VACRON

Dash Cam
Fleet tracking
Mobile Security

Trains /
Bus /
vehicle /
Surveillance system

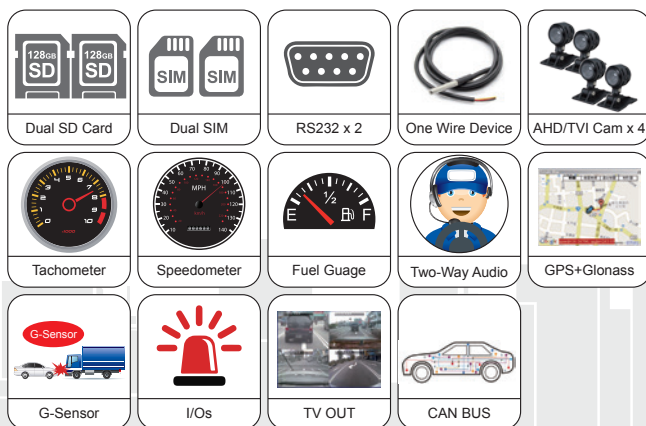Our mobile products include driving recorder, fleet management system, video recorder.
We offer 1ch, 2ch, 4ch, 8ch and more than 9ch. VACRON is a professional manufactory about mobile surveillance.
We have over 20 years of experience in manufacturing, you can believe our technology.

Fleet Management System

ARM MCU MDVR
VVH-MDE43

http://www.

RJ45

Server

G

CARD   SD CARD2   SD CARD1

1
2

POWER
REC SIM GPS

Dual SD Card	Dual SIM	RS232 x 2	One Wire Device	AHD/TVI Cam x 4
Tachometer	Speedometer	Fuel Guage	Two-Way Audio	GPS+Glonass
G-Sensor	I/Os	TV OUT	CAN BUS	

▶ Features

1. Built-in ARM MCU for customized functions integration.
   - 1.1 Dual SIM card mechanism for the cellular network availability in different regions.
   - 1.2 Two RS232 interfaces for equipment connection such as RFID reader.
   - 1.3 One wire interface for equipment connection such as temperature meter.
   - 1.4 GPS+GLONASS for tracking the vehicle location.
     Internal battery keeps GPS active for a period whenpower off.
   - 1.5 CAN bus connectivity.
   - 1.6 I/Os connections to door, brakes, light and so forth.
   - 1.7 Built-in G-sensor for driver behavior monitoring and analysis.
   - 1.8 Speedometer, tachometer and fuel guage connections.
2. Two SD cards to record video and audio.
3. Fast cellular network connection.
4. 3GAppClient software for the real-time monitoring.
5. Two-way audio for immediate verbal communication between the driver and the fleet manager.
6. One TV out to connect an LCD monitor.
7. Support 4 x 720P/1080P AHD/TVI cameras.

4ch 1080P
4ch Vehicle DVR System

- VGA & VIDEO image output, can be connected to the screen, play back on the main device.
- Automatic instant recording after power on, it is more convenient to use.
- Equipped with three-axis G-Sensor event trigger record, GPS function provides speed, coordinate record and route tracking record.
- Image compression format H.264, which provides a higher compression ratio, the picture quality is still clear.
- Video format: 1080P/720P/D1, GUI graphical control interface.
- The image data is stored in an SD card, which can resist the vibration of the vehicle and is not easy to lose.
- Complete and reliable image record list makes searching image records more convenient
- The image and sound during driving can be completely recorded to ensure the responsibility of the accident.
- Provide AVI format backup , allowing users to play directly on a general media player.
- Power management function: delay shutdown after power off, let you have the function of monitoring at the same time.
- Supercapacitor built-in , the flameout automatically delays the recording, ensuring that the data is written totally to the memory card.
- External USB WiFi dongle for instant viewing and backup of files via mobile devices.

wifi

Camera
AVM-H250B

L-TYPE

S-TYPE

MDVR
VVH-MDE46

USB

PWR/REC GPS LAN

SD CARD

Camera
AVM-H223B

Vehicle Camera

Camera size, please refer to the actual sample.

