

HDVR9804F

General Introduction

The HDVR Mobile HDD video recorder is a compact, full-featured recording system that uses a hard disc as a storage device. The recorder unit and associated accessories are specifically designed for operation in a mobile environment.

The Mobile HDD video record system, used in conjunction with the cameras, records up to 4 channels of full-motion video and audio data to a removable hard disc. The firmware-driven menu system provides a simple method for configuring the unit's operation as well as searching for and viewing previously recorded AV records.

1.1 Video And Audio

High Profile video compression, real time recording 30 fps. Frame rate adjustable for each channel.

Audio compression: G.711 codec. This codec offers high compression with high quality audio.

4 channels 1080P resolution for analog camera.

1.2 Power Management

Reliable power management, wide voltage: +12VDC~+32VDC; The power input is protected against short positive transient (1500 watts peak pulse power capability with a 10x1000 us waveform); The power input is protected against negative voltage. Applicable for vehicles with +12V or +24V battery.

The recorder provides each camera with stable +12V DC power; DVR can detect the short cut on power circuit.

Can use ignition to control the power.

DVR can monitor battery voltage after Ignition off, and auto into sleep mode when voltage is bellow specified level.

1.3 Recording Mode

Continuous record.

Support schedule recording.

Support alarm recording.

Support alarm pre-recording and post-recording.

Support motion detection recording.

1.4 GPS Time Synchronization & Time Zone

Synchronize the DVR system time with GPS automatically

Support All Time Zones Worldwide

Support DST (Daylight Saving Time)

1.5 Speed And vehicle status recording

Record vehicle speed and car id with audio and video.

Support 3 sensors, can be connected to speed, ignition, brake, return, right turn, left turn light etc

Over-speed alarm and trigger recording with separated files

1.6 Hard Disk

Support hard disk up to 6T. Please note, the inside height of the hard disk case is 10.2mm, please select the hard disk whose height is less than 9.5mm.

1.7 SD Card

Support SDHC card within 32GByte.

Support SDXC card more than 64GByte (Maxim 2048GByte)

Support hot-plug when the DVR system is not recording or remote-operation(remote copying or playing back)

Note: If you remove the SD card while recording or operating (remote copying or playing back), it might cause the damage of the files on SD card. While recording, the yellow light on the front panel will be on. So please stop recording or operating until the yellow light is off if you need to remove the SD card.

1.8 Multiple Player Supported

VLC media player (version1.0.0 or above);

Storm player (Version 2009 or above);

Winamp (Version 5.531 or above).

Picture		
Model		HDVR9804F
SYSTEM	OS	Linux 4.9.138
	Booting Time	<20 s (From Powered on to start recording)
	Language	Chinese/English/Russian
	UI	GUI
Video	Video Input	Maximum for 4x 1080p Analog/AHD cameras
	Video Output	2 Video Output (1 HDMI output, 1 CVBS output, HDMI is optional)
	Record Mode	Auto Record, Schedule Record, Alarm Record
	Fram rate	85fps@1080p
	Preview	Support FullScreen/Dual View/Quad View
	Record File	Record video and audio at same time
Audio	Audio Input	4 audio input(built in the camera)
	Audio Compression	PCM (According to the type of camera)
Video Process	Record resolution	Support 1920x1080/1280x720/960x540(According to the type of camera)
	Bite Rate	100 ~ 8000 kbps for each camera
	Storage	Support up to 6TB hard disk,one up to 256G SD card. SD card can be used as backup storage for hard disk when hard disk error
Alarm	Alarm Input	3 alarm sensors input, 1 ignition input, 1 panic button alarm, 1 G-Sensor alarm
	Alarm Output	1 beeper, Alarm OSD
	Event	Video Loss Event, Over Speed Event, G-Sensor Event, Storage Event, Motion Detection Event, Panic button Event
	RS485	One RS485 port

Communication	RS232	One RS232 port (For GPS)
	RJ45	One RJ45 port, 100M network
	USB	One USB, can be used for mouse, USB stick
Network	Protocol	TCP/IP
	WIFI	Optional, Build in 802.11b/g/n AP, speed up to 300Mbps
	3G/4G	Optional, build in 3G/4G(HSUPA/HSDPA/WCDMA/EVDO/TD - SCDMA/FDD -LTE/TDD-LTE)
Location	GPS	Location feature is optional, Support GPS/GLONASS/BEIDOU , recording location, speed, live tracking
G-sensor	G-sensor	Support for three-axis motion detection
Firmware	Fram rate	Recording frame rate: 1 ~ 30fps selectable for each camera
	License ID	Support
	Camera Name	Support
	OSD	Display and record time, license ID, camera name, location, speed
	Over Write	Support
	Playback	Support play back, file listed by time or alarm
	Playback Speed	Support from 1/32 to 32
Software	hPlayer	Player software, play multiple cameras together, can also play the encrypted file
	CMSV6	Used for 4G/3G model only, support live view/live tracking/historical track/remote upgrade etc
Maintain	Firmware Upgrade	Can use hard disk/USB disk/SD card/remote upgrade via 4G
Power	Power Input	12 ~ 32VDC
	Power Output	11.5V/1.5A (4 channels)
ACC	<4.5V	Ignition Off
	>6.2V	Ignition On
Working	Working Temperature	-25 ~ 55°C

Condition	Working Humidity	5% ~ 93%
Other	Time	Internal clock, can synchronize with GPS
	Dual bit stream	Two different bit stream for recording and live streaming via 4G/3G
	Power Protection	Protect power from short cut, over load and error connection
	Default	Can set to default setting
	Light Indicator	Light Indicator for power, run, alarm, network, record, system
	Size	162.3x133.0x30.2 mm
	Weight	About 0.55kgs