VACRON
ADVANCES IN SECURITY SOLUTIONS

Mobile
surveillance

VACRON
ADVANCES IN SECURITY SOLUTIONS

2022

*We offer total solutions
in surveillance system.*

ISO 9001:2008
ISO/TS 16949:2009   2022 FEB. V1.0

FUHO Technology CO.,LTD.

Table of Contents

New generation   AI upgrades

The vital driving force for the world and enterprises to move forward.
AI and hardware integration, the most innovative research and development technology.

Advanced driver-assistance systems ADAS

Pedestrian detection(PD)
Adaptive Cruise Control (ACC)
Forward Collision Warnings (FCW)
Lane departure warning (LDW)

Driver Status Monitor DSM

Driver calling detection alarm.
Driver smoking detection alarm.
Driver fatigue driving alarm.
Driver abnormal alarm. (when there is no driver or driver does not sit at the right place)

Blind Spot Monitoring BSD

H.265
Compression

Advanced
Multiple ultiple certifications
【BSMI】 【FCC】 【CE】

AI
3G/4G
WiFi/GPS
G-Sensor

VACRON

SD CARD 2   SD CARD 1   REC GPS LAN

VVH-MDE304 / VVH-MDE308

SD CARD   SIM CARD

VVH-MD42D/ VVH-MD82D

▶ VVH-MD42D `4ch` /VVH-MD82D `8ch`

- 1080P
- 4G/WiFi
- GPS
- Input/Output
- H.265
- G-Sensor
- ADAS
- DSM
- BSD
- AI applications

▶ VVH-MDE304 `4ch` /VVH-MDE308 `8ch`

- 1080P
- 4G/WiFi
- GPS
- Input/Output
- H.265
- G-Sensor
- AI applications
- SD card

▶ VVH-MDE52 `4ch`

- 720P
- WiFi
- GPS
- G-Sensor
- SD card
- 4 alarm inputs
- VGA/CVBS
- RS-232
- 360° video recording

▶ VVH-MDE83 `8ch`

- 1080P
- 4G/WiFi
- GPS
- Input/Output
- H.265
- 6-Axis Sensor
- ARM/MCU
- SD card

▶ VVH-MD86D `8ch`

- 1080P
- 4G/WiFi
- GPS
- Input/Output
- ADAS
- DSM
- SD card
- HDD
- SSD

▶ VVH-MDE46 `4ch`

- 1080P
- WiFi
- GPS
- G-Sensor
- 4 alarm inputs
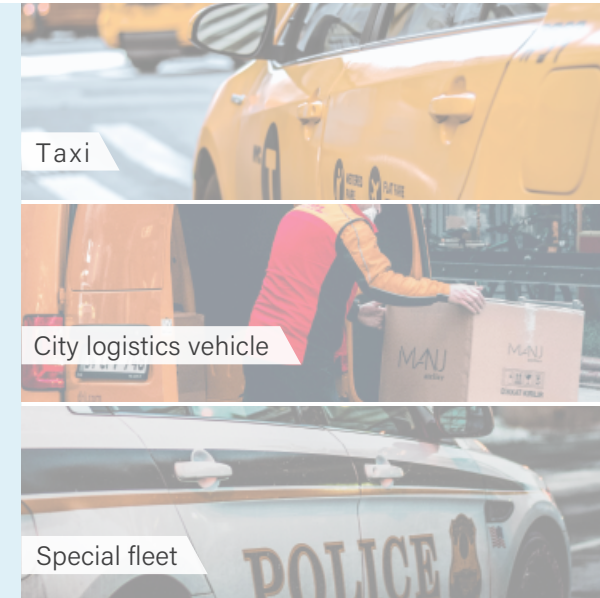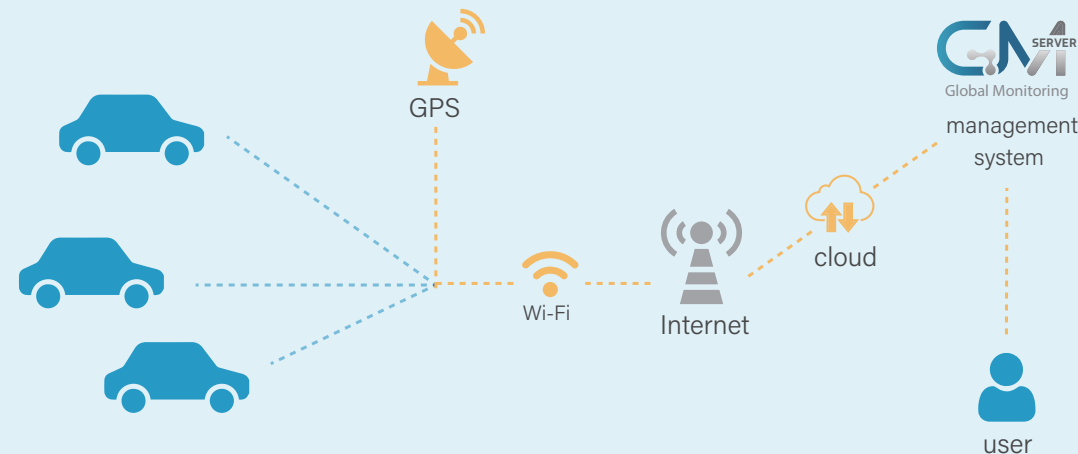- VGA/CVBS
- RS-232
- SD card