IP66 **Mirror**	
1080P AVM-S236C	

IP66 **Mirror**	
1080P AVM-S225C	
720P AVM-S225B	
AVM-H225B	
960H AVM-H225A	

IP66 **Mirror**	
720P AVM-H237B	
AVM-1137C	
960H AVM-H237A	

IP66 **Mirror**	
1080P AVM-A168C	
720P AVM-A268B	

IP66 **Mirror**	
1080P AVM-S231C	
720P AVM-S231B	
AVM-H231B	
960H AVM-H231A	

IP66 **Mirror**	
1080P AVM-S252C	
720P AVM-S252B	
AVM-H252B	
960H AVM-H252A	

Mirror	
1080P AVM-S282C	
720P AVM-A282B	

IP66 **Mirror**	
1080P VCN-5926HD5	

IP66 **Mirror**	
720P AVM-H265B	
960H AVM-H265A	

Mirror	
1080P AVM-S250C	
720P AVM-S250B	
AVM-H250B	
960H AVM-H250A	

L-TYPE   **S-TYPE**

1080P MDVR

4ch
VVH-MD42D
VVH-MD42D-3GA

8ch
VVH-MD82D
VVH-MD82D-3GA

· Resolution:
   1080p/VGA@30FPS/CH
   720p/VGA@30FPS/CH
· Storage: 2.5"Removable SATA HDD /
   SD Card
· Wide range of power input: DC 8V~36V
· Support WiFi, GPS, 3G/4G.

1080P MDVR

4ch
VVH-MDE304
VVH-MDE304-3GA

8ch
VVH-MDE308
VVH-MDE308-3GA

· Resolution:
   1080p/VGA@30FPS/CH
   720p/VGA@30FPS/CH
· Storage: 2 PCS SD card
· Wide range of power input: DC 8V~32V
· Support WiFi, GPS, 3G/4G.
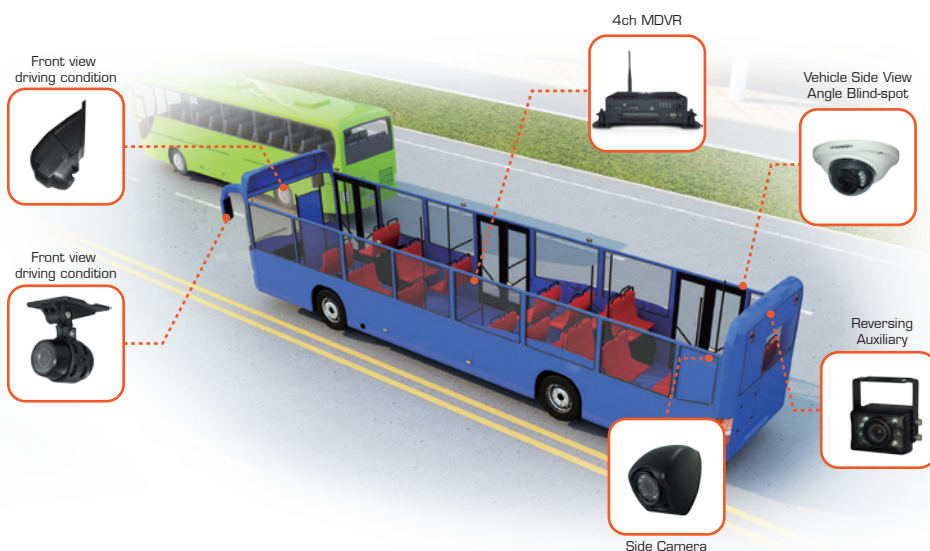

360° Surrounding MDVR

4ch
VVH-MDE52

· Mobile DVR with 4CH 360° surrounding
   view cameras.
· Additional option is the 1CH Parking
   assist camera, which can automatically
   change rear image during parking.
· Resolution: 720p/VGA@30FPS/CH
· Storage: SD card
· Support WiFi, GPS

Installation diagram

4ch MDVR

Front view driving condition

Vehicle Side View Angle Blind-spot

Front view driving condition

Reversing Auxiliary

Side Camera

Economical Fleet Management System

The company fleet management is no longer being expensive, a cloud host capable synchronized manage of 20 cars.

