dahua
TECHNOLOGY

MXVR1004
4 Channels Penta-brid Mobile Video Recorder

· Support penta-brid(HDCVI/AHD/TVI/CVBS/IP) video input
· Support H.265/smart H.265 video compression
· Support 4 channels 1080P preview
· Support 2 SD card
· Support face detection
· Aviation connectors adopted
· Multiple monitoring: Web viewer, CMS(DSS) & DMSS

GPS | 3G/4G | Anti-vibration | Fanless | G-sensor

1080p FULL HD | Temperature | Easy Installation | 6~36V ISO7637-2

System Overview

MXVR1004 is the new generation of mobile video recorder, it uses H.265 technology and the advantages are lowering the transmission bandwidth and saing 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/4G/WIFI.
It has already passed EN50155/ISO16750 in order to meet the requirements of mobile use.This device can be used in 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/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. 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 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.
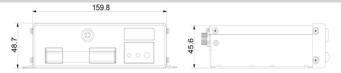
Technical Specification

System

Main Processor	Embedded microprocessor
Operating System	Embedded LINUX

Video and Audio

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

Display

Interface	2 TV (1 aviation connector)
Resolution	800×600
Display Split	1/4/6
Privacy Masking	4 rectangular zones (each camera)
OSD	Channel name, time, GPS, license No.

Recording

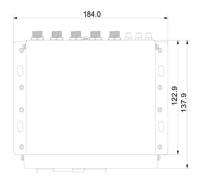|	
Video Compression	H.265/smart H.265 /H.264/smart H.264
Audio Compression	G.711A/G.711U/PCM
Resolution	4 ch@1080P realtime recording
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec

Video Detection and Alarm

Trigger Events	Recording, PTZ, Tour, Alarm, Email, FTP, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones:396(PAL:22×18,NTSC:22×15), Video Loss & Tampering
Alarm Input	7 channels, Alarm 1-Alarm 6 are the local alarm inputs.Alarm 7 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

SD card	2 SD cards, Up to 256 GB each

Network

Ethernet	RJ-45 Port (10/100 Mbps)
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 USB 2.0
RS232	1 Port
RS485	1 Port
Heater	Optional

Electrical

Power Supply	DC 6V~36V
Power Consumption	6.7W (Without HDD)

Environmental

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

Construction

Dimensions	138mm×160mm×49mm(5.4" x 6.3" x 1.9")
Net Weight (without HDD)	0.97Kg(2.13 lb)
Gross Weight	1.75Kg(3.86 lb)

Certifications

CE	FCC
EN50155	ISO7637-2
ISO16750	BIS

Dimensions (mm)