Diversified Management 『New Choice』 Fleet management is no longer a heavy vehicles patent

Smart cloud smart driving recorder

With the introduction of new technologies, the functions of the vehicle-machine system have rapidly extended from the previous fleet management to multiple applications.

Let the car also have professional fleet management, such as: taxis, passenger cars, urban logistics and law enforcement agencies...etc

Immediately experience instant vehicle tracking, collision image alerts, historical trips and fleet management features that are enabled on many devices.

GPS

GM SERVER
Global Monitoring

management system

cloud

Wi-Fi

Internet

user

Taxi

City logistics vehicle

Special fleet

▶ VVA-CBE65 H.265

2 built-in and 1 external (optional) cameras up to 1080P in reslution

AI SoC platform(Ambarella)

· 4G/WiFi/Bluetooth

· Input/Output

· AI applications

· G-Sensor

· GPS

· Support USB/RS232

· Support ACC

Equipped with advanced AI technology

Accident prevention and driver monitoring combined with 4G connectivity and seamless cloud integration.

▶ CDR-E07D H.264

· Front 1080P

· Rear 720P

· Front view angle120°

· Rear view angle130°

· G-Sensor

· GPS

· External WiFi dongle

▶ VG07D H.264 Cloud system

· Front 1080P

· Rear 720P

· Front view angle120°

· Rear view angle130°

· G-Sensor

· GPS

· 4G/WiFi

· External WiFi dongle

· External 4G dongle

▶ VVG-CBE45 `H.264`

- 720P
- 90° viewing angle
- G-Sensor
- External WiFi dongle
- 360° adjustable round shaft

▶ VVG-CBN11B

- 100° viewing angle
- G-Sensor
- Manual event recording
- High heat-resisting material
- MIT Smile Logo

▶ VVN-MDE58A

- 2CH 1080P
- H.264
- G-Sensor
- GPS(OBD)
- Built-in supercapacitor
- External USB WiFi dongle

▶ VVG-MDE56C

- 2CH 1080P
- H.264
- G-Sensor
- GPS(OBD)
- Built-in supercapacitor
- External USB WiFi dongle

▶ VVG-CBE15A `H.264`

- 120° viewing angle
- G-Sensor
- Simultaneously record the sound inside and outside the car

▶ VVG-CBN11A

- 100° viewing angle
- HD video resolution
- Manual event recording
- G-Sensor
- High heat-resisting material

▶ VVG-MDE56

- 1080P
- H.264
- Built-in supercapacitor
- No built-in lithium battery

▶ VACRON SV1

- 2CH D1
- H.264
- Built-in supercapacitor
- External USB WiFi dongle

▶ VG01 `H.264` `Cloud system`

- 100° viewing angle
- G-Sensor
- GPS
- External WiFi dongle
- External Bluetooth dongle

▶ VVG-CBE36B

- 100° viewing angle
- G-Sensor
- GPS
- External WiFi dongle

▶ VVH-MDE16

- 2CH D1
- H.264
- Built-in supercapacitor
- External USB WiFi dongle

wearable

Cloud Connected Body-worn Camera

build-in 4G module & antenna

61mm
29.5mm
90mm

H.265

VVA-MDE68

AI SoC platform(Ambarella)

Multi-angle universal mount
Easy installation

Chest clip
Shoulder clip

Cradle charging
Easy and fast charging

wireless portable
more flexible

IP67	**8 hr**	**188g**	**1080P**	**H.265**	**120°(H)**
strong and durable	long-term power	lightweight	Clear and high resolution	Efficient coding	Broad perspective

HEVC

Driving

Unlimited use
Multi-purpose machine

Mini and lightweight ,1080P Clear and high resolution

Built-in Wi-Fi function for instant viewing, playback and backup of files

Loop recording is not overwritten, save important data.

