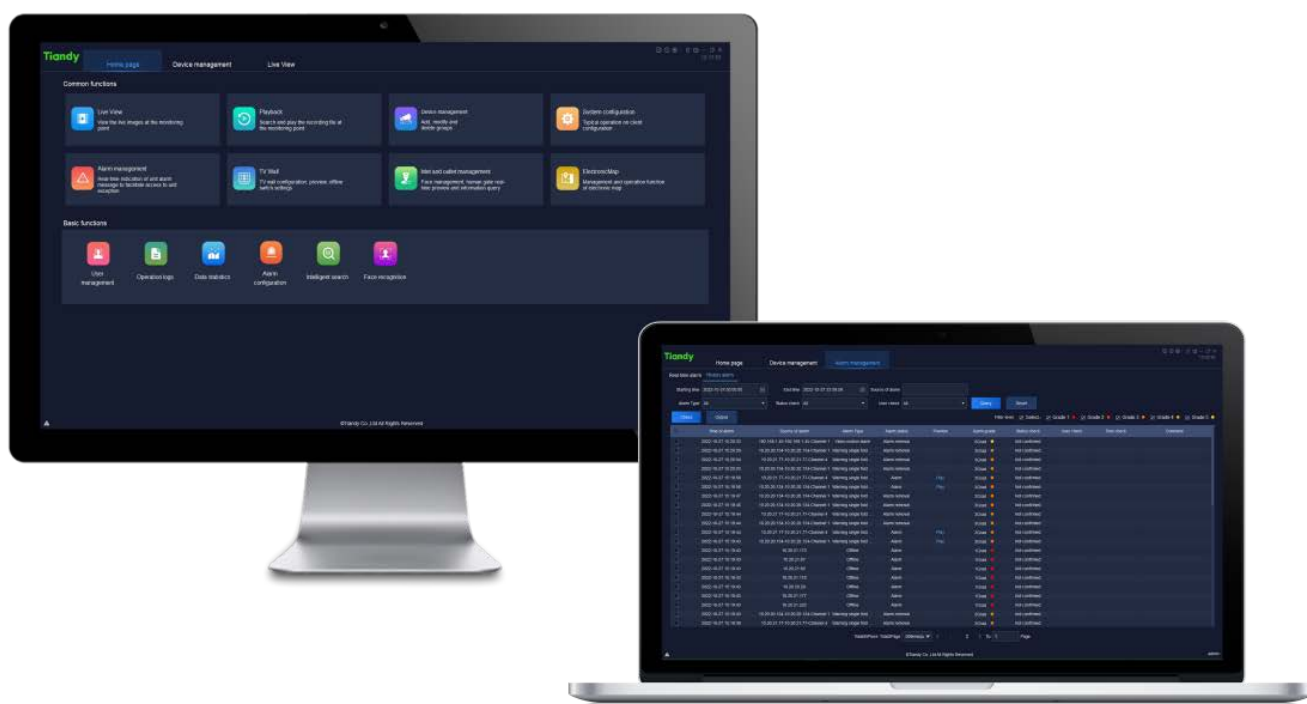# Tiandy

Version: V8.12.0

Easy7 VMS

OVERVIEW

Easy 7 VMS is an independent video management software based for macOS (64bits) 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.

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KEY FEATURES

New UI interfaces

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

Device management
· Search online devices and modify net information
· Supports thermal bullet camera to detect body temperature

Intelligent Search
· Search face pictures by filters like gender, age, wearing mask or not, wearing glasses or not or unacceptable body
  temperature

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

System Setting
· Supports data backup, recover, clear up and reindex
· Supports 19 languages including CN、 EN、 Russian、 Korean、 Thai、 Vietnamese、 French、 Italian、 Arabic、
  TradCHS、Turkish、Spanish、Polish、Hebrew、Dutch、Czech、Slovak、Portuguese、Albanian、Japanese
· Dark/light skins available
· Drag alarm type to set alarm grade
· Supports setting duration of face picture storage

Alarm
· Add new real-time alarm column, easy to check alarm message
· Supports history alarm search and export

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Statistics

· Supports face statistics in list or graphics

· Supports managing up to 16 people counting cameras in one zone and displaying real-time statistics

· Supports people counting statistics in list or graphics

P2P Function

· Add device via P2P

· Live view with audio and remote playback through P2P

· Switch P2P server region

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

Alarm

Real Time Alarm	1. Real time alarm in Alarm Management, quick to play alarm video or real time video
	2. Support alarm filter by alarm grade
	3. Operator can handle and input comment to real time alarm
	4. Turn on/off alarm audio of software
History Alarm	1. Query history alarm by time, source, status, user
	2. Support alarm filter by alarm grade
	3. Operator can handle and input comment to history alarm

Performance (Main stream default 1080P;Sub stream default 720P)				
Spec		Live View	Main stream (ch)	Sub stream (ch)
i5-6500 @3.20GHz		H.264	19	25
8G	Windows 10	H.265	16	24
Intel HD Graphics 530		H.265 (GPU)	25	32

Spec	Mode	Live View	Main stream (ch)	Sub stream (ch)
i5-9500 @3.00GHz	CPU Mode	H.264	36	77
16G		H.265	17	30
Intel HD Graphics 630	GPU Mode	H.264	57	90
Windows 10		H.265	36	84

Spec	Live View	Main stream (ch)
Apple M1	1080P/H.265	54
AMD Ryzen 5 3600	1080P/H.265	20
i7-12700 @2.10GHz	1080P/H.265	27

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