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Specification for HDVR8045/8085&HDVR8045/85GW(4)

4/8-Channel 1080P/720P Video & Audio with Multiple HD Camera Options

The 4/8CH HD MDVR allows up to 8 true high definition (1920*1080) cameras to record the highest video quality. Each camera supports up to 1080p30, *ideal for capturing vehicle plate number.*



The HD cameras capture extremely wide angle (around 130°)

One camera is enough for a small or mid-size vehicle; this will help to save cost by reducing 1 or 2 cameras.



Low bitrate for longer time recording with smart technology

The 4/8CH HD MDVR uses intelligent bitrate control to save media space when doing H.264 image compression. If no obvious moving in scope, the bitrate will be reduced to 50% of the set value automatically.

Resolution	FPS	Bitrate (Kbps)	GByte/Hour Each Cam	GByte/Hour for 4 Cams	Gbyte/Day (15 Hours)	Hours for 1TB HDD	Hours for 128GB SD Card	Minutes for Transferring Record Files of one day through WiFi @100Mbps average speed
1920x1080	25	2000	0.63	2.52	37.8	396.8	50.8	67.7
1920x1080	10	1000	0.315	1.26	18.9	793.7	101.6	135.4
1280x720	25	1200	0.378	1.512	22.68	661.4	84.7	112.9
1280x720	10	600	0.189	0.756	11.34	1322.8	169.3	225.7
640x360	25	300	0.0945	0.378	5.67	2645.5	338.6	451.5
640x360	10	150	0.04725	0.189	2.835	5291.0	677.2	903.0

Video live view or download through WiFi (built-in)

Administrative personnel can use a laptop/smart phone/iPad to connect to the DVR to view and/or download videos. Allow three authorization levels for security access.



Highlighted features with 3G/4G network

Remotely live view & GPS tracking on Google Map;

GPS track playback;

Geo-fencing with optional GPS receiver;

One picture will be sent to server as well as email alert when an alarm is triggered;

Reports for Speed, Alarm, Stop, Geo-fencing, Data flow, etc.

The smallest size for a 4/8-Channel Hard Drive DVR

Size of the 4/8CH HD MDVR is very compact, only **5.63" x 5.2" x 1.18" (14.3cm x 13.2cm x 3cm)**, allowing for exceptional versatility in mounting and installation. With a compact footprint and solid-state design, the 1080P High Definition Bus Camera Recorder can be mounted almost anywhere in any orientation.

Only 1.08 per unit with case!!

Weight of the 4/8CH HD MDVR is very light due to its compact size. This will greatly save you shipping & duty costs make your selling price unbeatable.



Tamper-proof Case for hard disk (Charge) with Lock & Key for SSD(Free) Optional



Enjoy one-stop purchasing for a full kit

1080P/720P High Definition DVR with Wi-Fi and G-Force Sensor built-in (no extra cost)

Up to 4/8 1080P/720P High Definition Cameras

Extension Cable (5m and 10m for option, or customized-made length according to your application)

2TB 2.5"SSD/HDD, Class 10 SD Card

Reliable Partner of Your Mobile Video Solution

Easy Storage has been in the industry of Mobile DVRs & Cameras since 2002. With more than 12-year industry & engineering experience in this industry, you will be guaranteed with reliable products at reasonable pricings, fast technical supports & good after service.

Specification

Model		HDVR8045/85&HDVR8045/85GW(4)
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 Disk(up to 2TB), SSD(up to 2TB) or SD Card (up to 256GB)
	Video System	H.264 Main/High Profile, HD 1080p30/720p30/540p30 Recording for each channel
	Voltage Input / Output	Input: 8 V ~ 32 V DC, Output: 12V/1.5A (4 channels)
Video	Video Input	Maximum 8 x 1080p/720p camera inputs
	Video output	Note book/iPhone/iPad/Android Pad/Android Phone
	Preview	1 image / 4 images (Switch for 8 images)
	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)	240fps@1080p for 8 channels model
Audio	Audio Input	Build in Camera
	Audio compression	AAC (16bit, 48KHz)
Interface I/O	LAN	1(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
	Protocol	TCP / IP
	Communication	4G/3G (Only for models that support 3G/4G)
Alarm & Sensor	Inputs	3 Alarm input, 1 speed, 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 cameras)
Physical Characters	Dimension	143.3mm x 133.0mm x 30.2mm
	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	GPS/GLONASS module external
	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
	SD memory	Support SD card x 1 (support SDXC, up to 128GB)
	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	allows
	USB	Record
	Rename channels	allows
	Watermark	fixed
	Schedule	Settings hour, minute, 3 time plans per day
	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