

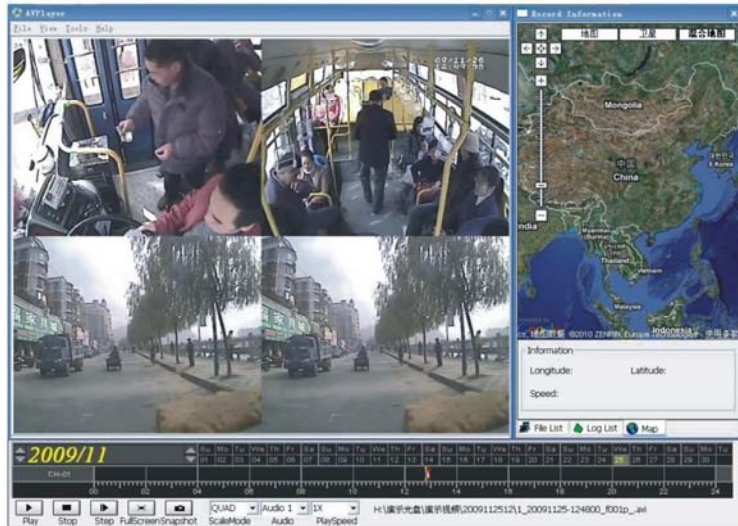
★ **HIGHLIGHT FEATURES**

- Advanced H.264 High Profile technology for video compression at lower bitrate.
- Higher video resolution for each channel.
NTSC: D1, 704x480 / PAL: D1, 704x576
- Stable recording. Use SD card for storage, hot-swappable.
- Standard AVI file format and FAT32 file system, compatible with third party player.
- Reliable power management, wide voltage: +8VDC ~ +40VDC.
- Multiple way for convenient and fast file searching by date/time with user friendly interface.
- Compact size & lightweight for easy installation



★ **PLAYBACK SOFTWARE:**

Friendly user interface allows easy file search for the alarm recording. File search by date/time is also available. 16X fast forward for fast & easy view. Track the record video with google map.



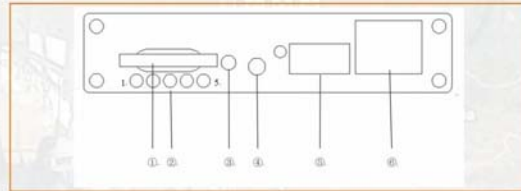
★ **MAIN FEATURES**

1. High video quality based on H.264 High Profile compression.
2. High resolution recording, up to mega-pixel for 4 channel(1280x1024) and D1 resolution for 1 channel (NTSC: 720x480).
3. USB Port connect thumb Drive / External HDD storage.
4. Compact size & lightweight, much easier for installation.
5. Support from 8VDC to 40VDC, applicable for 12VDC and 24VDC vehicles.
6. The recorder provides each camera with stable +12V DC power; DVR can detect the short cut on power circuit.
7. Can use ignition to control the power. Configurable power timer after ignition is off.
8. Automatic, Event Trigger, Schedule or Motion Recording options.
9. Can record speed with audio and video. Support overspeed alarm.
10. Support 3 sensors, can record brake, return, right turn, left turn light status into the record file.
11. External GPS allows for vehicle tracking and location with video and audio.
12. Use avi format for record file. Compatible with different player software.
13. Support FAT32 file system, record file can be read directly on Windows, Linux.
14. Motion detection and the sensitivity can be adjusted.
15. Play the recorded AVI files back using the unit connected to TV/Computer or if using the SD card, plug directly into your PC.
16. Date and time stamp records onto footage.



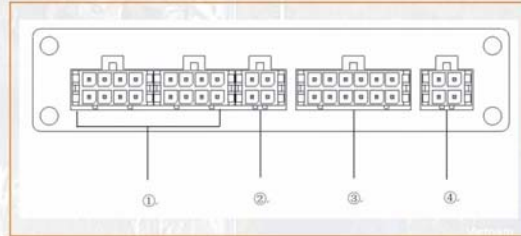
★ FRONT PANEL

- ①: SD Card
- ②: Status Light
- ③: Stop Button
- ④: LAN Port
- ⑤: USB Port
- ⑥: Network Port



★ REAR PANEL

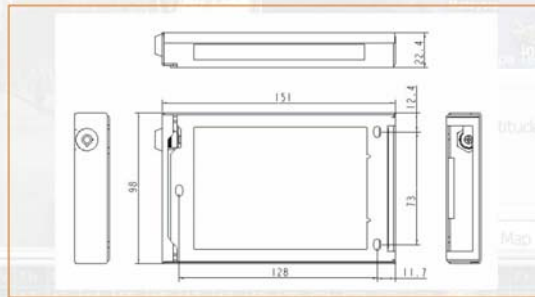
- ①: Video Input, Audio Input, Camera Power
- ②: Video Output
- ③: Sensors
- ④: Power Input



★ PRODUCT SCHEME(mm)



★ SCHEME OF THEFTPROOF CASE (mm)



★ SPECIFICATION

ITEM	1-Channel	2-Channel	4-Channel	
VIDEO	VIDEO INPUT	1-Channel		
	VIDEO OUTPUT	1channel, 1.0V, p-p, 75Ω , BNC		
	VIDEO FORMAT	Support PAL/NTSC		
	VIDEO COMPRESSION	H.264 High Profile		
	RECORD RESOLUTION	704x480(NTSC)	1248x416(NTSC)	1248x832(NTSC)
	FRAME RATE	30fps(NTSC)	60fps(NTSC)	120fps(NTSC)
VIDEO BITRATE	660Kbps ~ 1.5Mbps, 4 level video quality	1.32Mbps ~ 3Mbps, 4 level video quality	1.98Mbps ~ 4.5Mbps, 4 level video quality	
AUDIO	VIDEO INPUT	1-Channel		
	AUDIO INPUT FORMAT	20KΩ, RCA		
	AUDIO OUTPUT	1 channel, 500Ω, RCA		
	AUDIO LEVEL	1V ~2V, p-p		
	AUDIO COMPRESSION	G.711		
STORAGE	STORAGE	SD card, external USB device (memory stick or hard drive)		
	FILE FORMAT	AVI		
INTERFACE	SENSORS	1 speed sensor, 1 ignition sensor, 3 sensors for brake, return etc.		
	COM PORT	2 RS232 port, 1 RS485 port		
	NETWORK	Rj45, 10M/100M Ethernet		
	GPS	Support GPS receiver(optional), can record GPS information along with video and audio. GPS data format: NEMA0183, Baudrate: 4800bps		
SOFTWARE	PLAYER	Specially designed player for the DVR		
	THIRD PARTY SOFTWARE	Windows Media Player (Ver11.0 or above) , VLC Media Player(Ver 1.0.0 or above)		
POWER	INPUT POWER	From +8VDC to +40VDC		
	POWER OUTPUT	DC, +12V@1.5A, +5V@1A		
	POWER COMSUMPTION	Working power: <5W, Strand by power: 0.1W (exclude camera, monitor)		
OTHER	WORKING TEMPRETURE	From -10℃ ~ +60℃		
	SIZE	115mmx92mmx20mm		
	WEIGHT	0.3kgs		