



ViPRO

Mobile Surveillance
Vision in Mobility

Why ViPRO?

Customer oriented

We listen to your needs. At ViPRO, we take each individual customer's needs seriously with solution-oriented approach. We strive to deliver 100% customer satisfaction with accountability, speedy service and quality support.

Vision in Mobility

ViPRO is strong at "Vision and Visualization" of mobility-based video surveillance and connectivity. We are specialized in both software development and hardware electronics security.

Innovation

ViPRO solution is industry field-proof with technological competence. We keep on investing on product research and development and accommodating solution catering to diversified business applications.

Professional

We excel at what we do. ViPRO experts comprise over 15 years of industry experiences in integrated video security solution. We provide what suits the best to our customers and ensure long-term profitability with right market focus and approach.

Corporate Citizenship

ViPRO acts as a global citizen to provide high-quality video surveillance solution for mobile application and on-board security. It is our responsibility to offer durable and affordable security solution to protect the safety of end customers and assets in our specialized areas.

Vertical Market

ViPRO provisions a suite of professional and ruggedized Mobile DVR, Vehicle Cameras and Rear View Camera Systems specially designed for harsh mobile environment, such as school bus, public passenger transport, rail solution, fleet monitoring, cash-in-transit vehicles and etc. The powerful CMS (Central Monitoring Software) is ideal for remote fleet management which allows instant location tracking, real-time alarm alert or video footage backup and analysis over 3G/4G, cellular or WiFi network.



Public bus monitoring



Fleet monitoring



Rail Security



Logistics solution



Public transport



Cash-in-Transit

MVR-210

Economic 5CH Hybrid Mobile DVR

MVR-210 is an economic 5CH Hybrid Mobile Digital Video Recorder specially designed for vehicle surveillance and remote monitoring. It has a high-speed processor and embedded Linux operating system, combining with the most advanced H.264 compression/decompression technology and GPS positioning technology. MVR-210 supports video recording in 720P, WD1, D1, HD1 and CIF formats, vehicle travel information recording and local playback & analysis. It is powerful with modular design, flexible installation, easy maintenance and high reliability.



Main features

- ✔ Support 4ch WD1 at 100/120fps and 1ch 720P IP at 30fps
- ✔ Support Dual SD cards for recording (max. 256GB capacity)
- ✔ Anti-vibration for 360 degree installation
- ✔ Built-in GPS for location tracking
- ✔ Support USB2.0 high speed backup
- ✔ Support data recovery technology



