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, PTZ control, fuel volume detection, video search and download, generating reports, etc. APP is available for mobile phones in Android and iOS system.

Features

- ❖ 4 channels synchronized A/V recording and playback
- ❖ 4 x 720P AHD or 4 x 960H / D1 / HD1 / CIF + 1 x IPC (720P / 1080P)
- ❖ Accept 2 SD Cards Storage, up to 128GB each
- ❖ Internal G-Sensor, with GPS, 4G FDD and Wi-Fi (5.8 Ghz)
- ❖ Dual Wi-Fi Antennas (3MB/s)
- ❖ On board UPS 8 seconds delay power-off for data protection
- ❖ 8V-36V wide voltage power supply

Function		Performance
System	Language	English / Chinese
	Operation Interface	Graphical User Interface (OSD menu)
	Password Security	2 Levels: Administrator or User
Video	Video Input	Supports 4 channels CIF/HD1/D1/960H/720P AHD camera Video input
		Supports 2-CH 720P AHD + 2-CH 960H analog mixing Video input
		Supports 1-CH 720P/1080P IPC + 4-CH 960H/D1/CIF Video input
		Note: 4 channels 720P AHD or 1-CH 720P/1080P IPC + 4-CH 960H Video input will require high speed SD card (>80Mb/S, Class 10 or higher)
	Video Output	2 Channels (Front Panel 3.5mm Jack, Rear Panel on 24 pin I/O Port)
	Video Display	Single picture, 1~5 pictures
	Signal System	PAL / NTSC (PAL@100 frame 720P/sec; NTSC@120 frame 720P/sec)
	Image Compression	H.264 Main profile
Audio	Audio Input	4 Channels
	Audio Output	2 Channels (Front Panel 3.5mm Jack, Rear Panel on 24 pin I/O Port)
	Recording Format	Synchronized A/V recording
Recording & Storage	Image Resolution	CIF / HD1 / D1 / 960H / 720P optional
	Video Coding	ISO14496-10 Industry Standard
	Video Bit Rate	CIF: 1536Kbps ~ 128Kbps,
		HD1/D1: 2048Kbps ~ 400Kbps,
		960H: 2048Kbps ~ 400Kbps,
		720P:4096Kbps ~ 400Kbps
		Select from 8 Levels of Video Image Quality ranging from 1 (Highest) to 8 (Lowest)
	Audio Bit Rate	40Kbps
	Storage	2 SD Card Slots, Up to 128GB each, Class 10 or higher
Alarm	Alarm Input	8 Channels, Select trigger for either less than 1VDC or greater than 5VDC
	Alarm Output	1 Channel, 12V output
Communication Ports	RS485	1 Port for communication or data usage
	RS232	2 Port for communication or data usage
	RJ45 Network	1 Port of RJ45. For connection to an IP camera with maximun of 1080P
Wireless Communication*	3G*	3G (HSUPA / HSDPA / WCDMA / EVDO / TD-SCDMA) optional internal module
	4G*	(TDD-LTE / FDD-LTE) optional internal module to match local cellular carrier
	Wi-Fi*	Internal Wi-Fi 802.11b/g/n (2.4 / 5.8 Ghz) option
GPS*	Int'l Standard GPS*	Internal GPS module. Real-time geographic coordinates, speed information
G-Sensor	Internal G-Sensor	Supports 3 Axis Motion Detection with user set ranges for X, Y and Z coordinates
Software	PC Playback	A/V, GPS, Mapview, Speed, G-Sensor, etc. files available for playback on PC. Limited playback is also available on MDVR
	BMMS	Wireless (requires 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	8~36VDC Please check operational voltage of vehicle prior to the installation of the MDVR and its accessories to prevent possible damage.
Voltage Output	12V	12V (+/-0.2V) , Max 3A
ACC Detection	≤4V	Power-off
	≥6V	Power-on
Video Input Resistance	75Ω	75Ω
Video Output Voltage	2Vp-p	2VP-P CVBS output analog signal, screen input requires 75Ω resistance
I / O Port	<1V	Low voltage trigger
	>5V	High voltage trigger
Operational Temperature	-25°C ~ 75°C	Install in well ventilated area, protected from moisture, heat, dust and vibration
Dimensions	170x142x50mm	Including Security Cover 170x187x50mm