Merchant

〔stationary〕

▶ **VVG-CBE57** H.264

- 1080P
- 110° viewing angle
- WiFi
- Detachable

▶ **VVG-CBE59** H.264

- 1080P
- 110° viewing angle
- WiFi
- IP67
- Embedded memory

〔wearable〕 Powered by a power bank
for long-lasting video recording duration

▶ **VVG-MDE55A** H.264

- 1080P
- 140° viewing angle
- Camera IP66
- 4G
- GPS
- Powered by power bank
  (DC 5V/2A)

▶ **VVG-MDE55** H.264

- 1080P
- 140° viewing angle
- Camera IP66
- External WiFi dongle
- External Bluetooth dongle
- Powered by power bank
  (DC 5V/2A)

Operation monitoring

Auxiliary monitoring

Auxiliary monitoring

Reversing assist lens

VVH-MDE304

VVH-MDE31D

SERVER

GM

Global Monitoring

Auxiliary monitoring

Reversing assist lens

Roof 360°

Reversing assist lens

Auxiliary monitoring

In-vehicle monitoring

DSM

VVA-CBE65

ADAS

POLICE

DOWNDTOWN

Auxiliary monitoring

VVH-MD82D
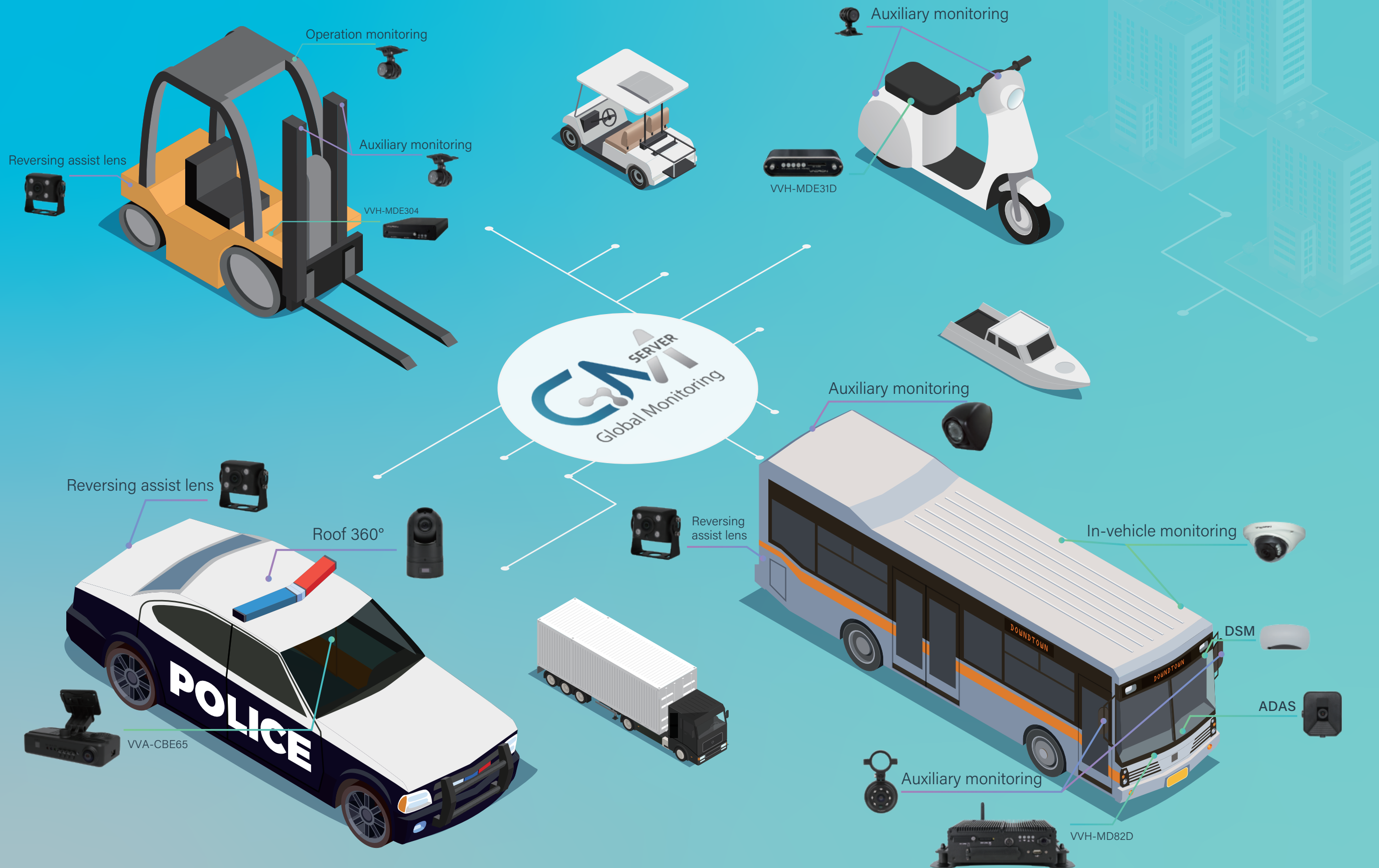
Model	AVM-S331C	AVM-S231C-5V	AVM-S231C-12V
Resolution	1080P		
Pick Up	1/2.8" SONY CMOS	1/2.9" SONY CMOS	1/2.9" SONY CMOS
Lens	2.8mm		
LEDs	6PCS		
IR	•		
IR Range	3M		
Sensitivity	0.01 LUX	0.1 LUX	0.1 LUX
View Angle	H110°	H90°	H90°
IP	IP68		

