



Part No.: CH-HDVR004

1080P 4 Channel High Definition SD Card Video Recorder

1080P High Definition SD Card Video Recorder



MAIN FEATURES

1. High video quality based on the H.264 High Profile.
2. 1080P High Definition resolution recording. The maximum resolution for each channel is 1920*1080 .
3. Compact size, much easier for installation.
4. Support from 8VDC to 32VDC, applicable for 12VDC and 24DC vehicles.
5. The recorder provides each camera with stable +12V DC power; DVR can detect short or open circuit on power circuit.
6. Recording starts on Ignition ON. Power delay timer after ignition is off keeps recording after Ignition OFF
7. Supports automatic recording, event trigger record, scheduled recording.
8. Can record vehicle speed. Supports overspeed alarm.
9. Supports 3 input sensors, can record brake, return, right turn, left turn light status into the record file.
10. Uses AVI format for record file. Compatible with standard software (Windows, VLC etc.).
11. FAT32 file system, record files can be read directly from Windows, Linux.

Standard Accessory

	1080P 4 Channels SD Card Video Recorder, 1 pc
	Lock Box, 1 set
	Signal Cable, 1 pc
	Power Input Cable, 1 pc
	Fuse, 1 set
	Wi-fi Antenna, 2 pcs

Optional Accessory

	GPS Receiver
	LANC Cable for Panic Button, IR Receiver
	Emergency Backup Power
	Digital AV Extension Cable
	1080P High Definition Mini Camera without IR
	1080P High Definition Night Vision Rear-View Camera
	1080P High Definition Night Vision Dome Camera

Specifications		
Model		CH-DVR004
System	Operating System	Linux 2.6
	Start up Time	25 seconds (From power on to recording)
	Operator Interface	English / Simplified Chinese
	Storage	SD Card (up to 128GB)
	Video System	H.264, HD 1080P@30/720P@30 Recording for each channel
	Voltage Input / Output	Input: 8 V ~ 32 V DC, Output: 12V/1.5A (4 channels)
Video	Video Input	Maximum 4 x 1080p/720p camera inputs (see optional cameras)
	Video output	Note book/iPhone/iPad/Android Pad/Android Phone
	Preview	1 image / 4 images
	Standard Stream	ISO 14496-10
	Recording Resolution	Selectable (1920*1080, 1280*720, 960*540, 640*360, 320*176...)
	Recording	Supports motion detection, schedule, alarm recording and continuous
	Video Compression	H.264 (High profile V4.1)
	Max fps (total)	120fps@1080p
Audio	Audio Input	From Camera (integrated video and audio)
	Audio compression	AAC (16bit, 48KHz)
Interface I/O	LAN	1(RJ-45) 10M / 100M Ethernet port
	USB	Supports USB 2.0 for backup and update
	Serial	RS-232×1
Network	Wi-Fi	Built in 802.11b/g/n AP, speed up to 300Mbps
	Protocol	TCP / IP
	Wireless Communication	3G/EDGE/GPRS/CDMA
Alarm & Sensor	Inputs	3 Alarm input, 1 ignition, 1 Panic button, G-Sensor
	Outputs	1 Beeper, Alarm LED, Email
	Multi-mode	Activation by video loss, maximum permissible speed, Collision, SD space, Video
Power Supply	Ignition key	Recording starts when ignition is on, stops with delay time when ignition is off.
	Power Consumption	Average 2.5W (with SD and without providing power for the cameras)
Physical Characters	Dimension	12cm x 9cm x 2cm
	Weight	0.57kgs
Others	Backup	By USB (pen drive)
	Clock	Internal, permanent calendar
	GPS	GPS module internal / external
	Function Dual Streaming	Allows you to configure the frame rate of different transmission frame rate
	Self-protection	Protection against overload, short circuit and reverse polarity
	Reset	Option to return to factory default setting
	SD memory	Support SD card x 1 (max 128GB)
	LED's	Indicates power, on / off, SD, Alarm, recording status, and network
	Method of writing and reading of data	Overwrite ON/OFF selectable
	Synchronization time	GPS Time Synch / NTP (Network Time Protocol) Time Synch via networking
Environment	Operating Temperature	-30 ~ 60°C
	Relative humidity	5% - 95%
	Vibration resistance	< 2 Grms
	Resistance to mechanical shock	< 1200 Grms
Embedded Software	Motion Detection	Supported
	Config. FPS per channel	User selectable(1~30fps)
	ID records vehicle license plate	
	USB	Record, Backup, update, export events
	Rename channels	User can re-name each camera channel individually
	Watermark	fixed
	Schedule	Settings year, month and hour
	Image Playback	Includes date and time, latitude and longitude, vehicle speed, and vehicle ID
	Playback Speed	Speed forward 1x ~ 16x
	User Level	Up to 2 users (admin and user)