Private cloud storage device
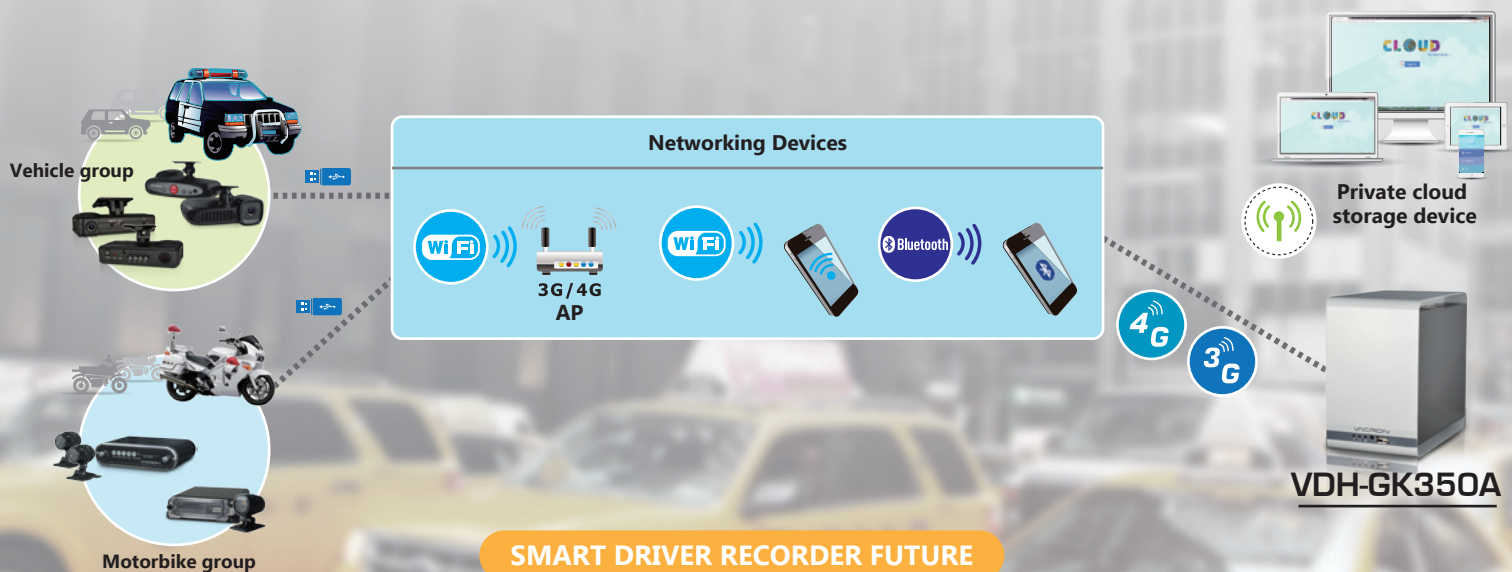
WiFi / Bluetooth 1ch 720P Smart Dashcam

VG01

· Sync Recording via Cloud & Machine
· Remote Playback via Smart Phone & Computer.
· Built-in supercapacitor, keep the real moment when accident happened.
· Built-in WiFi or Bluetooth.

WiFi / 3G+4G 1080P+720P 2CH Smart Dashcam

VG07

· Sync Recording via Cloud & Machine.
· Remote Playback via Smart Phone & Computer.
· Built-in supercapacitor, keep the real moment when accident happened.
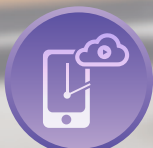· Built-in WiFi or 3G/4G.

Max to 20 devices / 160 CarBox Server

VDH-GK350A

· Capable receive signal from Max. 20 devices.
· Support 8TB SATA/SATA II HDD hard disk.
· Private video file not require to transmit through cloud or other server.
· Low price for small fleet management.