Model	AVM-S352C	AVM-S252C-5V	AVM-S252C-12V
Resolution	1080P		
Pick Up	1/2.8 SONY CMOS	1/2.9" SONY CMOS	1/2.9" SONY CMOS
Lens	2.8mm		
LEDs	6PCS		
IR	•		
IR Range	3M		
Sensitivity	0.01 Lux	0.1 Lux	0.1 LUX
View Angle	H110°	H90°	H90°
IP	IP68		

Model	AVM-S231B	AVM-H231B	AVM-H231A
Resolution	720P	720P	960H
Pick Up	1/2.9" SONY CMOS	1/4"CMOS	1/4"CMOS
Lens	2.6mm		
LEDs	6PCS		
IR	•		
IR Range	3M		
Sensitivity	0.1 Lux		
View Angle	H80°	H90°	H90°
IP	IP68		

Model	AVM-S252B	AVM-H252B	AVM-H252A
Resolution	720P	720P	960H
Pick Up	1/2.9" SONY CMOS	1/4"CMOS	1/4"CMOS
Lens	2.6mm		
LEDs	6PCS		
IR	•		
IR Range	3M		
Sensitivity	0.1 Llux		
View Angle	H80°	H90°	H90°
IP	IP68°		

Model	AVM-S332C	AVM-F232C
Resolution	1080P	
Pick Up	1/2.8" SONY CMOS	1/3"CMOS
Lens	2.9mm / 2.19mm	
LEDs	/	
IR	/	
IR Range	/	
Sensitivity	0.01 Lux	0.1Lux
View Angle	H115 ° / H150°	
IP	IP68	

Model	AVM-S368C
Resolution	1080P
Pick Up	1/2.8" SONY CMOS
Lens	2.8mm / 3.6mm
LEDs	18 PCS
IR	●
IR Range	5M
Sensitivity	0.01 LUX
View Angle	H95° / H85°
IP	IP66

Model	AVM-S525D
Resolution	4MP
Pick Up	SONY IMX335 1/2.8" CMOS
Lens	2.8mm
LEDs	/
IR	/
IR Range	/
Sensitivity	0.01 LUX
View Angle	H110°
IP	IP66

Model	AVM-S339C
Resolution	1080P
Pick Up	1/2.8" SONY CMOS
Lens	2.9mm / 2.19mm
LEDs	4PCS
IR	●
IR Range	3~5M
Sensitivity	0.01 Lux
View Angle	H115 ° / H:150°
IP	IP68

Model	AVM-S325C
Resolution	1080P
Pick Up	1/2.8" SONY CMOS
Lens	2.8mm
LEDs	/
IR	/
IR Range	/
Sensitivity	0.01 Lux
View Angle	H110°
IP	IP66

Model	AVM-S333C	AVM-F233C
Resolution	1080P	
Pick Up	1/2.8" SONY CMOS	1/3"CMOS
Lens	2.9mm / 2.19mm	
LEDs	4PCS	
IR	●	
IR Range	3~5M	
Sensitivity	0.01 Lux	0.1 Lux
View Angle	H115 ° / H150°	
IP	IP68	

