**BOLIDE®**
TECHNOLOGY GROUP

## Product Features

**Option 1** Support 2 channels 1080P AHD (DSM & ADAS) + 2 channels 1080P AHD / 960P AHD / 720P AHD / 960H /D1 /CIF + 1 channel IPC (720P /1080P) Video input

**Option 2** 4 channels 1080P AHD / 960P AHD / 720P AHD / 960H /D1 /CIF + 1 channel IPC (720P / 1080P) Video input

• 4 channels synchronized A/V recording and playback
• Secure Recording to Lockable 2 SD Cards - 512GB total storage capacity
• Internal G-Sensor, with GPS, 4G and Wi-Fi (5.8 Ghz)
• 1 WIFI Antenna (download speed up to s~10Mb/s)
• On board UPS 8 seconds delay power-off for data protection
• 8V-36V wide voltage power supply

## Video & Audio

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|---|---|
| **Video Input** | 1 channel IPC (720P /1080P) Video input<br>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 I/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

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|---|---|
| **Image Resolution** | CIF / HD1 / D1 / 960H / 720P / 1080P optional |
| **Video Coding** | ISO14496-10 Industry Standard |
| **Video Bit Rate** | CIF: 1536Kbps ~128Kbps,<br>HD1/D1: 2048Kbps ~400Kbps,<br>960H: 2048Kbps ~400Kbps,<br>720P:4096Kbps ~400Kbps<br>1080P:4096Kbps ~400Kbps<br>Select from 8 Levels of Video Image Quality ranging from 1(Highest) to 8(Lowest) |
| **Audio Bit Rate** | 40Kbps |
| **Storage** | 2 SO Card Slots, Up to 512GB each, Class 10 or higher |

## Alarm

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

1080P  GPS Positioning  Panic Button

Monitor Remotely  Speed Sensor (55)  Mileage Sensor

## Description

MVR9304SD-4GW comes with GPS which gives you the option of recording the location and driving route together with the videofootage. The DVR can be connected to a monitor so that you can view the cameras in real time in addition to recording themand allows you to view each camera independently ar all together in a split view.

The footage records anta two SD cards each with a 512GB capacity giving you a total of 1TB of storage capability. With asolid and compact build, the MVR9304SD-4GW is vibration-proof, installation-friendly and combines powerful functions together with astable performance.

## System

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| **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 SD card or remotely via IVMS 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<br>≥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<br>>5V High voltage trigger |
| **Operational Temperature** | -40°C up to 80°C<br>Install in well ventilated area, protected from moisture, heat, dust and vibration |
| **Dimensions** | 170x142x50mm<br>Including Security Cover 170x187x50mm |

## Communication Ports

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|---|---|
| **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

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