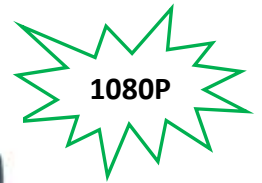




## Mobile Recording System – Hard Drive

SKU: EA-HD-MDVR



Hard Drive MDR



(4) IR Color Cameras



7" LCD Color Monitor

This mobile digital video recorder is a compact, full-featured recording system that utilizes a hard drive as a storage device. The recorder unit and associated accessories are specifically designed for operation in a mobile environment. The system, used in conjunction with the cameras, records up to four channels of 1080P high definition full-motion video and audio. The firmware-driven menu system provides a simple method for configuring the unit's operation as well as searching for and viewing previously recorded AV records.

### Product Main Features

- Standard H.264 video compression, supports dual stream network transmission
- Pentaplex operation: preview, record, playback, backup, network transmission
- 1080P recording resolution
- Alarm pre-recording and motion detection
- Real time remote view through 3G/4G/WIFI (optional)
- GPS information embedded in stream (optional) and historical position playback
- Time lapse recording after the vehicle is powered off
- Recording and displaying the license plate number (camera option)
- Digital zoom capabilities when previewing the video
- Password protection function
- PTZ control via built-in RS485 port
- Transmitting audio via network
- Aluminum alloy structure with shock absorber mounting
- Self-recovery after power reconnects

Itmes	Equipment parameter	performance standard
System	Operation system	LINUX
	Operation interface	Graphical menu operation interface (OSD Menu)
	File system	TES Error correction encrypted file management system
	System permission	Administrator & user setting
Video	Video input	4 channels full digital 1080P
	VGA output	1 channel 1920*1080/1280*720/1024*768 optional
	Video output	1 channel
	Video display	1 or 4 channels
	Signal system	PAL: 25FPS NTSC : 30FPS
	Total resources	1080P PAL: 100FPS, NTSC : 120FPS
	Audio	Audio Input
Audio Output		1 channel
N/S Ratio		≤-30dB
Record format		synchronized video & audio recording
Audio Compression		G711U
Digital processing and storage	Video compression	H.264
	Image resolution	4 channels digital 1080P
	Image quality	1-8 levels adjustable (1 is the best)
	Video bit-rate	1.0M-6.0MByte/s/channel
	Video storage	450M-2.6G Byte/hour
	Playback resolution	1 or 4 1080P
	Audio stream bit-rate	4KByte/s/channel
	Audio storage	14MByte/hour/channel
	Hard disk storage	2.5 inch SATA hard disk x1 max 2TB
	SD card storage	Optional SD card x1 max 128GB
Alarm	Alarm input	8 channels ( activated by high voltage)
	Alarm output	2 channels
	Motion detection	High/middle/low sensitivity adjustable
USB	HOST port	The front panel used for files backup and firmware upgrading
LAN	RJ45	Optional ( Used for video monitoring)
	Wifi	Optional
	3G/4G	HSPDA/EVDO/CDMA2000/FDD-LTE/TDD-LTE module optional
GPS	GPS	GPS/ Glonass module optional
Extension Interface	RS232	RS232 interface X1
	RS485	RS485 interface x1
	Intercom	Available
	G-sensor	Available
	Canbus	Optional
Others	Power supply and consumption	DC8-36V 5% ≤12W
	Operating Temperature /humidity	-20~ +85°C / ≤80%
	Clock	Built-in clock, calendar
	Dimension	245 (L) *190 (W) *71 (H) mm
	Package	340 (L) *235 (W) *125 (H) mm
	Net weight	2.6KG ( not including hard disk)/set
	Gross weight	2.8KG/set