Model	AVM-S327C
Resolution	1080P
Pick Up	1/2.8" SONY CMOS
Lens	2.4mm
LEDs	9 PCS
IR	●
IR Range	3~5M
Sensitivity	0.01 Lux
View Angle	H130°
IP	IP68

Model	AVM-S350C	AVM-S250C	AVM-H250B
Resolution	1080P	1080P	720P
Pick Up	1/2.8" CMOS	1/2.9" SONY CMOS	1/4" CMOS
Lens	2.8mm	3.6 mm	2.6mm
LEDs		/	
IR		/	
IR Range		/	
Sensitivity	0.01 Lux	0.1 LUX	0.1 LUX
View Angle	H120°	H90°	H90°
IP		/	

Model	AVM-S322C	AVM-F222C
Resolution	1080P	
Pick Up	1/2.8"SONY CMOS	1/3"CMOS
Lens	2.9mm / 2.19mm	
LEDs	/	
IR	/	
IR Range	/	
Sensitivity	0.01 Lux	0.1 Lux
View Angle	H115 ° / H:150°	
IP	IP68	

Model	AVM-S225C
Resolution	1080P
Pick Up	1/2.9" SONY CMOS
Lens	3.6mm / 2.8mm
LEDs	/
IR	/
IR Range	/
Sensitivity	0.1 LUX
View Angle	H90° / H110°
IP	IP66

Model	AVM-S265C	AVM-H265B	AVM-H265A
Resolution	1080P	720P	960H
Pick Up	1/2.9 CMOS	1/4"CMOS	1/4"CMOS
Lens	4mm	2.6mm	2.6mm
LEDs		10PCS	
IR		•	
IR Range		3M	
Sensitivity		0.1 LUX	
View Angle	H80°	H90°	H90°
IP		IP66	

Model	AVM-S328C	AVM-F228C
Resolution	1080P	
Pick Up	1/2.8"SONY CMOS	1/3"CMOS
Lens	2.9mm / 2.19mm	
LEDs	11 PCS	
IR	•	
IR Range	3~5M	
Sensitivity	0.01 Lux	0.1 Lux
View Angle	H115 ° / H150°	
IP	IP68	

Model	AVM-S226C-5v
Resolution	1080P
Pick Up	1/2.9" SONY CMOS
Lens	3.3mm
LEDs	/
IR	/
IR Range	/
Sensitivity	0.1 LUX
View Angle	H110°
IP	IP67

Model	AVM-S382C
Resolution	1080P
Pick Up	1/2.8"CMOS
Lens	2.8mm
LEDs	12 PCS
IR	•
IR Range	15M
Sensitivity	0.01 LUX
View Angle	H95°
IP	IP66

Model	AVM-S5926HD5
Resolution	1080P
Pick Up	1/2.9" SONY CMOS
Lens	2.8mm / 3.6mm
LEDs	12 PCS
IR	•
IR Range	3~5M
Sensitivity	0.01 LUX
View Angle	H95°/ H85°
IP	IP68

Model	AVM-S356C
Resolution	1080P
Pick Up	1/2.8" SONY CMOS
Lens	2.9mm / 2.19mm
LEDs	7PCS
IR	•
IR Range	3~5M
Sensitivity	0.01Lux
View Angle	H115 °/ H150°
IP	IP68

Car Cameras

Model	AVM-H237B	AVM-H237A	AVM-H223B
Resolution	720P	960H	720P
Pick Up	1/4"CMOS		1/4" CMOS
Lens	2.0mm		2.0mm
LEDs	/		/
IR	/		/
IR Range	/		/
Sensitivity	0.1 Lux		0.1 LUX
View Angle	H110°		H110°
IP	IP66		IP66

Model	AVM-H225B	AVM-H225A	AVM-H251B
Resolution	720P	960H	720P
Pick Up	1/4"CMOS		1/4"CMOS
Lens	2.0mm		2.6mm
LEDs	/		6PCS
IR	/		•
IR Range	/		3M
Sensitivity	0.1 Lux		0.1 lux
View Angle	H80°		H90°
IP	IP66		/

Brand original

Best for in-vehicle systems

VACRON Smart Card

(32/64/128/256GB)

Provides ultra-high durability

Quality assurance and software consistency make the product more stable

- **Ultra high read and write frequency**

  Much higher than the general card repeated reading and writing 3 times. (General card frequency 500-1000 times)

- **Customizable cards**

  The industry's first memory card that integrates video equipment and memory card health information.

- **SD card Storage Endurance**

  Warning signal when the SD card storage reliability falls below the set value, users can check the card status through the device at any time.

