EmPower Mobile Series

MPVR-P12-2VA-G3























8+4 Channel 2 HD Mobile Video Recorder

Features

- 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, 1 SD card backup, 2 USB3.0
- Aviation connectors adopted
- Multiple network monitoring: Web viewer, Unisight VMS

System Overview

This series is the first mobile PVR which adopts the HDCVI/AHD/TVI/CVBS/IP signal, it can support 1080P high-defnition real-tme recording, it can support real-tme 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/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.

3**G**

Embedded with 3G module, the device can register into a public network to connect with VMS.

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

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Display Split 1/4/8/9/12 Privacy Masking 4 rectangular zones (each camera) 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), Store and 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 9 channels, Alarm 1–7 represent local alarm input; 8 and 9 represent pulse input. Alarm Output 2 channels, 1 relay out, 1 Controllable 12V out Playback 4 Search Mode Time/Date, Alarm, Motion Detection & Exact search (accurate to second) Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Play Pause, Stop, Rewind, Fast play, Slow play, Next file, Play Pause, Stop, Rewind, Fast play, Slow play, Next file, Play Pause, Stop, Rewind, Fast play, Slow play, Next file, Play Pause, Stop, Rewind, Fast play, Slow play, Next file, Play Pause, Stop, Rewind, Fast play, Slow play, Next file, Play Pause, Stop, Rewind, Fast play, Slow play, Next file, Play Pause, Stop, Rewind, Fast play, Slow play, Next file, Play Pause, Stop, Rewind, Fast play, Slow play, Next file, Play Pause, Stop, Rewind, Fast play, Slow play, Next file, Play Pause, Stop, Rewind, Fast play, Slow play, Next file, Play Pause, Stop, Rewind, Fast play, Slow play, Next file, Play Pause, Stop, Rewind, Fast play, Slow play, Next file, Play Pause, Stop, Rewind, Fast play, Slow play, Next file, Play Pause, Stop, Rewind, Fast play, Slow play, Play Pause, Stop, Rewind, Fast play, Slow play, Play Pause, Stop, Rewind, Fast play, Slow play, Play Pause, Stop, Rewind,	Technical Specification		
Operating System Video Input 8+4 channel Analog:NTSC, PAL HDCV:1080P HDCVI camera IPC:1080P IPC Audio Input 8 channels aviation connector+2 channels pickup Output 1 channel aviation connector+1 channel audio talk 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 Video/Audio Compression Record rate Main stream:12 ch@1080P(1°25/30fps) Sub stream:D1(1°6/8fps)/CIF(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), Store record: 10°300 sec Video Detection and Alarm Trigger Events Video Detection Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank Alarm input 9 channels, Alarm 1—7 represent local alarm input; 8 and 9 represent pulse input. Alarm Output Playback 4 Search Mode Time/Date, Alarm, Motion Detection & Exact search (accurate to second) Play Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screer Repeat, Shmfle, Backup selection, Digital zoom Backup Mode USB Device/Network Storage Internal HDD 2 HDD	System		
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Input 8+4 channel Analog:NTSC, PAL HDCVI:1080P HDCVI camera IPC:1080P HDCVI camera IPC:1080	Operating System	Embedded LINUX	
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Internal HDD 2 HDD	Backup Mode	USB Device/Network	
	Storage		
SD card 1 SD card	Internal HDD	2 HDD	
	SD card	1 SD card	

Network		
Ethernet	RJ-45 Port (10/100Mbps)	
Wireless Network	Built-in 3G module	
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	
21430133		

Dimensions_(mm)

