

# Mobile DVR



## MobileMule™ Hybrid 8 Channel Mobile DVR With GPS Tracking And Live Video Recording (Hard Drive)

### 5520-Hybrid Series

The MobileMule™ 5520 Hybrid Series is a mobile DVR series designed for on-board vehicle recording. It has four ports to record up to four cameras simultaneously and four ethernet port to connect four IP cameras. The system comes with GPS to record the vehicle location and driving route as well. Footage records onto an included Western Digital 1TB hard drive with backup recording (128GB) onto 1 SD card (sold separately). With a solid and compact build, the MobileMule™ 5520 Hybrid Series is vibration-proof, installation-friendly and combines powerful functions together with a stable performance.

The DVR features live remote viewing via a Wifi hotspot in the vehicle or 4G network. Perfect for fleet tracking (can be used as a GPS tracker) and fleet management this DVR allows you to easily view and download footage even while the vehicle is on the road!

The DVR can be connected to a monitor so that you can view the cameras in real-time in addition to recording them and allows you to view each camera independently or all together in a split view.



- 4-Channel video inputs and 4 Ethernet Ports for IP Camera
- GPS

- Wifi + 4G
- Hard Drive – Up to 2TB
- SD Capacity – 128GB

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### 5520-Hybrid Series

#### Improves Productivity

Know exactly where your drivers are and what they are doing at all times.

#### Supports up to 8 Cameras

Can connect and record up to four cameras (in addition to four IP cameras), records eight channels simultaneously.

#### Connect to Monitor

to view all cameras connected in addition to recording them. Allows all trigger functions of a regular backup camera system.

#### GPS Tracking

Records speed, location and exact driving route together with footage. Seamless integration with Google Maps.

#### GEO Fencing

Allows you to set a route and will alert you on playback if vehicle deviated off route.

#### Loop Recording

Records camera feeds continuously, looping over oldest recordings when storage is full.

#### Loop Recording

Can trigger certain recorded footage as events to be overwrite protected.

#### G-Sensor

Recognizes sudden movements i.e. hard acceleration, sudden stops, speeding and impacts. Can set alerts to keep these recordings as events.

#### Flash Storage

Footage records onto an included Western Digital 1TB 2.5" Hard Drive with backup recording onto 1 SD card (sold separately) with a storage capacity of 128GB.

#### H.264 Video Compression

High quality compression allows the greatest quality video in the smallest storage space.

#### Delay Power Off

Up to 24 hour power off delay. To record footage even after the vehicle is shut off.

#### Live remote viewing

DVR connects to 4G Network or WiFi hotspot in vehicle. View and download footage remotely while vehicle is on the road.

DVR	
Language	English/Chinese
Operation Interface	Graphical User Interface (OSD menu)
Password Security	2 Levels: Administrator & User
Video Input	8 Channels (4 x CIF/HD1/D1/960H/720P Camera Video Inputs & 4 x Ethernet Ports for 1.3MP IP Cameras)
Video Display	Single Picture 1~4 Pictures
Signal System	PAL/NTSC (PAL@200 Frames 720/sec; NTSC@240 Frames 720P/sec)
Image Compression	H.264 Main Profile
Audio Input	4 Channels
Audio Output	2 Channels (Front Panel 3.5,, Jack, Rear Panel on 24pin I/O Port)
Record Format	Synchronized A/V recording
Image Resolution	CIF / HD1 / D1 / 960H / 720P Optional
Video Coding	ISO 14496-10 Industry Standard
Video Bit Rate	CIF: 128Kbps ~ 1536Kbps - HD1/D1: 400Kbps ~ 2048Kbps - 960H: 400Kbps ~ 2048Kbps - 720P: 400Kbps ~ 4096Kbps
Audio Bit Rate	40Kbps
Storage	Up to 1TB HDD/SSd and 1 SD card for backup up to 128gb
Alarm Input	8 Channels, Select Trigger for either less than 1VDC or greater than 5VDC

Alarm Output	1 Channel, 12V output
Communication Ports	RS485 / RS 232 / RJ45 Network / USB
GPS	Internal GPS module. Real-Time geographic coordinates, speed information
WiFi	Internal WiFi 802.11 b/g/n (2.4 / 5.8 Ghz) optional
G-Sensor	Supports 3 Axis motion Detection with user set ranges, for X, Y and Z coordinates
Voltage Input	+8~+36V (Please check operational voltage of vehicle prior to the installation of the MVDR to prevent possible damage)
Voltage Output	12V (+/- 0.2V), Max 3A
ACC Detection	≤4V Power-off - ≥5V Power-on
Video Input Resistance	75Ω
Video Output Voltage	2Vp-p CVBS output analog signal, screen input requires 75Ω resistance
I / O Port	5V - High Voltage Trigger
Operational Temperature	-40°C ~ +80°C - Install in well ventilated area, protected from moisture, heat, dust and vibration
Dimensions	192mmx184mmx61mm - Including security Cover: 248mmx184mmx61mm
Software Upgrade	Upgrade through the front USB 2.0 or remotely via CMS/IVMS platform