MVR9304-4GW

MOBILE DIGITAL VIDEO RECORDER
4G GPS 4CH

Product Features

- Accept HDD/SSD up to 4 TB Storage, and 1 SD card (up to 512GB) for backup
- Support GPS, 4G and Wi-Fi (5.8 Ghz)
- Support an integrated 3 axis accelerometer (G-Sensor) and 3 axis gyroscope, to detect crash, harsh breaking, acceleration and cornering
- WIFI automatic download
- Anti-Vibration and Anti-Shock under acceleration of 40G (MIL-STD-810G standard)
- Hard drive automatic heating startup in -40ºC weather
- On board UPS 8 seconds delay power-off for data protection
- Operating temperature -40ºC up to +SOºC
- 8V-36V wide voltage power supply

1080P   GPS Positioning   Panic Button

Monitor Remotely   Speed Sensor   Mileage Sensor

Video & Audio

Video Input	4 channels 1080P AHD / 960P AHD / 720P AHD / 960H /D1 /CIF + 1 channel IPC (720P /1080P) Video input
Video Output	3 Channels (Front Panel 3.5mm Jack, Rear Panel on 24pin 1/0 Port & VGA 1080P)
Video Display	Single picture, 1~5 pictures
Signal System	PAL / NTSC (PAL@100 frame 1080P/sec; NTSC@120 frame 1080P/sec)
Image Compression	H.264/H.265
Audio Input	4 Channels
Audio Output	2 Channels (Front Panel 3.5mm Jack, Rear Panel on 24pin I/O Port)
Record Format	Synchronized A/V recording

Recording & Storage

Image Resolution	CIF / HD1 / D1 / 960H / 720P / 1080P optional
Video Coding	ISO14496-10 Industry Standard
Video Bit Rate	CIF: 1536Kbps ~128Kbps, HD1/D1: 2048Kbps ~400Kbps, 960H: 2048Kbps ~400Kbps, 720P:4096Kbps ~400Kbps 1080P:4096Kbps ~400Kbps Select from 8 Levels of Video Image Quality ranging from 1(Highest) to 8(Lowest)
Audio Bit Rate	40Kbps
Storage	Up to 4TB HDD/SSD and 1 SD card for backup up to 512GB

Alarm

Alarm Input	8 Channels, Select Trigger for either less than 1VDC or greater than 5VDC
Alarm Output	1 Channel, 12V output

Description

Mobile DVR / Car DVR (with 3G, 4G, GPS, Wi-Fi) for vehicle real time monitoring, applied with Car Cameras used for vehicle monitoring in bus, taxi, school bus, truck, police car, tour bus, tanker truck, escort car, etc. Operated with Client Software BMMS (Bolide Mobile Management Software) to realize fleet management online, and achieve a full range of car monitoring functions such as real time video & audio monitoring, GPS, car tracking, GEO-Fence, voice intercom, car temperature, alarms customized , driving route record, PT2 control, fuel volume detection, video search and download, generating reports, etc.

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System

Language	English / Chinese
Operation Interface	Graphical User Interface (OSD menu)
Password Security	2 Levels: Administrator & User
Int'l Standard GPS	Internal GPS module. Real-time geographic coordinates, speed information
Internal G-Sensor + Gyroscope	Support an integrated 3 axis accelerometer (G-Sensor) and 3 axis gyroscope, to detect crash, harsh breaking, acceleration and cornering.
PC Playback	A/V, GPS, Mapview, Speed, G-Sensor, etc. files available for playback on PC. Limited playback is also available on MVR
BMMS	Wireless (require Wi-Fi or cellular Option) real-time A/V monitoring, GPS, alarms, etc.
Software Upgrade Local or Remotely	Upgrade through the front USB 3.0 or remotely via BMMS platform
Voltage Input	8~36V DC Please check operational voltage of vehicle prior to the installation of the MVR and its accessories to prevent possible damage
Voltage Output	12V (+/-0.2V), Max 3A
ACC Detection	≤4V Power-off ≥6V Power-on
Video Input Resistance	75Ω
Video Output Voltage	2VP-P CVBS output analog signal, screen input requires 75Ω resistance
I/O Port	<1V Low voltage trigger >5V High voltage trigger
Operational Temperature	-40°C up to 80°C Install in well ventilated area, protected from moisture, heat, dust and vibration
Dimensions	170x142x50mm Including Security Cover 170x187x50mm

Communication Ports

RS485	1 Port for PTZ control or Data Device usage
RS232	2 Ports for communication or data usage
RJ45 Network	1 Port of RJ45(100M Ethernet port), For connection to an IP camera with maximum of 1080P
Speed	1 Channel (Optional, shared with the port IO /IN 8)
CAN	1 Channel (Optional, shared with the port IO /IN 6/7)

Wireless Communication

3G/4G	Supported
Wi-Fi	Internal Wi-Fi 802.11b/g/n/ac optional