

## Mobile NVR

Mobile DVR with 3G, 4G, GPS and/or Wi-Fi connectivity for vehicle real time monitoring with an array of cameras available such as front and rear-view cameras, in-cab monitoring as well as Fatigue monitoring cameras. Functionality includes real time video & audio monitoring, GPS Tracking, GEO-Fence monitoring and alarms with custom reporting. Mobile App also available for monitoring & communication purposes.



### Specifications

System	Language	English / Chinese/Hungarian/ others optional
	Operating Interface	Graphical menu operation interface (OSD menu)
	Password Security	Permissions setting of administrator & user
Video	Video Input	Support 4 channels CIF/HD1/D1/720P/1080P AHD camera Video input Support 8-ch 1080P/720P AHD/D1 analog mixing Video input
	Video Output	1 channel (1 in the 24pin connector)
	Video Display	Single picture, 1~8 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	1 channel (1 in the 24pin connector)
	Record Format	Synchronized video & audio recording
Recording & Storage	Image Resolution	CIF / HD1 / D1 / 960H / 720P/1080P optional
	Video Coding	ISO14496-10 CIF: 1536Kbps ~ 128Kbps, HD1/D1: 2048Kbps ~ 400Kbps,
	Video Bit Rate	960H: 2048Kbps ~ 400Kbps, 720P:4096Kbps ~ 400Kbps 8 grades of image quality optional, Grade1 as best, Grade8 as lowest
	Audio Bit Rate	8 kbps
	Storage	Up to 2TB HDD/SSD and 1 SD card for backup (at 3G/4G model option)
Alarm	Alarm Input	8 channels, alarm activated by low voltage (<1V) or high voltage (>5V)
	Alarm Output	2 channel, 12V output 1A
Communication Ports	RS 485	RS485×2
	RS 232	RS232×2
	RJ45 Network	1 x RJ45
	USB	2 x USB 2.0 ports, Front USB port to download video files & upgrade firmware

Wireless Communication	3G	3G wireless transmission module, WCDMA, CDMA2000, TD-SCDMA system optional (optional), Compatible with GPRS, EDGE
	4G	Built-in 4G (TDD-LTE / FDD-LTE) module optional
	Wi-Fi	Built-in Wi-Fi optional
GPS	Built-in GPS module. Real-time geographic coordinates, speed information	
G-Sensor	Built-in G-Sensor	
Software	PC Playback	Video files playback in PC with analysis of the vehicle status
	CMSV6	Wireless real-time video & audio monitoring, GPS, alarms, etc.
Software Upgrade	Upgrade through the front USB2.0 & hard disk	

## Electrical Specifications

Voltage Input	+8~+36V	8V~54V (please to ensure of safe voltage of vehicle before use; operation over 36V for long time will cause damage to the MDVR)
Voltage Output	12V	12V(+/-0.2V), Max 3A
ACC Detection	≤4V	power-on
	≥5V	power-off
Video Input Resistance	75Ω	75Ω at each video input resistance
Video Output Voltage	2Vp-p	2VP-P CVBS output analog signal, screen input requires resistance 75Ω
I / O port	<1V	low voltage alarm
	>5V	high voltage alarm
Operating Temperature	-40°C~80°C	With adequate airflow
Dimension	199 (W) mm x 76 (H) mm x 190 (L) mm	
Weight	4ch MDVR:3.2kg; 8ch MDVR:3.5kg	
Power Consumption	12V 2.58A; 24V 1.3A	