MVR-215

Functional 5CH Hybrid Mobile DVR

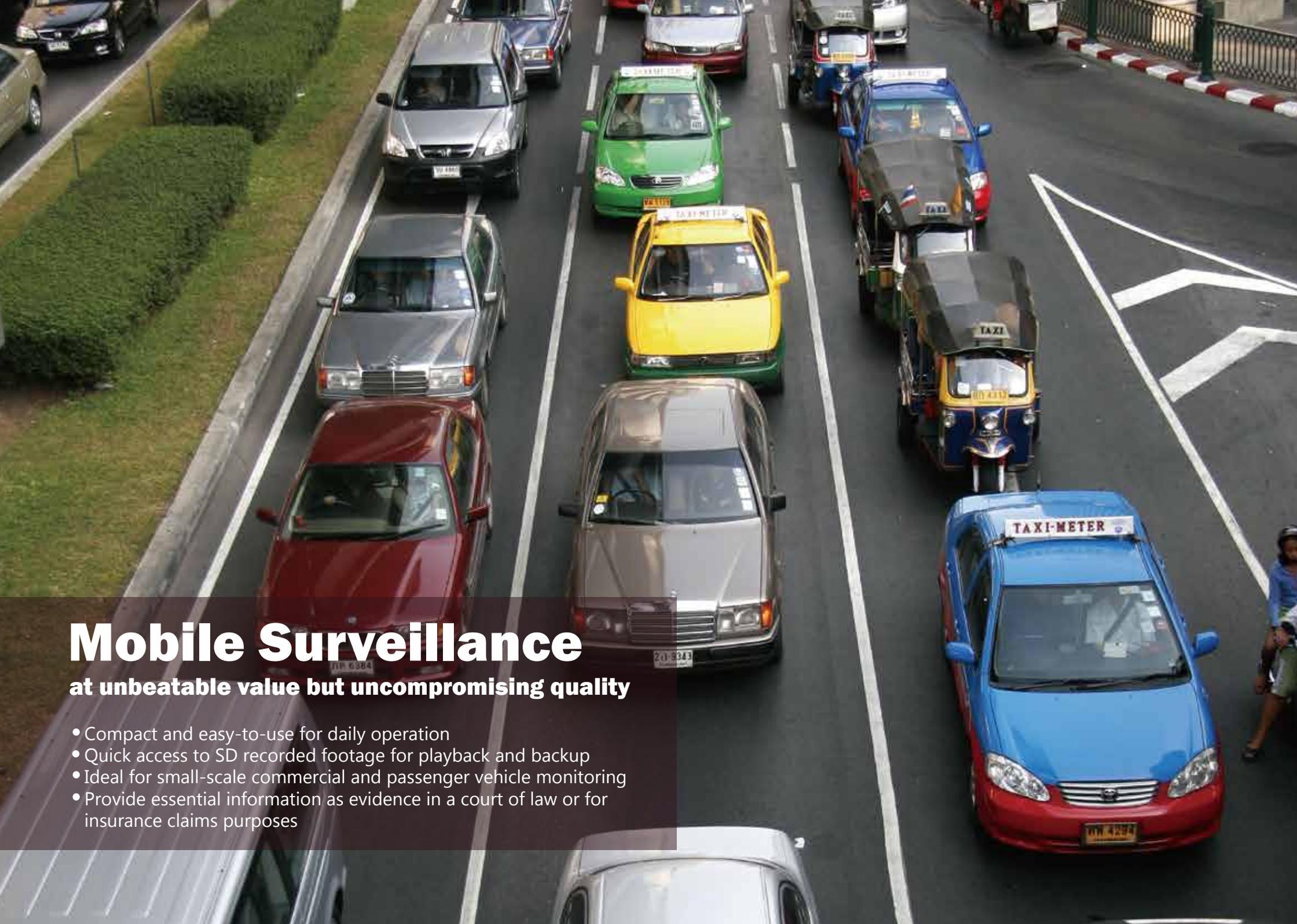
MVR-215 is a functional 5CH Hybrid Mobile Digital Video Recorder specially designed for vehicle surveillance and remote monitoring. Incorporating high-speed processor and embedded Linux operating system, MVR-215 features advanced H.264 compression/decompression technology, network and GPS positioning technology. MVR-215 supports video recording in 720P, WD1, D1, HD1 and CIF formats, vehicle travel information recording and wireless data upload. It is powerful with modular design, flexible installation, easy maintenance and high reliability.



Main features

- ✔ Support 4ch WD1 at 100/120fps and 1ch 720P IP at 30fps
- ✔ Support Dual SD cards for recording
- ✔ Anti-vibration for 360 degree installation
- ✔ Built-in GPS for location tracking
- ✔ Built-in 3G/4G for live view and remote management
- ✔ Built-in WIFI for video files and alarm files download
- ✔ Support USB2.0 high speed backup
- ✔ Support data recovery technology





Mobile Surveillance

at unbeatable value but uncompromising quality

- Compact and easy-to-use for daily operation
- Quick access to SD recorded footage for playback and backup
- Ideal for small-scale commercial and passenger vehicle monitoring
- Provide essential information as evidence in a court of law or for insurance claims purposes

MVR-315

Functional 5CH Hybrid Mobile DVR

MVR-315 is a functional 5CH Hybrid Mobile Digital Video Recorder specially designed for vehicle surveillance and remote monitoring. Incorporating high-speed processor and embedded Linux operating system, MVR-315 features advanced H.264 compression/decompression technology, network and GPS positioning technology. MVR-315 supports video recording in 720P, WD1, D1, HD1 and CIF formats, vehicle travel information recording and wireless data upload. It is powerful with modular design, flexible installation, easy maintenance and high reliability.



