

# DH-MXVR6212

8+4 Channel 2 HDD Mobile Video Recorder



- Support penta-brid(HDCVI/AHD/TVI/CVBS/IP) video input
- H.264 dual-stream video compression
- Support 12(8+4) ch 1080P realtime recording
- VGA/TV simultaneous video output
- Support 2 HDD, 2 USB3.0
- Aviation connectors adopted
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS



## System Overview

MXVR6212 is the first mobile XVR which adopts the HDCVI/AHD/TVI/CVBS/IP signal, it can support 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 accessories, such as card reader, fuel sensor, emergency button. It has already pass EN50155/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.

### 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 Embedded microprocessor

Operating System Embedded LINUX

### Video

Input 8+4 channel

Standard Analog:NTSC(525Line), PAL(625Line)  
HDCVI:1080P HDCVI camera  
IPC:1080P IPC

### Audio

Input 12 channel aviation connector, 1 external audio input

Output 1 channel

Two-way talk 1 channel Input, 1 channel Output

### Display

Interface 1VGA, 2TV

Resolution 1920×1080, 1280×1024, 1280×720, 1024×768, 800×600

Display Split 1/4/8/9/12

Privacy Masking 4 rectangular zones (each camera)

OSD Camera title, Time, Video loss, Camera lock, Motion detection, Recording

### Recording

Video/Audio Compression smart264/H.264/G.711

Record rate Main stream:12 ch@1080P(1~25/30fps)  
Sub stream:D1(1~6/8fps)/CIF(1~25/30fps)

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, Email, FTP, Buzzer & Screen tips

Video Detection Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank

Alarm input 7 channels

Pulse input 2 channels

Relay Output 2 channels

### Playback and Backup

Playback 4

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 2 HDD

SD card 1 SD card

## Network

Ethernet RJ-45 Port (10/100Mbps)

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 3 Ports (1 rear), 2 USB 3.0

RS232 2 Ports, for PC Communication and Keyboard

RS485 2 Ports, for PTZ Control

CAN Support

Heater Optional

## Electrical

Power Supply DC 6V~36V

Power Consumption <12W (Without HDD)

## Environmental

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 180mm×190mm×50mm (7.0" x 8.7" x 2.0")

Net Weight 2.65kg(whole package)

## Certifications

CE FCC

EN50155 ISO16750

EN45545-2

## Dimensions (mm)

