

High Performance Imaging System. Simple, Stable and Reliable

It accommodates various monitoring equipment, and manages more than 5000 cameras at the same time, integrates different management interfaces on the same platform. It is equipped with various remote monitoring, video playback which allows the manager to operate conveniently.



Global Monitoring Video Management System

Security Permission • Realtime Image

Fast Access • Event Search

Global Monitoring Video Management System



Support video recover resuming, video scheduling resuming, and time interval resuming.

Auto upload images where it was left off when the network is reconnected to ensure that all the image upload is not missing.

Equipped with various of system

Equipped with Car Plate Number / Face Recognition

Support Web Browsers to live viewing.

The web browsers do not need to be installed, the plug-in software plays the video directly.

LINUX Operation System

Security Permission

SD card Storage Endurance

Web Interface Operation

Support H.265

Support High Definition Quality Performance Cameras

Remote Playback

Continuous video uploading

Less than 0.5 second in video latency.

Two-way Audio

Support PTZ protocol

Vehicle monitoring

Over 60% of the owners indicate that it's going to be a negative impact on the business if the fleet can't reach the destination in the expected time. There are many reasons why it may not arrive as an expectation, go through the Fleet Management to check where the problem is and save the cost.



Vehicles Monitoring

Monitoring multiple devices
Track single device for dispatching.

Video Monitoring

Understand the real-time situation (inside and outside of the car) through the images.
Keep eyes on the current speed and GPS location when an emergency occurs, images can be saved and uploaded immediately. (Up to 1600ch)

Route Planning

Route Management
Intelligent Electronic Fences System -
Analyze the best path and save costs.

Unusual Events

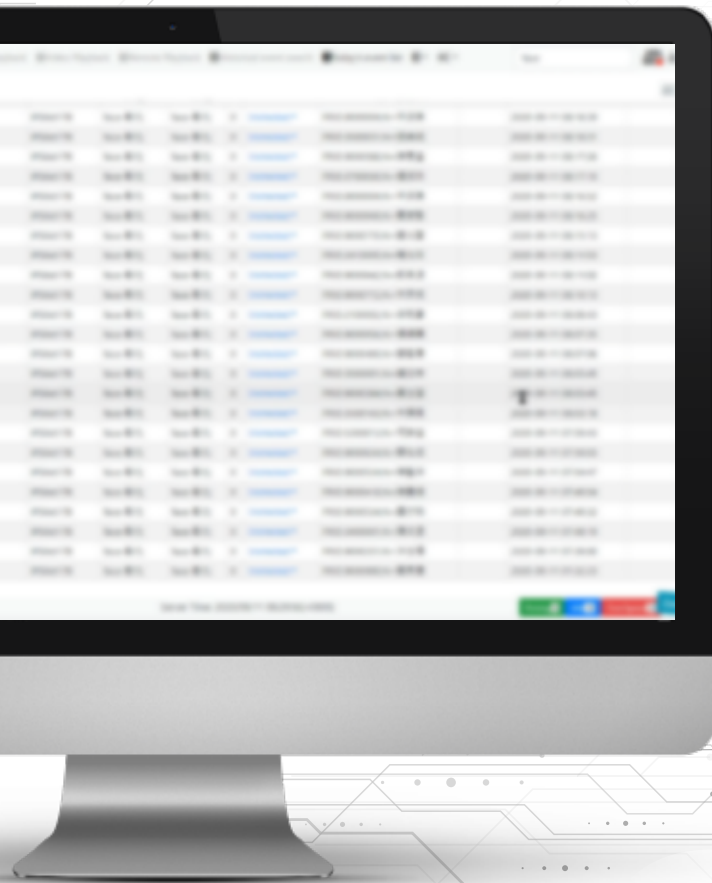
You can set unusual conditions such as speeding, idling, lost contact, lost shift, outside the fence, theft, or being towed. When an unusual event occurs, the device will notify the managers immediately.

Performance Management

The server can transmit the driving data and daily reports to the managers who can learn the driver's driving behavior and performance.

Surveillance camera

Integrating third party peripherals, such as access control, surveillance security, etc. as well as vehicle recognition systems and face recognition data management.



Screen Control Remotely

Two-way Audio / Camera Parameters Setting Remotely.

Video Backup

Support Remote Data Backup and Customize the Date/Time to Playback the Video.

Events Notification

Snapshot Images Remotely and Send Notification via Email.

Set Image Area

A quick overview of the location of the cameras. One click of the button to switch to the live view page.

Build event trigger conditions

Different abnormal events can be set to remind managers .

Face Recognition + Car Plate Number

Compatible with System Integration
Image integration functions

User account authorization system.

Set IP address whitelist, the number of people, connection time, and permission, and support max. of 100 sets of accounts.