Main features

- ✓ Support 4ch WD1 at 100/120fps and 1ch 720P IP at 30fps
- ✓ Support 2.5" SATA Hard Disk recording
- ✓ Anti-vibration for 360 degree installation
- ✓ Built-in GPS for location tracking
- ✓ Built-in 3G/4G for live view and remote management
- ✓ Built-in WIFI for video files and alarm files download
- ✓ Support USB2.0 high speed backup
- ✓ Support data recovery technology



MNR-360

Functional 4CH Mobile NVR

MNR-360 is an advanced 4CH Mobile Network Video Recorder specially designed for vehicle surveillance and remote monitoring. Incorporating high-speed processor and embedded Linux operating system, MNR-360 features advanced H.264 compression/decompression technology, network and GPS positioning technology. MNR-360 supports 720P video recording vehicle travel information recording and wireless data upload. It is powerful with modular design, flexible installation, easy maintenance and high reliability.



Main features

- ✔ Support 4ch 720P IP at 120fps
- ✔ Support 2.5" SATA Hard Disk recording
- ✔ Anti-vibration for 360 degree installation
- ✔ Built-in GPS for location tracking
- ✔ Built-in 3G/4G for live view and remote management
- ✔ Built-in WIFI for video files and alarm files download
- ✔ Support USB2.0 high speed backup
- ✔ Support data recovery technology



MVR-606 series

Advanced 6CH Hybrid Mobile NVR

MVR-606 is an advanced 6CH Hybrid Mobile Digital Video Recorder specially designed for vehicle surveillance and remote monitoring at high-definition video quality. Incorporating high-speed processor and embedded Linux operating system, MVR-606 features advanced H.264 compression/decompression technology, network and GPS positioning technology. MVR-606 supports video recording in 720P, WD1, D1, HD1 and CIF formats, vehicle travel information recording and wireless data upload. With brand new central monitoring software it also achieves alarm linkage central monitoring, remote management and playback analysis.



Main features

- ✔ Support 4ch WD1 and 2ch 720P IP or 2ch WD1 and 4ch 720P IP
- ✔ Rugged metal and modular design for easy maintenance
- ✔ Support 2TB 2.5" SATA HDD storage and SD card for mirror recording
- ✔ Dual streams for local recording and wireless transmission
- ✔ Built-in GPS for location tracking
- ✔ Built-in 3G/4G for live view and remote management
- ✔ Built-in WIFI for video files and alarm files download
- ✔ Support IP54 waterproof standard

Models:

- MVR-606-2IP (4ch WD1 + 2ch 720P IP)
- MVR-606-4IP (2ch WD1 + 4ch 720P IP)





Secure your loved ones on board anytime, anywhere

- Deter bullying, fighting, and inappropriate behavior
- Protect students to ensure bus drivers fully focus on driving instead of disobedient children
- Record incidents such as vandalism and destruction of school bus property
- Provide essential information in the event of an accident - signals captured by the system can be used as evidence in a court of law or for insurance claims purposes

MVR-612

Advanced 12CH Hybrid Mobile DVR

MVR-612 is an advanced 12CH Hybrid Mobile Digital Video Recorder specially designed for vehicle surveillance and remote monitoring at high-definition video quality. Incorporating high-speed processor and embedded Linux operating system, MVR-612 features advanced H.264 compression/decompression technology, network and GPS positioning technology. MVR-612 supports video recording in 720P, WD1, D1, HD1 and CIF formats, vehicle travel information recording and wireless data upload. With brand new central monitoring software it also achieves alarm linkage central monitoring, remote management and playback analysis.



