
· Configurable management area, set the name of the area, the number of entrances and exits, duty personnel, licence plate library configuration and other basic information

· Configurable regional entrances and exits, and set up black and white lists, watch the video of entrances and exits at any time and register for release

· Support query history and stranded vehicle information query
· Vehicles out of the intuitive view of the access and stay time

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Access Management

· Support the addition of access control equipment, support for the Division's single-door, two-door, four-door access control, face pad products, can be configured to manage the equipment parameters

· Support the establishment of access control rights group, personnel binding (can be managed by department), and downlink personnel information to the access control equipment

· Support the configuration of access control controllers, you can set the door parameters, show access control event records

· Comprehensive display of the current state of the configured access control, real-time display of personnel card information

SPECIFICATIONS

Easy7 VMS	
Supported Devices	IPC, NVR, PTZ etc.
Max Connected Devices	200 IP devices or 512 channels 64 channels Onvif included
System Framework	1. Switch between Chinese and English for installation
	2. Common functions and basic functions
	3. Drag to add new function icon or remove it
	4. Drag to change function icon order
Login	1. Create password when first start the software
	2. Support forgot password by protection questions
	3. Auto login, remember password
	4. Support switching languages in login interface
User Management	1. Add/delete/edit user and configure user authority
	2. Set period of validity
Device Management	1. Auto search devices within same LAN, supports batch and one-key addition
	2. Support manual addition by IP, DDNS, EasyDDNS, P2P
	3. Support group management
	4. Support acquiring device channel name or sync channel name to devices
	5. Support jumping to device IE interfaces in default browser
	6. Support export and import of device and group organization list
Preview	1. Support device list and device online status
	2. Support one-key to connect/disconnect all channels
	3. Support 1/4/9/16/36/64/132/Panorama
	4. Support to enable/disable audio and two-way audio
	5. Support capture and one-key to capture all channels
	6. Support to switch main and sub stream, set video parameters
	7. Support record and one-key to record all channels
	8. Support PTZ control, focus, aperture, preset, light/wiper control
	9. Support saving view, view rotating and group switch
	10. Support face capture and display body temperature info during preview
	11. Support face recognition and display comparison result

Playback	1. Support device list and device online status
	2. Playback control, play/pause/fast forward/slow forward/step forward
	3. Support 1/4 window division mode
	4. Time line supports zoom in/out
	5. Support capture and one-key to capture all channels
	6. Support to enable/disable audio
	7. Search video by calendar, date, storage location, stream type, etc.
	8. Download video clip by file or by time
Operation Logs	1. Query operation logs by time, type, user, etc.
	2. Export log information
Intelligent Search	1. Retrieve face pictures by time, gender, age, mask, glasses, body temperature
	2. Result can be displayed in list or figure
	3. Check detailed picture or video
	4. Export data
Data Statistics	
Face Statistics	Show face data statistics in list or graphics according to different filter
Visitor Flow Statistic	1. Manage up to 16 people counting camera in one zone and set configuration of people counting rule
	2. Preview of people counting camera
	3. Display peak number, current number and line chart in real time
	4. Support to set time duration of people counting, people capacity alarm, rapidly increased number alarm and number of people stay
	5. Show reported statistic in list or graphics according to different filter
System Configuration	
Common Settings	1. Set capture and download file path
	2. Automatic login
	3. Data backup/recover/clear up/re index (re index face capture and record)
	4. Change language and software skin
	5. 19 languages including CN、EN、Russian、Korean、Thai、Vietnamese、French、Italian、Arabic、TradCHS、Turkish、Spanish、Polish、Hebrew、Dutch、Czech、Slovak、Portuguese、Albanian、Japanese are supported
	6. Set save time of log and alarm log
Video	1. Set stream switch by automatically or manually
	2. Set play strategy, good fluency or minimum delay
	3. Hardware decoding available for Windows version
	4. Set download format, SDV and MP4 are supported
Alarm Grade	Set alarm grade
Storage Management	1. Set recoding package time, format, stream type
	2. Set space strategy, storage location
Intelligent Application	1. Enable intelligent application to receive face capture pictures and face recognition results
	2. Set face picture save duration by day
	3. Check deletion strategy to set visitor flow statistic save duration by month
P2P Setting	Set P2P server region
Vehicle management	
Basic function	1. Support batch import of license plates (10000 at a time), with the ability to export all at once;Support the definition of detention duration
	2. Support viewing the number of stranded vehicles based on their duration of stay
	3. Up to 10 libraries, with 10000 license plates per library (stored in LPR cameras)
	4. Each camera can push up to 3 photos at a time
In the same area	1. Support 32 regions
	2. Supports 4 exits and entrances respectively
	3. Each exit and entrance can add 1 checkpoint camera (such as LPR camera), and 1 regular camera (optional)

Performance (Main stream default 1080P;Sub stream default 720P)				
Spec		Live View	Main stream (ch)	Sub stream (ch)
i5-6500 @3.20GHz		H.264	18	32
8G		H.265	15	27
Intel HD Graphics 530	Windows 10	H.265（GPU)	22	33

Spec	Mode	Live View	Main stream (ch)	Sub stream (ch)
i7-12700 @2.10GHz	CPU Mode	H.264	33	68
16G		H.265	33	62
RTX 4070	GPU Mode	H.264	50	96
Windows 11(64)		H.265	56	112

Spec	Live View	Main stream (ch)
Apple M1 8G	1080P/H.265	56
AMD Ryzen 5 3600 8G	1080P/H.265	18
i5-9500 @3.00GHz 16G	1080P/H.265	22

Connection Performance		
Device Type	Network	Channels Number
Tiandy Devices	LAN	512
Tiandy P2P Devices	WAN	512

RECOMMENDED SYSTEM REQUIREMENT

OS	Windows 7/10/11 (64-bit) 、 MacOS (10.13.6 and above)
CPU	i5-8Generation
Memory	8G
HDD	512G
Network Card	100/1000M Self Adaptive
GPU	GTX1050 4G
Display	1920*1080