



## 1080P HD Mobile DVR systems

### Part No.

CH-HDVR4	4 Ch. HDD 1080P HDD Mobile DVR with Wi-Fi and Anti-vibration enclosure
CH-HDVR4GW	4 Ch. HDD 1080P HDD Mobile DVR with Wi-Fi, GPS and 3G/4G with Anti-vibration enclosure
CH-HDVR8	8 Ch. HDD 1080P HDD Mobile DVR with Wi-Fi and Anti-vibration enclosure
CH-HDVR8GW	8 Ch. HDD 1080P HDD Mobile DVR with Wi-Fi, GPS and 3G/4G with Anti-vibration enclosure
CH-HDCVC08	Internal 1080P High Definition Mini Camera, with audio
CH-HDCVC28	External 1080P High Definition Night Vision Rear-View Camera
CH-HDCVC38	Internal/External 1080P High Definition Night Vision Mini Dome Camera

### Product Picture



**The tamper-proof, anti-vibration enclosure is recommended when the DVR is to be used with a standard HDD. Rubber mounts isolate the DVR from much of the vibration associated with road use.**



### **Standard Accessories**



**1080P High Definition Hard Drive DVR, 1 pc**



**Lock Box, 1 set  
(if you use SSD as storage, will have this case included.)**



**Signal Cable, 1 pc**



**Power Input Cable, 1 pc**



**Fuse, 1 set**



**Wifi Antena, 2 pcs**



**3G Antenna, 1pc (GW versions**

## Cameras



### **CH-HDCVC08**

1080P High Definition Mini Camera without IR, w/ Audio. Internal use only



### **CH-HDCVC18**

1080P High Definition Dome Camera with IR IP66 Weatherproof



### **CH-HDCVC28**

1080P High Definition Rear-view Camera with IR IP66 Weatherproof for external use



### **CH-HDCVC38**

1080P High Definition Mini-Dome Camera with IR IP65 Weatherproof

## Optional Accessory



### **Tamper-proof box & keys**

(Recommended if using Hard Drive as storage)



### **GPS Receiver**

Standard with GW models



### **Event/Panic Button**



### **Digital AV Extension Cable 3M, 6.2M, 10M options**

# MAIN FEATURES

1. High video quality based on the H.264 Main/High Profile.
2. Eight channels 1080p30 High Definition resolution recording. The resolution for each channel is 1920x1280@30
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 a short or cut on power circuit.
6. Can use ignition to control the power. Configurable power timer after ignition is off.
7. Support automatic record, event trigger record, schedule record.
8. Can record speed with audio and video. Support overspeed alarm.
9. Supports up to 3 sensors/alarms, linked video is saved into the record file.
10. Uses .avi format for record file container. Compatible with different media player software.
11. Support FAT32 file system, record file can be read directly on Windows, Linux.

# SPECIFICATIONS

Model		CH-HDVR4/CH-HDVR4GW (4 Ch)	CH-HDVR8/CH-HDVR4GW (8 Ch)
System	Operating System	Linux 2.6	
	Start up Time	20 seconds (From power on to recording)	
	Operator Interface	English / Simplified Chinese/Russian	
	Storage	2.5" Hard Disc Drive or SSD (up to 2TB), SD Card (up to 128GB)	
	Video System	H.264 Main/High Profile, HD 1080p30/720p30 Recording for each channel	
	Voltage Input / Output	Input: 8 V ~ 32 V DC, Output: 12V/2A (8 channels)	
Video	Video Input	Maximum 8 x 1080p30/720p30 camera inputs	
	Live Video View	PC/Note book/iPhone/iPad/Android Pad/Android Phone	
	Preview	1 image / 4 images (Switch for 8ch)	
	Standard Stream	ISO 14496-10	
	Recording Resolution	Selectable (1920x1080, 1280x720, 960x540)	
	Recording	Supports normal, schedule, alarm recording and continuous	
	Video Compression	H.264 (High profile up to level 4.1)	
	Max fps (total)	30fps@1080p/channel	
Audio	Audio Input	8 channels	
	Audio compression	AAC (16bit, 48KHz)	
Interface I/O	LAN	RJ-45 10M/100M Ethernet port	
	USB	Supports USB 2.0 for U-Disk recording	
	Serial	RS-232x1	
Network	WiFi	Build in 802.11b/g/n AP, speed up to 300Mbps	
	Protocolo	TCP/IP	
	Communication	4G/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 Motion, etc..	
Power Supply	Ignition key	Recording starts when ignition is on, stops with delay time when ignition is off.	
	Power Consumption	Average 2.0W (without SD/SSD/HDD and without providing power for the	
Physical Characters	Dimension	14.3cm x 13.2cm x 3cm (5.63 "x 5.2" x 1.18 ")	
	Weight	1.08kgs	
Others	Backup	By WiFi (300Mbps, Actual download speed up to 150Mbps)	
	Clock	Internal, permanent calendar, Time sync from GPS (if available)	
	GPS	External GPS module	
	Function Dual Streaming	Allows you to configure the frame rate of different transmission frame rate recording and bandwidth control	
	Self-protection	Protection against overload, short circuit and reverse polarity	
	Reset	Option to return to factory default setting	

	Storage memory	2.5"SSD/HDD x1, SD card x 1, USB 2.0 x1
	LED's	Indicates Power, RUN, Alarm, Media Access, Recording status, network and 3G
	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	< 3 Grms
	Resistance to mechanical shock	< 1200 Grms
Embedded Software	Config. FPS per channel	allows (1~30fps)
	ID records vehicle license plate	Can be set
	USB	Record, Backup
	Rename channels	ACan be set
	Watermark	fixed
	Schedule	Settings year, month and hour
	Image Playback	Includes date and time, latitude and longitude, vehicle speed, and vehicle ID plate and name or channel number
	Playback Speed	Speed forward 1x ~ 16x