Main features

- ✓ Support 8ch WD1 + 4ch 720P IP or 4ch WD1 + 8ch 720P IP
- ✓ Support 2TB 2.5" HDD storage and SD card for mirror recording
- ✓ Dual streams for local recording and wireless transmission
- ✓ Built-in GPS for location tracking
- ✓ Built-in 3G/4G for live view and remote management
- ✓ Built-in WIFI for video files and alarm files download
- ✓ Built-in inertia sensor and heater* (optional)
- ✓ Provide statistics on speed, turning, break, reverse, opening door
- ✓ High-speed backup through USB2.0 or SD card
- ✓ User log management: on-off status, video loss, record start/end time, user log in/out, parameter modification, timing, bus stop announcement and GPS status





Smart Fleet Monitoring with CMS managing vehicles on the go

- Vehicle location and route tracking
- Manage the whole fleet remotely
- Live view transfer (call by control center)
- Speed/event checking after video download
- Preserve the chain of evidence
- Protect driver's and passenger's safety

MVR-624

Advanced 24CH Hybrid Mobile DVR

MVR-624 is an advanced and feature-rich 24CH Hybrid Mobile Digital Video Recorder for vehicle surveillance and intelligent dispatch. Incorporating high-speed processor, advanced H.264 codec network and GPS positioning technology, MVR-624 also supports dynamic coding technology to adjust to the dynamic change of 4G/3G network bandwidth and ensure the fluency of remote video monitoring. It can realize 720P, WD1, D1, HD1 and CIF formats, vehicle travel information recording and remote video upload. With center software it achieves alarm central monitoring, vehicle intelligent dispatching management and playback analysis.



Main features

- ✓ Support 16ch WD1 + 8ch 720P IP
- ✓ Built-in mechanical anti-vibration technology
- ✓ Anti-vibration design for 360 degree installation
- ✓ Support 2.5" HDD storage and SD card for mirror record
- ✓ Triple stream technology
- ✓ Built-in GPS for location tracking
- ✓ Built-in 3G/4G for live view and remote management
- ✓ Built-in WIFI for video files and alarm files download
- ✓ Rich interface for external device expansion
- ✓ Support DC8~36V wide voltage output
- ✓ Pentiplex function (record/playback/backup/network)
- ✓ 24-hour single-file recording mode



A high-speed train, likely a Shinkansen, is stopped at a station platform. The train is white with a prominent red stripe running along its side. The front of the train is aerodynamic with a large windshield. Several passengers are visible on the platform, some with luggage, waiting for the train. The station has a modern, multi-level structure with overhead lighting and tracks visible in the background.

A safe journey for travelers with HD Mobile IP Video Surveillance

- Secure passengers, staff and property
- A more secure transportation environment
- Less vandalism, violence and fraudulent insurance claims
- Real-time access to live and recorded footage

Mobile IP Camera

ViPRO Mobile IP cameras are designed and built for harsh vehicle monitoring environment with high-speed processor and embedded operating system, combining H.264 video encoding technology and network technology. Featuring high-definition (1280x720) image quality, N series support triple streams for optimizing network transmission while the smart design is very convenient for installation and maintenance.

Main features

- ✓ Support HD resolution (1280x720) at 30fps
- ✓ Day/Night (ICR), Digital Noise Filter
- ✓ Super Wide Dynamic Range, Auto White Light Compensation
- ✓ High speed, long distance real time transmission
- ✓ Triple stream technology, phone monitoring
- ✓ IP67 waterproof and dustproof
- ✓ Built-in power loss protection
- ✓ PON(DC 12V) / POE(48V)
- ✓ H.264 audio and video coding standard
- ✓ Support multiple network protocols
- ✓ Ideal for vehicle video surveillance

