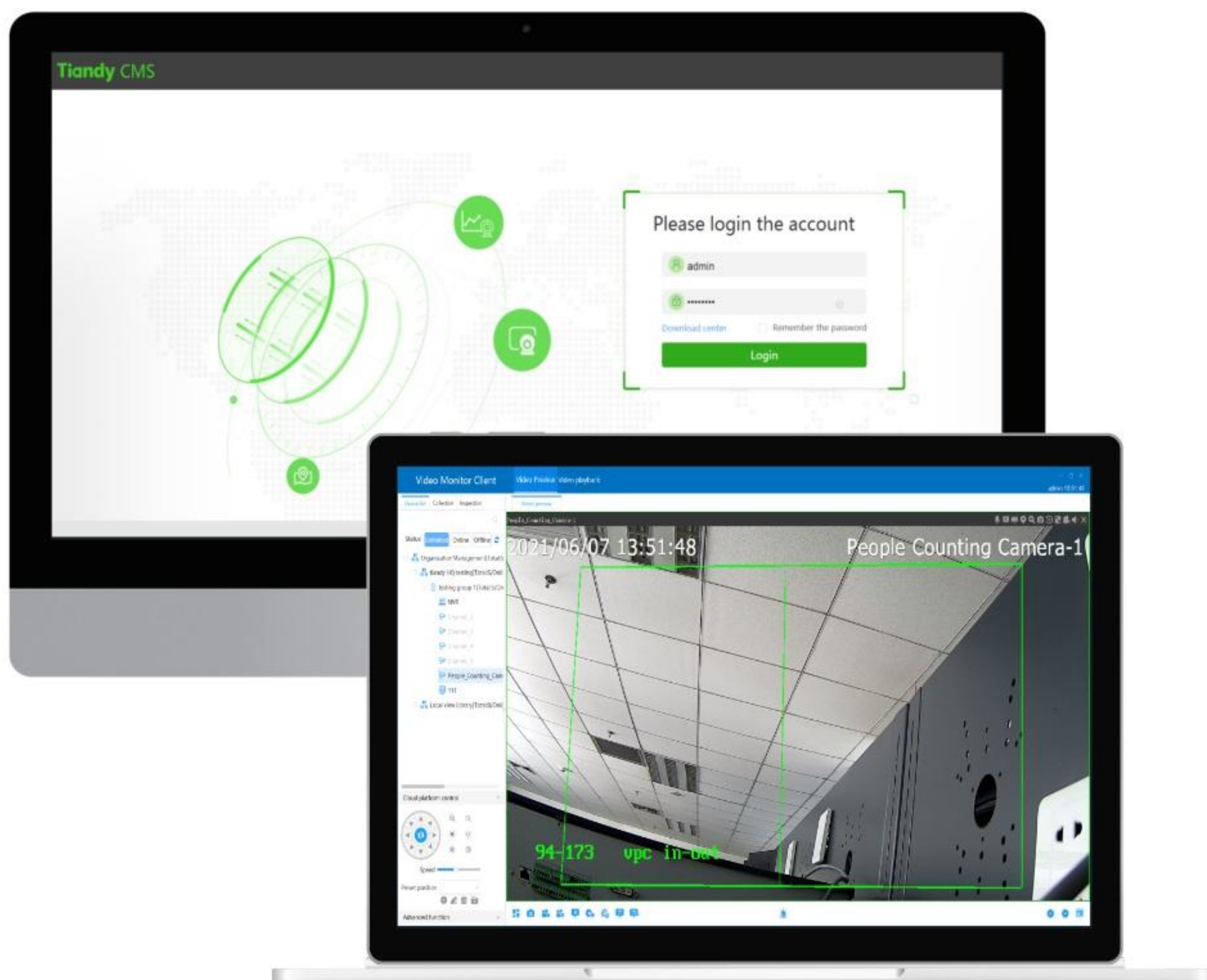


Tiandy



Easy7 CMS

Easy7 Integrated Management Platform



OVERVIEW

This system is developed for more convenient and faster use of video surveillance equipment. The web client can be used to operate, use and uniformly manage equipment. It is capable of adding devices for management, live view, storage and playback of video files, alarm linkage, and so on.



