

PRO SERIES VR-HYBRID-Mobile-4H-GFW



4 Channels H.265 1 HDD Mobile Video Recorder



Key Features

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

Overview

VR-HYBRID-Mobile-4H-GFW is the new generation of mobile video recorder, it uses H.265 technology and the advantages are lowering the transmission bandwidth and saving 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 many kinds of solutions for different applications.

Function

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

Specifications

SYSTEM	
Main Processor	Embedded microprocessor
Operating System	Embedded LINUX
AUDIO AND VIDEO	
Input	4 channels HDCVI/AHD/TVI/CVBS (Does not support audio in AHD/TVI cameras) + 4 channel 4MP IPC
Two-way Talk	1 channel Input, 1 channel Output
DISPLAY	
Interface	1 VGA, 2 TV
Resolution	800 x 600
Display Split	1/4/8/9
Privacy Masking	4 rectangular zones (each camera)
OSD	Channel name, time, GPS, license No.
RECORDING	
Audio Compression	H.265/smart H.265 /H.264/smart H.264
Record Rate	G.711A/G.711U/PCM
Bit Rate	4 ch@1080P real-time 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:22x18, NTSC:22x15), Video Loss & Tampering
Alarm Input	9CH, Alarm1~8 are local alarm input, Alarm 9 is pulse input.
Relay Output	2 channels, 1 relay out, 1 Controllable 12V out

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PLAYBACK AND BACKUP	
Playback	1
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/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 USB 2.0
RS232	2 Ports
RS485	1 Port
Heater	Optional
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	180mm×190mm×50mm (7.0" x 8.7" x 2.0")
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