Models

- N61 (Outdoor Mobile IP camera)
- N62 (Outdoor Mobile IP camera)
- N65 (Outdoor Mobile IP camera)



N61



N62



N65

Vehicle Camera



D55

Mini Metal Dome Camera

- Metal dome housing with fixed lens
- IP66 Waterproof and Vandal-proof
- 1/3" Color SONY SuperHAD II CCD Sensor
- TV lines: 600/700
- IR distance: 15meter (24 LEDs)
- On ceiling or wall, surface or flush mount
- High image quality, low light performance
- Temperature: -20°C~65°C



D58

Waterproof Metal Dome Camera

- IP67 Waterproof and Vandal-proof
- Wide viewing angle (120°)
- 1/3" Color SONY CCD Sensor
- TV lines: 600/700
- IR distance: 10meter (12 LEDs)
- Dual glass in anti-reflection design
- Low power consumption
- Temperature: -25°C~55°C



D57

Mini Metal Dome Camera

- Metal dome housing with fixed lens
- IP66 Waterproof and Vandal-proof
- 1/3" Color SONY CCD Sensor
- TV lines: 600/700
- 2.8mm/3.6mm/6.0mm lens for option
- IR distance: 10meter (12 LEDs)
- Low power consumption
- Temperature: -25°C~65°C



DB50

Waterproof Mini Metal Dome Camera

- Metal-cased IP67 weatherproof
- 1/3" Color SONY CCD Sensor
- TV lines: 600
- IR distance: 8meter (10 LEDs)
- Anti-vibration, vandal resistant
- On ceiling or wall, surface or flush mount
- Temperature: -10°C~50°C



DB51

Mini Metal Dome Camera

- Metal-cased IP67 weatherproof
- For wall and in-ceiling mount
- 1/3" Color SONY Super HAD II CCD Sensor
- TV lines: 600/700
- IR distance: 10meter (10 LEDs)
- 3-Axis camera adjustment
- Auto shutter control (1:100,000sec)
- Temperature: -20°C~70°C



DB52

Mini Metal Dome Camera

- Metal-cased IP66 weatherproof with fixed Fish-eye lens (2.2mm)
- 1/3" Color SONY CCD Sensor
- TV lines: 600
- On ceiling or wall, surface or flush mount
- Anti-vibration, vandal resistant
- Low power consumption
- Temperature: -10°C~50°C

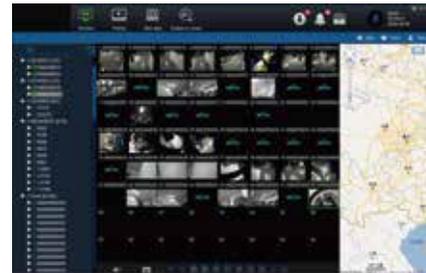
Central Management Software

VMS 2.0 | Remote Fleet Management

VMS2.0 is the all-in-one Central Management Software platform comprised of real-time remote preview, multiple vehicle monitoring, playback analysis of server and local video, evidence management, automatic download, data management, alarm center and etc. The user-friendly Graphical Interface, powerful event archiving and analysis design not only increases the work efficiency but also helps the management to make important decision in light of emergency in different scenarios.

Main features

- ✓ 3G/4G network live view and remote management
- ✓ Realtime GPS locating tracking and route playback
- ✓ Multi-channel display and playback mode
- ✓ Clear display of vehicle, GPS, alarm, log info
- ✓ Intelligent vehicle group management
- ✓ Two-way audio, event filtering
- ✓ Video file backup, edit and playback remotely
- ✓ Auto download video files via WIFI network
- ✓ Evidence report: log file and meta-data analysis
- ✓ Different user level and task management
- ✓ IE Browser support



Remote Monitoring



Intelligent Search



Analysis and Playback



Fleet Management

Accessory



Din-aviation Cable

- 1.5M Din-Jack Cable
- 3M Din-Jack Cable
- 5M Din-Jack Cable
- 7M Din-Jack Cable
- 9M Din-Jack Cable
- 11M Din-Jack Cable
- 13M Din-Jack Cable
- 15M Din-Jack Cable
- 23M Din-Jack Cable



Alarm I/O Box

Alarm I/O Box provides the I/O interface of alarm input & output and speed to realize the functions of alarm test and alarm linkage, etc.