Suitable for all kinds of companies

From managers' perspective, Vacron understands that companies need reliable video surveillance solutions, minimize construction and maintenance costs. GMS is user-friendly, straightforward, and highly integrable, allowing managers to grasp the company's overall operation process quickly.
GMS is a preferred solution by many companies.

RMTP Protocol

Access and Monitor Video Anytime Anywhere

Quick Setup and System Auto Maintenance

Building and Integrating AI Ecosystems

Through AI technology, easy to monitor and manage in-n-out fixed-point a rithmetic of people and vehicles.

Quick response to an emergency, improve the management efficiency and lower labor cost.

▌Manage large equipments at the same time

Manage more than 5000 mobile and fixed surveillance cameras which can also maintain high-quality videos at the same time.

▌Secure Storage Solution

GMS provides you with a secure, scalable, and flexible storage solution (Support NAS, AWS S3).

▌Smooth without live streaming latency

Support realtime streaming with less than 0.5-second lateness, two-way audio, and PTZ camera control to get the ideal view angle without a blind zone.

Brand NEW

Browse by 2WAY

Easy to operate

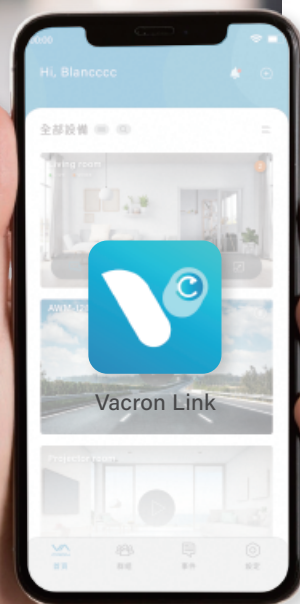## multiple control

multi-segmentation

Convenient LIVE Playback

Continually updated

GPS track record

Vacron Link

Hi, vivi

全部設備

Car
· Live

Truck

en

Living room
· Live

Showroom

The P2P connection is effortless to set up, secure and reduces the chance of cyber attack. Vacron server is used as the center to connect the device to the client. The server is very well protected and only serves as a bridge connection with P2P, so it will not store any image to the server.

All products for WI-FI
series support P2P

Internet

Service

MDVR / DVR / NVR

P2P

QR code or UID

USE
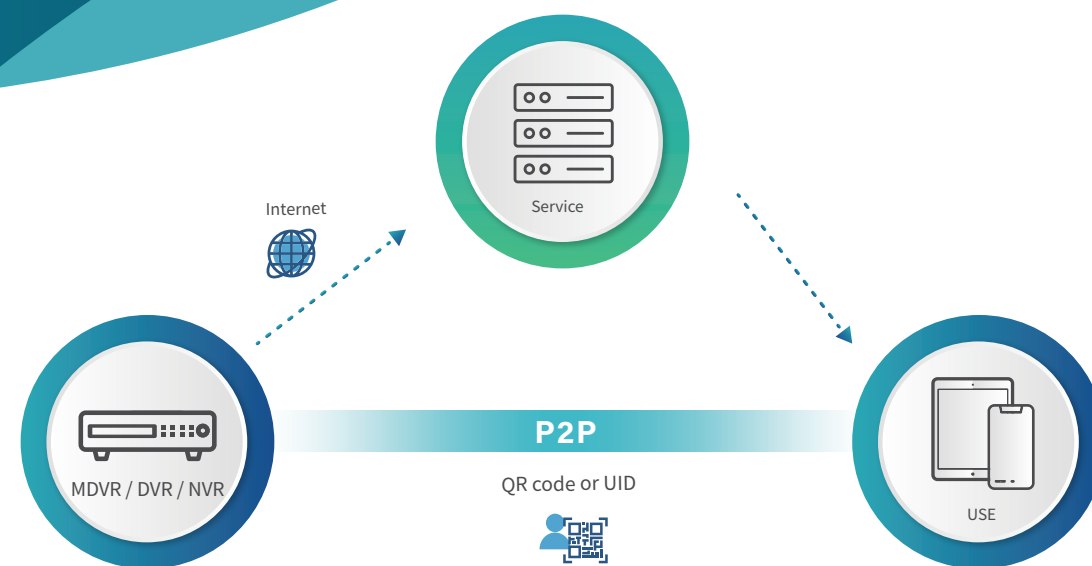
1 Easy | Remote monitoring using QR code or UID to join the device.

2 Safety | No data breaches as the data are not stored on a server.

3 Peace of Mind | Each device has its own password, no need to worry about network attacks.