Vehicle group

Motorbike group

Networking Devices

WiFi | 3G/4G AP | WiFi | Bluetooth

4G | 3G

Private cloud storage device

VDH-GK350A

SMART DRIVER RECORDER FUTURE

Real Time Upload
Video and GPS data upload through Smartphone and tablet, sync in real time via app and web.

Remote Playback
Playback footages and route history on any device.

Fleet Management
Co-ordination, stop point & route management, speeding and idle notification.

Driver Behavior
Driver behavior analysis, usual route comparisons, abnormal GPS and G-sensor information.

Emergency Assistance
Sudden G-sensor trigger and manual emergency will be forwarded to any device assigned.

VACRON
Fleet Management System

Vacron CMS Features

1. **Camera List:**
   Grouping camera list and show the detaiil information of each camera.
2. **Live Video Display:**
   Provides live monitoring up to 64 channels or video play back up to 4 channels.
3. **E-map:**
   Show the position of camera on the e-map.
4. **Two-way Audio**
5. **PTZ remote control**
6. **Live view for rotation mode**
7. **App on smart phone and tablet**

VACRON CMS

Central Monitoring System

/ About Vacron CMS /

System Integration

Vacron CMS is able to receive video streaming sent from DTV DVR, Video Server, IP Camera, and NVR. Vacron CMS allows you integrate different type of surveillance devices without gap.

64CH Support

Vacron CMS offers live monitoring up to 64 channels or video play back up to 16 channels.

Intuitive GUI

We also provide friendly user interface on PC, smart phone and tablet that you can get video you want every time and everywhere quickly and easily.

Always View

Vacron CMS manages multi surveillance devices with the server & client structure which supports mass storage and provide high stability quality.

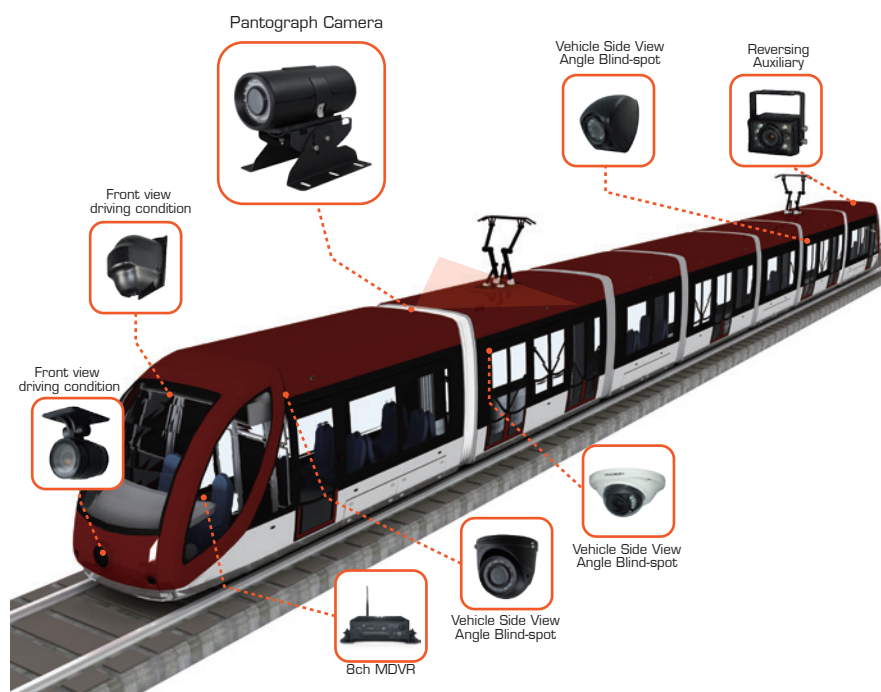## Transportation Monitoring System

We provide full-featured imaging solutions for mass transit vehicles and railway systems.

To ensure all passengers are able to reach their destination safely, it is the most important goals of transportation service.

The establishment of all kind of weather video surveillance in public transport facilities has become a must-have security facility in many urban areas.

