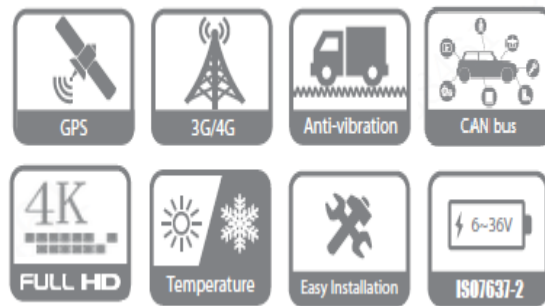


MNVR8104-GFW

4 Channel PoE Mobile Network Video Recorder



- Up to 4 channel with 4K realtime live view
- Support 1 SATA HDDs up to 2TB, 2 USB2.0
- H.265/H.264 dual codec decoding
- Max 200 Mbps recording rate
- 4 channel synchronous realtime playback
- Support IPC UPnP, 4 PoE ports
- Aviation connectors adopted ensuring signal stability
- ONVIF Version 2.3 conformance
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS



System Overview

MNVR8104 is a premium mobile video recorder which can support 4 channel 4K high-definition real-time recording, it can support real-time vehicle location tracking and monitoring, and all the information such as GPS and video can be uploaded by wireless network: 3G/4G/WIFI. This device can also support to connect various accessories, such as card reader, fuel sensor, emergency button. This device can be used in kinds of solutions for different applications, such as city bus/school bus/taxi/police car/train/truck.

Functions

Anti-vibration

Using shock-absorbing material and structure, the new designed hard disk box can cope with varying degrees of vibration, keeping the system work normally all the time.

Wide range of power supply

As the voltage output of vehicle battery changes during driving, the wide range of power supply can protect the device.

3G/4G/WIFI

Embedded with 3G/4G/WIFI module, the device can register into a public network to connect with VMS, and can send all the information(video/audio/alarm/gps) through wireless network.

GPS

Embedded GPS module can receive location information and upload to VMS, and the vehicle can be tracked on the electric map of VMS.

Multiple ports

With kinds of ports, like CAN, RS232, RS485, I/O, the video recorder can connect with various of accessories, such as card reader, fuel sensor, panic button and so on, so that the video, audio, alarm and location information can be uploaded to VMS.

Technical Specification

System

| | |
|------------------|-----------------------------------|
| Main Processor | Dual-core embedded microprocessor |
| Operating System | Embedded LINUX |

Audio and Video

| | |
|-----------------|-------------------------------------|
| IP Camera Input | 4 Channel |
| Two-way Talk | 1 Channel Mic in, 1 Channel Mic out |

Display

| | |
|-----------------|--|
| Interface | 1 VGA |
| Resolution | 1920×1080, 1280×1024, 1280×720, 1024×768 |
| Display Split | 1/4 |
| Privacy Masking | 4 rectangular zones (each camera) |
| OSD | Camera title, Time, Video loss, Camera lock, Motion detection, Recording |

Recording

| | |
|-------------------------|---|
| Video/Audio Compression | H.265/H.264 G.711/PCM |
| Resolution | 4K/5MP/3MP/1080P(1920×1080)/720P(1280×720)/ D1(704×576/704×480)/HD1(352×576/352×480)/ 2CIF(704×288/704×240)CIF(352×288/352×240)/ QCIF(176×144/176×120) |
| Record Rate | Max 200 Mbps |
| Bit Rate | 48~8192Kb/s |
| Record Mode | Manual, Schedule(Regular(Continuous), MD, Alarm), Stop |
| Record Interval | 1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec |

Video Detection and Alarm

| | |
|-----------------|--|
| Trigger Events | Recording, PTZ, Tour, Alarm out, Email, FTP, Snapshot, Buzzer & Screen tips |
| Video Detection | Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank |
| Alarm input | 6 channel |
| Relay Output | 2 channel (contain 1 control +12V) |

Playback and Backup

| | |
|-------------------|--|
| Playback | 1/4 |
| Search Mode | Time/Date, Alarm, Motion Detection & Exact search (accurate to second), Smart search |
| Playback Function | Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom |
| Backup Mode | USB Device/Network/Internal HDD |

Storage

| | |
|--------------|----------------------------------|
| Internal HDD | 1 SATA Port, Up to 2 TB capacity |
| Memory Slot | 1 SD card |

Network

| | |
|------------------|---|
| Ethernet | 1 RJ-45 Port (10/100/1000 Mbps) |
| PoE Port | 4 ports(IEEE802.3af/at) |
| Wireless Network | Built-in 3G/4G/Wi-Fi module(optional) |
| Positioning | GPS(optional) |
| Network Function | TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server |
| Max. User Access | 128 users |
| Smart Phone | iPhone, iPad, Android, Windows Phone |

Auxiliary Interface

| | |
|-------|--|
| USB | 2 Ports , USB 2.0 |
| RS232 | 2 Ports, for PC Communication and Keyboard |
| RS485 | 1 Port, for PTZ Control |
| CAN | Support |
| Gyro | Support |

Electrical

| | |
|-------------------|-------------------|
| Power Supply | DC 6V~36V |
| Power Consumption | 13W (without HDD) |

Environmental

| | |
|---------------------|--|
| Working Environment | -30°C (heater optional)~+60°C / 10%~95%RH / 86~106kpa |
|---------------------|--|

Construction

| | |
|-------------------|------------------|
| Dimensions(W×D×H) | 180mm×210mm×50mm |
| Weight | 3kg (with HDD) |

Certifications

| | |
|---------|-----|
| CE | FCC |
| ISO7637 | |

Dimensions (mm)

