4CH Mobile DVR, 3G/WIFI/GPS optional

Model: MDVR-408

Features:

1. H.264 main profile Video compression format; Support 1 to 4 channels video input.

2. Adopt 10bit video decoder processor to ensure picture quality, and each video channel is attached with an independent video decoder.

3. Industrial grade design: all electronic components conform to industrial standard through the entire design, including the special connectors dedicated for mobile DVR.

4. Built-in GPS, G-sensor (both optional).

5. Built-in wireless module 3G (EVDO, HSPA, HSDPA), Wi-Fi (all optional).

6. Support IP calls function (optional).

7. G.726 audio compression, 4CH audio input, 1CH audio output.

8. DVR works for another 10 to 15 sec after power off.

9. Real time recording: 100f/s (PAL); 120f/s (NTSC).

Recording resolution: CIF/ 2CIF/ D1 optional, maximum support 2CH D1 + 2CH CIF.

10. 6CH alarm input (Level input), 1CH alarm output (Relay output)

11. RS232 interface for remote control; RJ45 10M/100M Ethernet port.

12. Recording mode: power up, alarm, timed and manual recording.

13. ASF video file format. Customized software supports 1 channel or 4 channels synchronous playback.

14. Storage: Maximum 1pcs of 2.5" hard disk with removable HDD housing plus 1pcs 32 GB SD card. Support HDD heater function, SD card connector imported from Japan

15. Quick start-mode: the device will turn to working in 25 sec after power on. Other start- or close- mode including ACC on, timed turn on/off, manual boot/shutdown the device.

16. Voltage supply range is from 8V to 36V, the DVR is compatible with the most of vehicles. Power output is 12V/1.5A.

17. Energy- efficient design, the power consumption is less than 5W with normal operating state.

18. Anti-vibration and anti-high temperature protection guarantees the quality of video files.

19. Operating temperature: -25℃ to +70℃

20. All materials and PCB production conform to RoHs standard.

Note:

1. This DVR-408 is able to support 3G, WIFI, GPS, G-Sensor(optional)

2. Quotation is not including any modules above by default.

3. The DVR unit doesn't include any SD cards or HDD in quotation.

Specifications:

Function	Item	Description
Recording System	Channel	4 channels
	Resolution	Support CIF、 HD1、 D1 resolution, compatible with 2CH of D1 & 2CH of CIF. fps: 1 to 25f/s/ch adjustable (PAL) or 30f/s/ch (NTSC) .
	Video Quality	1-4 levels, 1 is the highest level and 4 is the lowest level.
	OSD	Overlays information such as date time and vehicle ID
	SD card REC	Support two SD card recycle recording. Automatically switch to the other one when the first SD card was full, and the data will be automatically overwritten .
	Recording Mode	The default setting is auto recording after power on. Timed recording and alarm recording are supported.
	Preview	Support 1 channel and 4 channels preview.
	Disk Data overwrite	Support SD cards overwritten function.
Playback System	Video Search	Search video files anytime per day, type(n/a) and target SD card.
	Playback	Support 1 to 4 channels playback.
		Support forward and backword play at the speed of: x 2, x4, x8, and x16.
GUI	Graphical Use Interface	Setup system parameters with the remote control.
Alarm	Input	Support up to 6 channels alarm input.
		Pre-record 10 seconds ahead of the alarm. Record duration after alarm can be set in system
	Output	Support up to 1 channels alarm output, level signal.
Optional Function	GPS	GPS module can be built-in, the GPS info will be recorded synchronous
	Network	RJ45 Ethernet port.

		DVR supports several wireless modules such as 3G and WIFI
	G Sensor	G-sensor is available and optional
Others	Power Settings	System auto power on/off: 1,Vehicle acc on/off---system auto power on after acc on, system power off according to the delay time (up to 240min, default 5min) after acc off. 2, Preset time---Only according to time preset table.
	Power-off protection	With the power-off protection, all data can be saved safely and the recording can be closed normally after power failure.

Technique Parameters:

System	
Processor/System	Hisilicon Hi3512 H.264 main profile Linux(2.6)
Security	Two level password protections for administrators and users
Video/Audio& Alarm	
Video Input/Output	Input: 4 CVBS, 1.0Vp-p, 75Ω; Output: 1 CVBS, 1.0Vp-p, 75Ω
Video Stream Standard	Standard ISO14496-10
Revi Function	1 channel or 4 channel revi mode
Audio Input/Output	Input: 4 channel Output: 1 channel
Audio Recording	Synchronized with video
Audio Compression	G.726 5KB/s
Alarm Input/Output	6 channels input;1 channel output
Video Recording	
Recording Resolution	D1/HD1/CIF, MAX:2 channels of D1 and 2 channels of CIF
Record Quality	1-4 levels, 1 is the highest level and 4 is the lowest level.
Record Mode	Default: Auto Record. Other modes: Timed and Alarm Record (Optional)
Record Storage	Maximum support one 32GB SD card and one 2.5 inch hard disk.
Record Search	Search Video Record according to record time, record mode and record storage
Record Playback	Max support 4 channels playback synchronous.
Others	
Communication	RS232 interface for remote control; RJ45 10M/100M Ethernet port.
Wireless Transfer	Built-in 3G (WEVDO,CDMA200,TD-SCDMA) or optional GPRS,WIFI and EDGE

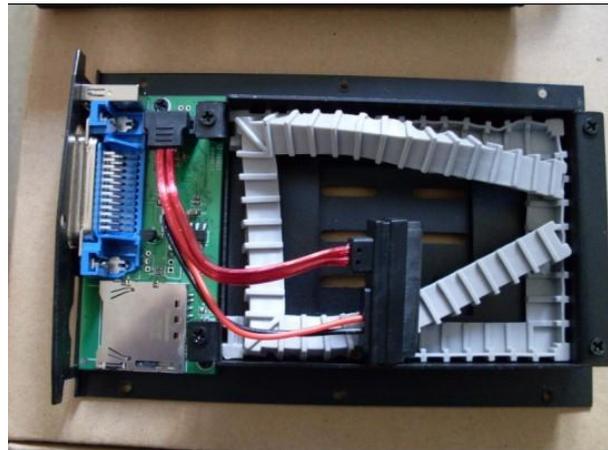| Module	GPS and G-Sensor optional
Temperature/Humidity	Normal Temperature: 0℃ ~ +50℃ Heater: -25℃ ~ +50℃ Humidity: 20% to 80%

GPS Antenna (optional, not included in quotation):

3G Antenna (optional, not included in quotation):

WIFI Antenna (optional, not included in quotation):

Product images:

3G remote live streaming monitoring (3G is optional):