Easy Check

Easy Check is a device management software running in Android tablet. People could manage the MDVR conveniently via the software when it is connected the device through WIFI, which could improve maintenance and management efficiency



Transfer Cable

- Din-aviation connector for security products with 4 pins (video, audio, ground, power) providing the power for cameras
- To transfer the din-aviation signal to be BNC if the cameras for Mobile DVR is BNC connector



6-Axis Sensor

6-Axis Sensor can determine vehicle sharp turns, braking, intense bumps, rollover, fast changing lanes, and S deformation tract by the detecting module and correct these bad behaviors through the management system.



HDD Reader

- Adopts high speed converting core with better reading ability
- Good heat radiation
- Meets HD solution request
- Stable and compact
- For MDVR: MVR-315, MNR-360, MVR-606-2IP, MVR-606-4IP



Serial Expansion Box

- Expand the function of Mobile DVR and integrate more peripherals.
- 1x RS232 input (connect with MDVR)
 - 2x RS232 output (connect external device)
 - 2x RS485 output (connect external device)
 - Wire length: 40cm
 - Temperature: -30°C~75°C

Accessory



7" Control Touch Panel

- 7 inches touch screen display
- Support MDVR diagnosis and operation
- Built-in speakers
- Built-in RFID module to sign in/out
- Resolution at 800x480
- Aspect ratio: 16:9
- Station announcement (manually and automatically)
- Visual angle: 70/70/50/70 (L/R/U/D)



Fireproof Box

- Fireproof Box** is specially designed for anti-fire and anti-explosion to protect the video files in the last minutes of the accidents.
- Resistance to high temperature, protect SD card for 20min in 500°C
 - Waterproof, dustproof, explosion-proof
 - USB interface realizes external mirror recording easily



PON Switch

- PON power supply for Mobile IP Camera
- IP54 Water proof and Dust-proof
- Interface: M12 6 pins (10M/100M+12V+Ground)
- Support wide power input: DC 8~36V
- 7 LED status lights
- Anti-vibration standard: MIL-STD-810F
- Temperature: -40°C-70°C



UPS

When the external power is cut off (MDVR gets the power from battery of the vehicle), the **UPS (Uninterrupted Power Supply)** will support MDVR to continue recording for maximum 15 minutes.