This is to ensure the safety of passengers and enhance the overall public safety level.

train station

bus station

Pantograph Camera

Vehicle Side View Angle Blind-spot

Reversing Auxiliary

Front view driving condition

Front view driving condition

Vehicle Side View Angle Blind-spot

Vehicle Side View Angle Blind-spot

8ch MDVR

Motorbike Recorder Surveillance

4 Megapixel

2ch Motorbike Recorder

VVH-MDE31D

- Aluminum casing make it durable and waterproof. Small independent system, 2 channels video and 1 channel audio recording.
- H.264 compression format, 4MP video resolution.
- Low power consumption and efficient heat dissipation, no build-in Lithium battery to prevent possible danger and heat explosion.
- Devices starts recording automatically when engine is on, file is well formatted and saved securely with extension recording by super capacitor.
- Have GPS route tracking function, can display the route tracking by click Google map during video playing in PC player.
- Can connect with USB WiFi dongle, connection for
- APP to display,playback and backup file directly.

wifi

WIFI CAM2 CAM1 ERR PWR/REC   SD CARD

VACRON

VVH-MDE31D

OBD

Camera

Camera

1ch/2ch DVR

● **WiFi Connection**

Available on the
App Store

ANDROID APP ON
Google play

FUHO®   FUHO TECHNOLOGY CO., LTD

service@vacron.com
+886-4-751-2881

No. 30, Lane 726, Jinma Rd, Sec. 3,
Chang Hua City, Taiwan 500.

Motorbike Camera

IP66 **Mirror**

4MP AVM-K125D

IP66 **Mirror**

1080P AVM-S225C
720P AVM-S225B
AVM-H225B
960H AVM-H225A

IP66 **Mirror**

1080P AVM-S236C

IP66 **Mirror**

720P AVM-H223B
960H AVM-H223A

IP66 **Mirror**

720P AVM-H237B
AVM-1137C
960H AVM-H237A

Full HD 1080P Motorbike Recorder

2ch
VVG-MDE58G

· 2 channels in 1080P.
· Built-in supercapacitor.
· External USB WiFi dongle.
· GPS(optional)

Full HD 1080P Motorbike Recorder

1ch
VVG-MDE56

· 1 channels in 1080P.
· Built-in supercapacitor.
· External USB WiFi dongle

Full HD 1080P Motorbike Recorder

1ch
VVG-MDE08FH

· 1 channels in 1080P.
· Built-in supercapacitor.
· External USB WiFi dongle.

HD 720P Motorbike Recorder

2ch
VVG-MDE08B

· 2 channels in 720P.
· Built-in supercapacitor.
· External USB WiFi dongle.
· Aluminum casing make it durable and waterproof.

OBD

Simple Type OBD **IP66**

VVO-OS006

Micro DIM Plug

REC WiFi

Suitable model
VVG-MDE08B、VG08B、VVG-MDE08FH、
VVG-MDE56、VVH-MDE58、VACRON SV2

OBD (On Board Display) **IP66**

VVO-OS008 (WiFi Statue)

Micro DIM Plug Metal Plug

PWR GPS REC WiFi

Suitable model
Micro DIN：VVG-MDE08B、VG08B、VVG-MDE08FH
Metal Plug：VVH-MDE58G

OBD (On Board Display) **IP66**

VVO-OS008 (ERROR Statue)