Global Monitoring Video Management System



Image format and encoding supporting

Live Streaming

Video: H.265 H.264 MJPEG

Audio: g.711u AAC

Live Streaming

Video: H.265 H.264 MP4 MJPEG

Audio: g.711u AAC

Protocol: RTSP HTTP WebAssembly HTTPS

Hardware Recommend

Please refer to the numbers of video inputs. (IP cameras, RTST streaming)

Numbers of Video input	Memery	Lan Card	CPU
less than 8	1GB	1GB	/
less than 16	2GB	1GB	Dual Core Atom
less than 32	4GB	1GB	Quad Core Atom
less than 64	8GB	1GB	Core i3
less than 128	16GB	1GB	Core i3

* Rapid hardware iteration, and selectable according to your needs.

Operation System Requirements

LINUX



Debian Linux 9.x

Ubuntu Linux 14.04 LTS

Ubuntu Linux 16.04 LTS

Storage Server

Support video compression (Can be forwarded to third party via API)

Database Format: PROPRIETARY ARCHIVE INDEX PostgreSQL

Data Security: Support OPEN SSL SALTED MD5 HASH TLS/SSL HTTPS SHA256

Free Development Tools: Media Server RESTFUL API (HTTP) Image Integration Tools

Storage Device Integration Tool

Network Storage Device: Support NAS / DAS / SAN Support Account Login or Anonymous Login

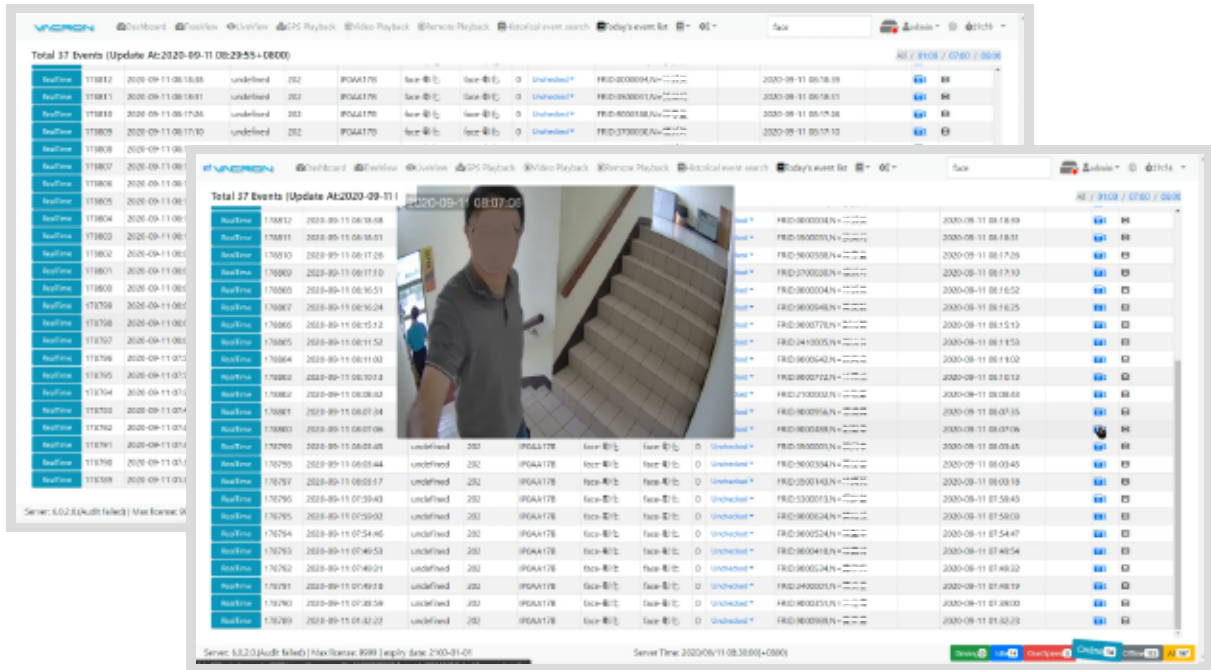
System architecture

A server supports max of 200 devices simultaneously.

A server supports max of 1,000 cameras.

Global Monitoring Video Management System

Face recognition web client



Surveillance camera



Vehicle monitoring

Redefine **surveillance** image management software

Surveillance monitoring systems and vehicle surveillance systems support face recognition.

「Access control」 「Attendance management」 「Visitors Management」 「Stranger Management」

Vacron Provides Multiple Video Surveillance Integration.

Smart enterprise / Smart community / Smart School / Smart store

- Face ID at Entrance.
- Track Employee Attendance
- Seminar Attendance
- Visitors Management
- Stranger Management

- Face ID at Entrance
- Visitors Management
- Stranger Management
- Finding Missing Persons

- School Safety Management
- Track School Attendance
- Visitors Management
- Stranger Management
- Finding Missing Persons

- Recognize VIP Customers
- Smart Advertising
- Consumers Behavior
- Black List