

Car Radio Standard Size 12~48VDC

2X SD port
for BackUP
only



4Ch Mobile DVR 25fps/CIF/Ch or 6fps/D1/Ch

MG-DVR Mobile DVR with GPS system

M-DVR Mobile DVR



HDD-2.5"



Black: Ground
Yellow:12~48VDC (16W)
Red: Ignition (connect to Yellow)



Power

Alarms
In/Out

RS485
Green A(+)
Blue B(-)



Video IN x4 / Audio in x4
Video OUT x2 /Audio OUT x2



GPS Antenna

Power Indicator
+5VDC



Model	M-DVR	MG-DVR	
System			
Main Processor	High performance embedded microprocessor		
Operating System	Embedded LINUX		
User Interface	GUI, on-screen menu tips		
Control Device	USB mouse, IR remote control		
External Interface	2 USB2.0 ports, 2 RS232 ports, RS485 port, 2 RJ45 ports (10/100M), Alarm input and output (4 input and 2 output)		
Storage Device	Main memory: removable 2.5" SATA HDD Auxiliary memory: Support 2 SD cards Backup: USB storage device		
Video			
Video Input	4 channel, BNC, 1.0Vp-p, 75?		
Video Output	2 channel TV output, BNC, 1.0Vp-p, 75?		
Video Standards	PAL(625Line, 50f/s), NTSC(525Line, 60f/s)		
Real-time Live Display	Resolution: D1: 704x576(PAL)/720x480(NTSC)		
Video Compression	H.264, Dual streams		
Video Resolution	Format	D1(4CIF)	2CIF
		NTSC	PAL
	CIF	704 X 480	704 X 576
	QCIF	704 X 240	704 X 288
		352 X 240	352 X 288
		176 X 120	176 X 144
Video Recording	D1/2CIF/CIF/QCIF: PAL 1f/s~25f/s, NTSC 1f/s~30f/s		
Audio			
Audio Input	4 channel, BNC, 200-2800mV, 20KΩ		
Audio Output	2 channel, BNC, 200-3000mv, 1KΩ		
Audio Out S/N Ratio	High than 75dB		
Audio Compression	PCM, Sampling frequency: 8KHz, Sampling bits: 16bit		
Network			
Wireless	Support CDMA/GPRS/EDGE, WLAN		
GPS	N/A	Support	
Remote application	Real-time monitor, snapshot, recording search, system configuration		
Others			
Vibration-proof	5Hz~300Hz: X / Y / Z every direction 8 hours.		

	5Hz~11Hz: vibration amplitude 10mm, 11Hz~300Hz: 50m/s ²
Electromagnetic compatibility	GB 13837-2003
Power Supply	+12V / +24V / +42V (+8V~+60V)
Rated Current	≤1A (including HDD)
Starting Current	≤1.5A
Power consumption	<15W (including HDD)
Working Temperature	-10 ~+60 (general HDD)
Working Humidity	10%~95%
Dimension	1DIN: 200mm×178mm×50mm
Weight	2.1KG including HDD

Features

Compact Size: 1 DIN size (standard size of CD player in car), mobile industry standard

Power Adapter: professional mobile-voltage power supplies, with the function of over-voltage protection, under-voltage protection, short-circuit protection and over-current protection

High Anti-vibration Design: unique built-in shock absorption in HDD box design of the industry, comprehensive program of mechanical shock protection, electronic shock absorption and integration of software anti-seismic shock patents

No Fan Design: it effectively eliminates the disadvantage of noise, storing dust easily, water penetration, high power consuming, high temperature of fan

Removable HDD: removable and pluggable professional anti-seismic design can lock, move, facilitate data management, direct connect to computer to operate

Quick Backup: pluggable hard disk, USB HDD backup, network backup

Convenient Operation: remote control, mouse, keyboard, PTZ controller and use special extension line to do remote operation

Watermark Technology: it can prevent modifying data and guarantee the truth of record

Wide Range of Information: plate number, time, channel title, alarm, GPS info, speed can be set up video overlap and info records

Powerful Alarm Functions: records, pop up, alarm logs, alarm info and various types, including the motion monitoring, video loss, video shielding and temperature abnormal, voltage abnormal, over-speed, buzzer alarm

Dual-backup Feature: SD card dual-backup of video and logs triggered by alarm

Comprehensive Network Features: dual-network ports, realize dual-stream encoding of network self-adapting, continuous transmission after breaking, remote video surveillance, downloads, picture snapshots, remote alarm and network check, network settings, remote maintenance and other functions