Metal Plug

PWR GPS REC ERR

Suitable model
VVH-MDE31B、VVH-MDE31D

VACRON

Separate Secret Mobile Recorder - Camera

Mobile Cloud-Based Body Camera Solution

- 1CH H.264 FULL HD 1080P with high resolution image
- Low Lux , wide angle 140 degree lens
- Based on high-capacity mobile power bank input DC 5V, to achieve long-term video recording
- Loop video recording ,not cover important events, keep the pictures of the incident
- USB WiFi dongle supported , instant view & backup through mobile devices
- Multi-turn lens clip, suitable for all kinds of angle installation
- Built-in microphone and light display of status
- Suitable for: military, police and other law enforcement officers, mail carriers, security guards, and people-oriented service personnel
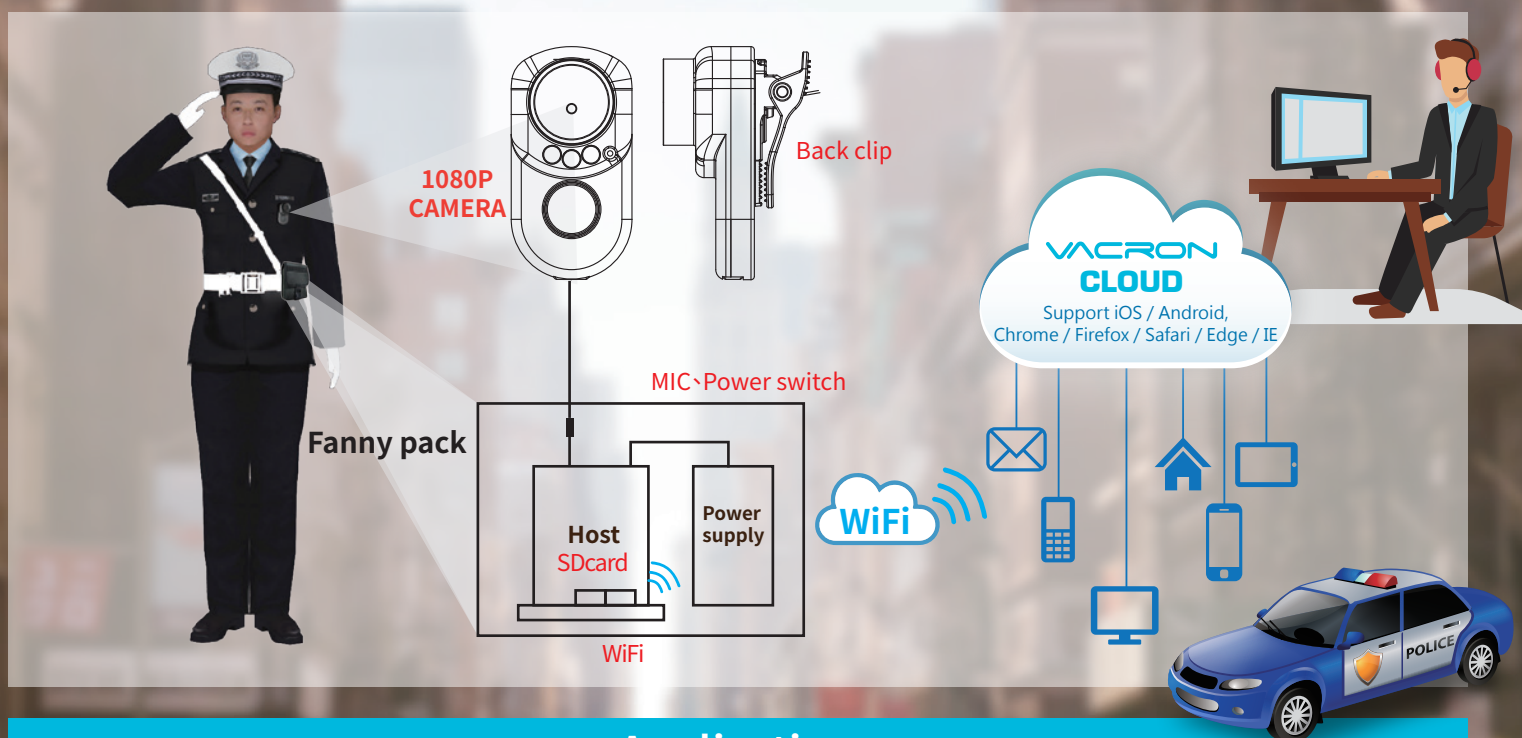
MAIN DEVICE

BODY CAMERA

Policeman	Separate Secret Mobile Recorder - Camera	Cloud monitoring

Back clip

1080P CAMERA

VACRON CLOUD
Support iOS / Android, Chrome / Firefox / Safari / Edge / IE

MIC、Power switch

Fanny pack

Host SDcard

Power supply

WiFi

WiFi

POLICE

Application

Police

Security Guard

Hotel Help Desk

Gas Station

Express Carrier

Postal Service

Meal-kit Delivery

Gate Keeper