

4CH 1080P H265 HDD Mobile DVR (MR9704E)



FEATURES:

- Built-in high-performance chipsets, coded with H.265 standard, high compression rate and image quality
 - AHD/TVI/CVI/IPC/ANALOG/IPC five in one video input, wide compliance
 - 4+1 live preview and storage
 - 1CH synchronized AV output, 1CH VGA output
 - Hard Disk Auto-Heating (Optional)
 - Support UPS power input
 - Built-in G-sensor, monitor the driving habit
 - Reverse Assistance
- Adjust the camera image horizontally and vertically

Power:

- Professional In-Vehicle power design, 8-36V DC Wide Voltage Range
- Multiple protection circuits like under-voltage, short, reversed plug-in
- Smart power management system, shutdown under low voltage, low consumption when standby
- Report the GPS info to the server regularly with very low power consumption, compliant with JT/T794-2011 standard

Data Storage:

- Built-in super capacitor to avoid data loss and disk damage caused by sudden outage
- Special file management system to encrypt and protect the data
- Proprietary technology to detect the bad track of the disk which can make sure the continuity of video and long service life of the disk
- Support 2.5 inch HDD/SSD, maximum 4TB
- Support SD card storage, maximum 512GB

Transmission Interface:

- Support GPS/BD/GLONASS optional, high sensitivity, fast positioning
- Support wireless download by WiFi, 802.11b/g/n, 2.4GHz
- Support 3G/4G transmission, LTE/HSUPA/HSDPA/WCDMA/EVDO/TD-SCDMA

Technical parameter:

Item	Device Parameter	Performance
System	Operating System	Embedded Linux OS
	Operating Language	Chinese/English/Russian
	Operating Interface	GUI, Support mouse and remote control
	Password Security	Two Layer password Admin/User
Audio & Video	Video standard	PAL/NTSC
	Video compression	H.265
	Image resolution	1080P/720P/960H/D1/CIF
	Playback quality	1080P/720P/960H/D1/CIF
	Compound mode	A variety of ways
	Decoding ability	1ch 1080P real time
	Recording quality	Class 1-6 optional
	Image display	Single/QUAD display optional
	Audio Compression	G.726
	Audio recording	Audio & Video synchronized recording

Recording & Playback	Recording mode	Manual/Alarm
	Video bit rate	Full frame 4096Mbps, 6 classes image quality optional
	Audio bit rate	8KB/s
	Storage media	SD card + HDD/SSD storage
	Video inquiry	Inquiry by channel/Recording type/Alarm Type
	Local playback	Playback by channel, time
Firmware upgrading	Upgrading mode	Manual/Automatic/Remote/Emergency Recovery
	Upgrading method	USB disk/Wireless network/SD card/Hard disk
Interface	AV input	4ch 4pin aviation + 1ch 6pin aviation for IPC
	AV output	1ch VGA video output, 1ch aviation AV output
	Alarm input	4 digital inputs (4Positive/Negative trigger)
	HDD/SSD	1 HDD/SSD (up to 4TB, support hot plug/unplug)
	SD card	1 SDXC High speed card (up to 512GB)
	USB interface	1 USB 2.0 (support U disk/mouse)
	Ignition input	1 ACC signal
	UART	1 LVTTTL Level
	LED Indication	PWR/RUN
	Ethernet	1 x 6 pin aviation to RJ45 (10M/100M) 500mA@12V
	Disaster Recovery	1 x 5PIN aviation interface
	Disk lock	1
	Debug port	1
Function Extension	GPS/BD/GLONASS	Support detecting antenna Plug in/Unplug/Short circuit

	2G/3G/4G	Supports CDMA/EVDO/GPRS/WCDMA/FDD LTE/TDD LTE
	WIFI	802.11b/g/n, 2.4GHz
Others	Power input	8V~36V DC
	Power output	5V 300mA
	Power consumption	Standby3mA Maximum consumption18W @12V 1.5A @24V 0.75A
	Working temperature	-20 --- 70°C
	Storage Size	1080P 0.75G/h/channel 720P 0.58G/h/channel 960H 0.37G/h/channel
	Dimension	162mm*153mm*52mm