

# DH-MNVR1104

# 4 Channel Mobile Network Video Recorder



- Up to 4 channel with 1080P realtime live view
- H.264 dual-stream video compression
- VGA/TV simultaneous video output
- Support 1 SATA HDD, 2 USB2.0
- Aviation connectors adopted
- ONVIF Version 2.3 conformance
- Multiple monitoring: Web viewer, CMS(DSS) & DMSS





















## **System Overview**

MNVR1104 is a premium mobile video recorder which can support 4 channel 1080P 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 accessorie, such as card reader, fuel sensor, emergency button. It has already pass EN50155/E-mark/ISO16750 in order to meet the requirements of mobile use. 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.

#### GP9

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.system), so that the video, audio, alarm and location information can be uploaded to VMS.

Recording  Video/Audio Compression H.264/G.711A  Record Rate Max 100 Mbps  Bit Rate 48~8192Kb/s  Record Mode Manual, Schedule(Regular(Continuous), MD, Alarr 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, Email, FTP, Buzzer & Screen tips  Video Detection Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank  Alarm input 7 channel  Relay Output 2 channel  Playback and Backup  Playback 1  Search Mode Time/Date, Alarm, Motion Detection & Exact sear (accurate to second)  Play, Pause, Stop, Rewind, Fast play, Slow play, Ne file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom  Backup Mode USB Device/Network  Storage  Internal HDD 1 SATA Ports, Up to 2 TB capacity	<b>Technical Specification</b>	
Operating System  Audio and Video  IP Camera Input  4 Channel  Two-way Talk  1 Channel Input, 1 Channel Output, RCA  Display  Interface  1 VGA, 2 TV  Resolution  1920×1080, 1280×1024, 1280×720, 1024×768, 800×600  Display Split  1/4  Privacy Masking  4 rectangular zones (each camera)  OSD  Camera title, Time, Video loss, Camera lock, Motio detection, Recording  Record Rate  Max 100 Mbps  Bit Rate  48*8192Kb/s  Record Mode  Manual, Schedule(Regular (Continuous), MD, Alarra Stop  Stop  Wideo Detection and Alarm  Trigger Events  Recording  Video Detection  Motion Detection, MD Zones: 396(22×18), Video loss, Camera Blank  Alarm input  7 channel  Playback and Backup  Playback and Backup  Playback Function  Backup Mode  Stop  Stop  Play, Pause, Stop, Rewind, Fast play, Slow play, Ne ffull, Preven, Repeat, Shuffle, Backup selection, Digital zoom  Backup Mode  Stopage  Internal HDD  1 SATA Ports, Up to 2 TB capacity	System	
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IP Camera Input  Two-way Talk  Display  Interface  1 VGA, 2 TV  Resolution  Display Split  1/4  Privacy Masking  4 rectangular zones (each camera)  OSD  Camera title, Time, Video loss, Camera lock, Motidetection, Recording  Recording  Video/Audio Compression  H.264/G.711A  Record Rate  Max 100 Mbps  Bit Rate  48~8192kb/s  Record Mode  Manual, Schedule(Regular(Continuous), MD, Alarr Stop  Video Detection and Alarm  Trigger Events  Recording  Video Detection  Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank  Alarm input  7 channel  Relay Output  Playback  Playback  Playback Function  Backup Mode  USB Device/Network  Storage  Internal HDD  1 SATA Ports, Up to 2 TB capacity	Operating System	Embedded LINUX
Two-way Talk  Display  Interface  1 VGA, 2 TV  Resolution  1920×1080, 1280×1024, 1280×720, 1024×768, 800×600  Display Split  1/4  Privacy Masking  4 rectangular zones (each camera)  OSD  Camera title, Time, Video loss, Camera lock, Motivatection, Recording  Recording  Video/Audio Compression  H.264/G.711A  Record Rate  Max 100 Mbps  Bit Rate  48*8192Kb/s  Record Mode  Manual, Schedule(Regular(Continuous), MD, Alarris Stop  Post-record: 10*300 sec  Video Detection and Alarm  Trigger Events  Recording, PTZ, Tour, Alarm, Email, FTP, Buzzer & Screen tips  Video Detection  Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank  Alarm input  7 channel  Relay Output  2 channel  Playback and Backup  Playback Alarm, Modion Detection & Exact sear (accurate to second)  Play, Pause, Stop, Rewind, Fast play, Slow play, Ne file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom  Backup Mode  USB Device/Network  Storage  Internal HDD  1 SATA Ports, Up to 2 TB capacity	Audio and Video	
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Loss & Camera Blank  Alarm input  7 channel  7 channel  Playback and Backup  Playback  1  Search Mode  Playback Function  Playback Function  Backup Mode  USB Device/Network  Storage  Internal HDD  1 SATA Ports, Up to 2 TB capacity	Trigger Events	
Relay Output  2 channel  Playback and Backup  Playback  1  Search Mode  Time/Date, Alarm, Motion Detection & Exact sear (accurate to second)  Play, Pause, Stop, Rewind, Fast play, Slow play, Ne file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom  Backup Mode  USB Device/Network  Storage  Internal HDD  1 SATA Ports, Up to 2 TB capacity	Video Detection	
Playback and Backup  Playback  1  Search Mode  Playback Function  Play	Alarm input	7 channel
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Storage Internal HDD 1 SATA Ports, Up to 2 TB capacity	Playback Function	Full screen, Repeat, Shuffle, Backup selection,
Internal HDD 1 SATA Ports, Up to 2 TB capacity	Backup Mode	USB Device/Network
	Storage	
CD count	Internal HDD	1 SATA Ports, Up to 2 TB capacity
1 SD card, Up to 128 GB	SD card	1 SD card, Up to 128 GB

	Network	
	Ethernet	RJ-45 Port (10/100 Mbps)
	PoE Port	4 ports(IEEE802.3af/at)
	Wireless Network	Built-in 3G/4G/Wi-Fi module(optional)
	GPS	Built-in high accurate GPS module(optional)
	Network Function	TCP/IP, UDP, DHCP, DDNS, FTP, Email, Alarm Server
	Max. User Access	128 users
	Smart Phone	iPhone, iPad, Android
	Auxiliary Interface	
	USB	2 Ports (1 rear), USB 2.0
	RS232	1 Port, for PC Communication and Keyboard
	RS485	1 Port, for PTZ Control
	CAN	Support
	Heater	Optional
	G-sensor	Support
	Electrical	
	Power Supply	DC 6V~36V
	Power Consumption	<15W (Without HDD)
	Environmental	
	Operating Conditions	-30°C (with heater)~ +60°C (+14°F ~ +131°F)

Operating Conditions	-30°C (with heater)~ +60°C (+14°F ~ +131°F)
Storage Conditions	-30°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH

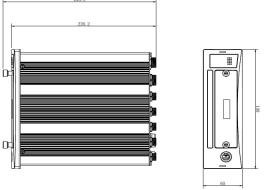
# Construction

Dimensions	178mm×220mm×50mm (7.0" x 8.7" x 2.0")
Net Weight	2.1kg (4.6 lb) (without HDD)

## Certifications

CE	FCC
EN50155	ISO16750
E-mark	

# Dimensions (mm)



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