POE Switch

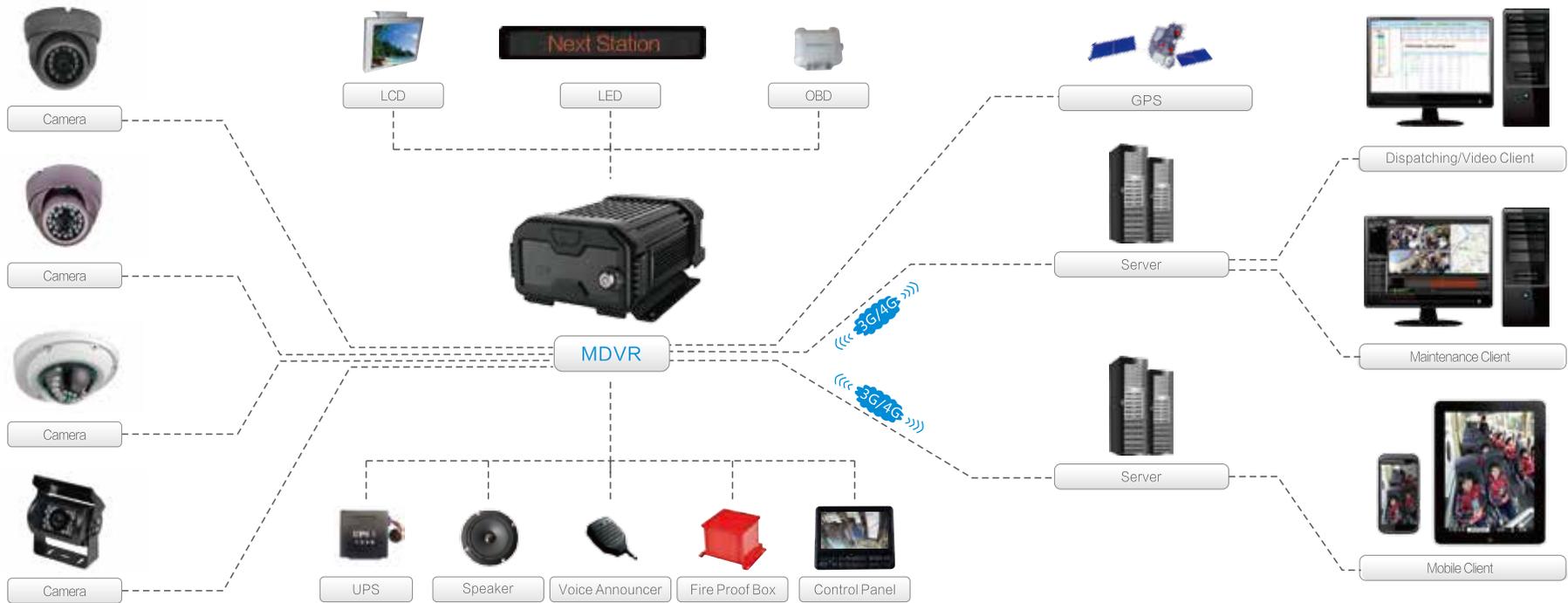
- POE power supply for Mobile IP camera
- IP54 Waterproof and Dust-proof
- Plug and play
- Low power consumption
- Support wide power input: DC 8~36V
- Rugged design, solid structure
- High reliability, advanced shockproof



GDS Display Panel

- GDS** is a mini display device used to remind drivers' driving behavior, including Revving, Idling, Braking, Acceleration, Speed, Curving and N-Taxing.
- Driving behavior reminder
 - Convenient operation
 - Compact size

Public Transport Solution



City Bus

- ✓ Multiple resolution recording
- ✓ Event triggered to detect driver's behavior
- ✓ Pre-recording and post-recording
- ✓ Station announcement/two-way audio
- ✓ Billing system

