

# DHI-MXVR4104-GCW/GFW(Ecuador exclusive)

## 4 Channels H.265 1 HDD Mobile Video Recorder



### System Overview

MXVR4104 is the new generation of mobile video recorder, it uses H.265 technology and the advantages are lowering the transmission bandwidth and saving the storage. It can support 1080P high-definition real-time recording, real-time vehicle location tracking and monitoring and the face detection. All the information such as GPS and video can be uploaded via wireless network: 3G.

It has already passed EN50155/ISO16750 in order to meet the requirements of mobile use. This device can be used in many kinds of solutions for different applications.

### 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/Wi-Fi

Embedded with 3G/Wi-Fi 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. Even when the device is offline, it can upload the information after it's online again 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.

### Highlights

- Supports penta-brid(HDCVI/AHD/TVI/CVBS/IP) video input
- Supports H.265/smart H.265 video compression
- Supports 4 channels 1080P realtime recording
- VGA/TV simultaneous video output
- Supports 1 HDD and 1 SD card
- Supports face detection
- Aviation connectors adopted
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS



### Technical Specification

#### System

Main Processor	Embedded microprocessor
Operation System	Embedded LINUX

#### Video and Audio

Input	4 channels HDCVI/AHD/TVI/CVBS (Don't support audio in when connecting AHD/TVI cameras) + 4 channel 4MP IPC
Two-way talk	1 channel Input, 1 channel Output

#### Display

Interface	1 VGA, 2 TV
Resolution	800x600
Display Split	1/4/8/9
Privacy Masking	4 rectangular zones (each camera)
OSD	Channel name, time, GPS, license No.

#### Recording

Video Compression	H.265/smart H.265 /H.264/smart H.264
Audio Compression	G.711A/G.711U/PCM
Resolution	4 ch@1080P realtime recording
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1-120 min (default: 60 min), Pre-record: 1-30 sec, Postrecord: 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(PAL:22x18,NT SC:22x15), Video Loss & Tampering
Alarm input	9 channels,Alarm1-8 are local alarm input, Alarm 9 is pulse input.
Alarm Output	2 channels,1 relay out, 1 Controllable 12V out

**Playback and Backup**

Playback	1 channel
Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second)
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

**Storage**

Internal HDD	1 HDD
SD card	1 SD card, Up to 256 GB

**Network**

Ethernet	1 RJ-45 Port (10/100Mbps) and 1 6-pin aviation connector
Wireless Network	Built-in 3G modules
3G (UMTS)	3G (1900 MHz)
GPS	Built-in high accurate GPS module
Network Function	TCP/IP, UDP, DHCP, FTP, Email, Alarm Server
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android

**Auxiliary Interface**

USB	3 USB 2.0
RS232	2 Ports
RS485	1 Port

**Electrical**

Power Supply	DC 6V~36V
Power Consumption	<8.4W (Without HDD)

**Environmental**

Operating Temperature	-30°C (with heater)- +70°C (-22°F – +158°F)
Operating Humidity	10 – 90% RH

**Construction**

Dimensions	180 mm x 190 mm x 50 mm (7.0' x 8.7' x 2.0')
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Net Weight(without HDD)	1.92Kg (4.23 lb) (without HDD)
Gross Weight	2.83Kg (6.24 lb)

**Certifications**

CE	FCC
EN50155	ISO7637-2
ISO16750	BIS

**Dimensions (mm[inch])**