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KEY FEATURES

Key Features	
VMS server	<p>Provides centralized management for users, roles, permissions, surveillance devices, and servers</p> <p>Provides log management</p> <p>Scalable for medium and large-sized projects</p> <p>Streaming gateway: a VSM component that forwards and distributes audio and video data as well as forwards signaling</p>
Streaming server	<p>Forwards and distributes audio and video data</p>
Client	<p>Access the CMS service via IP address</p> <p>License management</p> <ul style="list-style-type: none"> • USB key activation <p>Supports standard ONVIF™ protocol</p> <p>Encoding device management</p> <ul style="list-style-type: none"> • Multiple devices can be added: network cameras, network speed domes, video encoders, NVRs, etc. • Multi adding modes for encoding devices available: <ul style="list-style-type: none"> • By detecting the online devices in the same subnet with the CMS server or current PC • By specifying the device IP address • By importing in a batch <p>Restore or reset passwords for detected online device</p> <p>Recording Server manageable</p> <ul style="list-style-type: none"> • Add Central Storage Server as a Recording Server • Add Central Storage Server by IP address • Provides WAN access • Provides searching the video files stored in Central Storage Server <p>Streaming Server manageable</p> <ul style="list-style-type: none"> • Add Streaming Server by IP address • Provides WAN and LAN access <p>Manage resources (cameras, alarm inputs, and alarm outputs) by areas</p> <p>Recording</p> <ul style="list-style-type: none"> • Continuous recording, event triggered recording, and command triggered recording. • Set uploading schedule to upload the specific type of video files stored in one storage medium to the selected storage location • Set recording schedule: All-Day Time-Based Template, All-Day Event-Based Template, and Custom Template <p>Auxiliary storage</p> <p>Picture storage</p> <ul style="list-style-type: none"> • Store the images uploaded from the devices, such as alarm triggered pictures, on the HDD of CMS server or Central Storage Server. • Store the pictures imported by the users, such as static map pictures, on the HDD of VSM server. <p>Events & alarms</p> <ul style="list-style-type: none"> • Set system-monitored events for the resources in the system • Camera events: motion, video loss, line crossing, etc. • Device alarm input events • Device exceptions: device offline, HDD full, etc. • User events: user login or logout • User-defined events • Generic events • Send emails to notify users of triggered event information with email template configurable • Trigger the events as alarms and set alarm linkage actions including related cameras, related maps, pop-up window, audible warning, and triggering user-defined event • Save event as alarm when editing event • Set arming schedule for the events: all-day template, weekday template, weekend template, and custom template • Set arming schedule for the alarms: all-day template, weekday template, weekend template, custom template, or the alarms can be armed or disarmed when an event starts or ends

SPECIFICATIONS

Client	<p>Map management</p> <ul style="list-style-type: none"> • Link e-map to area • Search locations on GIS map • Set the current site's location to the GIS map • Add/edit/delete the hot region on the map • Add/edit/delete hot spots (camera / alarm input / alarm output) on the map • Add labels with description on the map
	<p>Role & user management</p> <ul style="list-style-type: none"> • Support changing the password of the admin user • The admin user can reset other users' password • The user account will be frozen for 30 minutes after 5 failed password attempts • Add / edit / delete roles and users • Roles can be assigned with different permissions, including area display rule, resource access, and user permissions • The role name, expiry date, and text description can be set for the roles • The users can be assigned with the roles to obtain the corresponding permissions • The user name, expiry date, and text description can be set for the users • Two types of user status are supported: active and inactive

Function	
Video	Live View
	Play Back
	Video Wall
Face management	Face Monitoring
	Face Comparision
	Face Capture Record
	Search Face By Face
	Flow Statistics
Event management	Device Event, Alarm Input
E-map	View The Geographic Locations Of Resources On The Map
	Get The Live View And Playback Of The Cameras On The Map
Attendance	Attendance Management
	Person Information Management
	Personal Leave Management
People counting	Flow Statistics
	Flow Information Display
	Alarm For Exceeding Limit



SPECIFICATIONS

Software Specifications	32G	16G
Cameras	300000	50000
Streaming Server & Central Storage Server	300	25
Areas	10000	2000
Area Hierarchies	4	4
Cameras per Area	2000	2000
location on E-map	20000	5000
Person	30000	10000
Face capture system	100	50
Face Library	100000	50000
Users	2000	1000
Access users	300	150
Online users	2000	1000

Running Environment Requirement

Spec	Easy7 CMS	
Name	Easy7 CMS	
Version	8.4	
PC Client	support	
Client Requirement	CPU	Intel i5 4460 3.2GHz
	RAM	8G
	OS	win10 64bit
	Monitor	1920*1080
	Broswer	Chrome
	Network	Gigabit Ethernet port
Server Requirement	CPU	Hygon C86 3185 8-core processor
	RAM	16G
	System Disk	1T
	Data Disk	/
	HDD Slot	4
	RAID	None
	Network	4 Gigabit Ethernet port
Server Requirement	CPU	Hygon C86 7151 16-core processor
	RAM	32G
	System Disk	600G
	Data Disk	/
	HDD Slot	8
	RAID	None
	Network	4 Gigabit Ethernet port
Server Os Requiremer	OS version	CentOS 7.6, 64bit
	Database	cassandra 3.0, MariaDB 10.4.13
	Required Software	File storage service, file adapter, tomcat8.0, rabbitmq3.8.3, jdk1.8, Nginx1.15