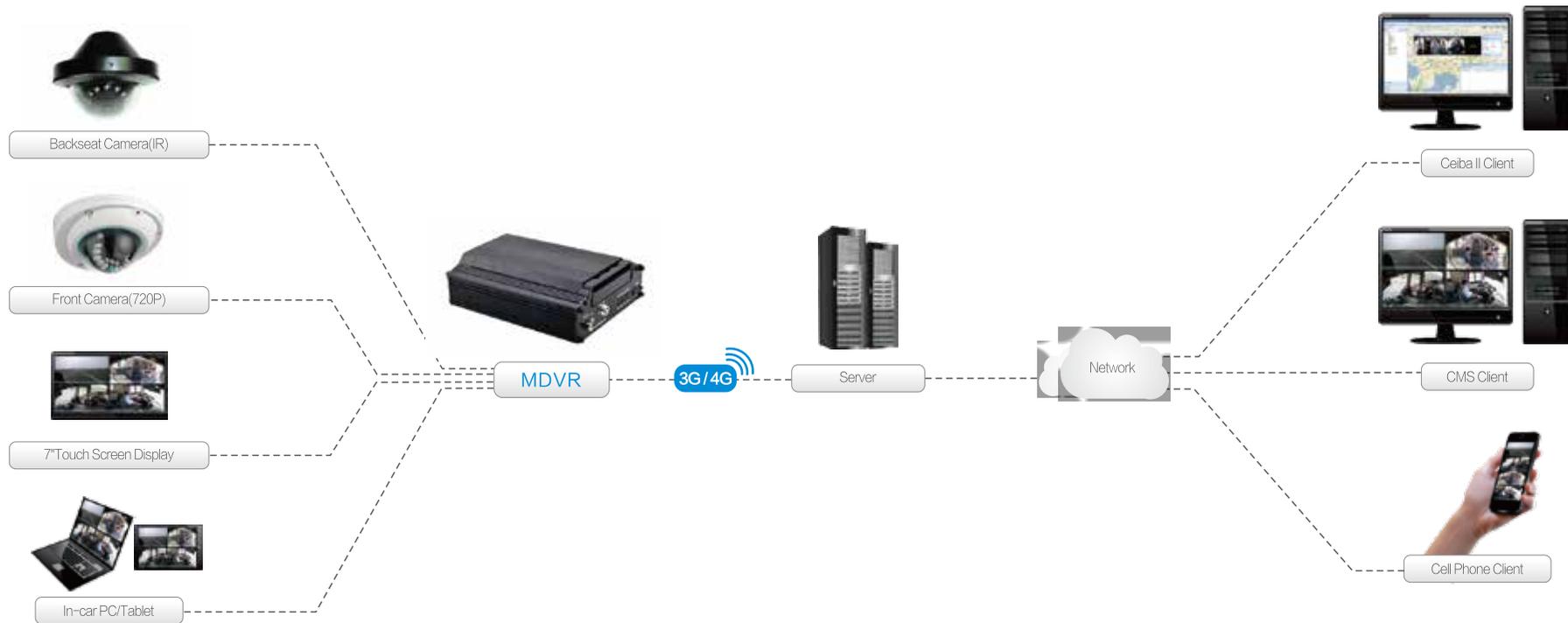
Bus Company

- ✓ Automatic video download via WIFI technology
- ✓ Dual streams for local recording and wireless transmission
- ✓ 3G/4G for live view and remote management
- ✓ GPS for location tracking

Monitoring Center

- ✓ Central monitoring
- ✓ Evidence management
- ✓ User management
- ✓ Geo-fence
- ✓ System dispatch

Fleet Monitoring Solution



Police Car

- ✓ HD mobile surveillance recording
- ✓ Event tags for quick search
- ✓ Solid state drives
- ✓ Pre-recording and post-recording
- ✓ Multiple event trigger for recording
- ✓ WDR camera at superior night vision technology

Police Station

- ✓ Automatic video download via WIFI technology
- ✓ Dual streams for local recording and wireless transmission
- ✓ 3G/4G for live view and remote management
- ✓ GPS for location tracking

Monitoring Center

- ✓ Central monitoring
- ✓ Evidence management
- ✓ User management
- ✓ Self-check and report health status
- ✓ System dispatch



ViPRO Corporation is a professional Mobile Technologies provider specialized in Mobile DVR, Vehicle Camera, Fleet Management solution for mobile surveillance, Body Worn Camera System for law enforcement as well as Automotive Electronics (Collision Mitigation & Avoidance System, Around View Monitoring System, TPMS) for active car safety.

The management team of ViPRO Corporation combines over 15 years of expertise in the convergence of voice, data, and video networks, application and technologies, video surveillance, together with mobility-based connectivity.

ViPRO's business practices offer significant benefits to the diverse customer base including value-added distributors, system integrators, and technology retailers. For customers, ViPRO provides customized solution catering to different vertical market demands, advanced know-how, pre-sales, marketing and technical support services.

For more information, please visit www.vipro.com.tw or e-mail to vipro@vipro.com.tw.

ViPRO CORPORATION
Tel: +886(02)2920-3696
Fax: +886(02)2920-3693
E-mail: vipro@vipro.com.tw

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