MOSS-AHD-DVR-HD1086   Mobile Digital Video Recorder

Main Features

- ♦ **Supports 6 CH AHD**
- ♦ **Supports Hard disk for main recording**
- ♦ **Supports SD card for mirror recording**
- ♦ **Supports GPS, WIFI and 3G/4G**
- ♦ **Durable metal design**
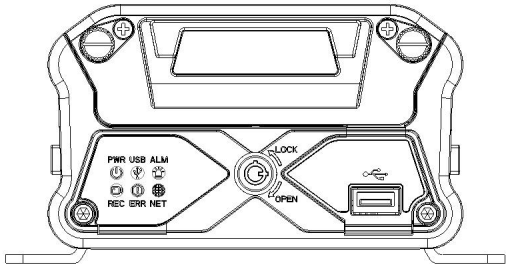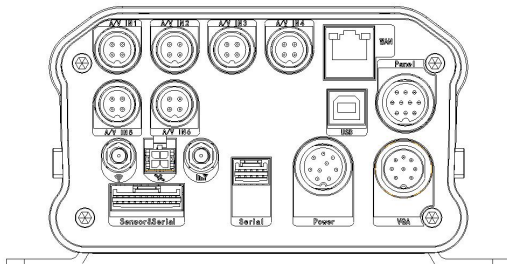- ♦ **With improved software performance**

Overview

The MOSS-AHD-DVR-HD1086 is a Mobile Digital Video Recorder specially designed for vehicle video surveillance and remote monitoring. It has a high-speed processor and embedded operating system, combining with the most advanced H.265 video compression/decompression technology, and GPS positioning technology. It supports not only video recording in 1080P, 720P, WD1, WHD1, WCIF, D1, HD1 and CIF formats, but also vehicle travel information recording. With center software it also achieves alarm linkage central monitoring, remote management, and playback analysis. It is easy to use with its multi-functions, superior anti-vibration, anti-electromagnetic interference, hard disk storage, SD backup, flexible installation, and high reliability.

Specification

Technical Items		Technical Indicators
Product Model		MOSS-AHD-DVR-HD1086
Function Overview		Preview, Recording, Playback, Network, Locating
System	Operating System	Linux 3.18.20
	Control Mode	Mouse, remote control, network [3G/4G/WIFI] (optional)
Video	Input	6 x AHD CH
	Output	2 CH (CP4+VGA)
	Total Resource (Needs external switch)	6x720P@15fps 4x1080P@15fps 4x720P@30fps
	Video Signal Standard	Electrical level: 1Vpp Impedance: 75Ω NTSC/PAL Optional
Audio	Input	6 CH (6 x AHD)
	Output	1 CH
	Audio Signal Standard	Electrical level: 2Vpp Input impedance: 4.7kΩ
Display	Display Split	1/4/9 Image display
	OSD	GPS, Alarm, Vehicle plate, Speed, Time.
	Operation Interface	Semi-transparent GUI
Recording	Video/Audio Compression	Video: H.264/H.265 Audio: ADPCM, G.711A G.711U
	Image Resolution	PAL: 1080P(1920X1080), 720P(1280X720), WD1(928X576), WHD1(928X288), WCIF(464X288), D1(704X576), HD1(704x288), CIF(352x288) NTSC: 1080P(1920X1080), 720P(1280X720), WD1(928X480), WHD1(928X240), WCIF(464X240), D1(704x480), HD1(704x240),CIF(352x240); Digital: 1080P(1920X1080), 720P(1280X720)
	Image Quality	8 Levels adjustable (Level 1 is the best)

	Recording Mode	Boots up/schedule/alarm event recording
	Pre-recording	0-60min
	Post-recording	0-30min
Playback	Playback Channel	1/4 channel by local playback, supports WEB 1/4/6 channel by local playback
	Search Mode	Date/time, channel, event
Network	3G/4G	Optional EVDO/TD-SCDMA/WCDMA/TDD-LTE/FDD-LTE (external)
	WIFI	802.11b/g/n (optional)
	Ethernet	RJ45 x 1(10/100M)
Locating	GPS	Location tracking, speed detection and time sync
Sensor	G-Sensor	Built-in 6-axis inertial sensor
Storage	HDD/SSD	1 x2.5"SATA HDD or SSD, thickness 7mm/9.5mm/15mm, supports hard disk heating
	SD	Support SDXC 32GB/64GB/128GB/256GB
Interface	USB	1 x USB2.0(Type A)+ 1 x USB2.0(Type B)
	SD	1 x SD slot
	Serial	2 x RS232, 1 x RS485
	CAN	1 x CAN
	I/O	8 inputs, 2 outputs
	Speed	1 channel pulse speed detection
Power	Input	DC 8~36V
	Output	5V@500mA & 12V@500mA
	Max Power Consumption	6.75W (not include cameras, screen and HDD)
	Standby Power Consumption	≈0W

Product Connection View

Front Panel

Rear Panel

Physical Characteristic	Dimension (L × W × H)	252x167.2x88.7 (with bracket and rear shield)
	Weight	2.2KG (not include HDD)
Environment	Operating Temperature	-40℃ ~+70℃ (with heating and no HDD)
		-40℃~ +55℃ (with heating and HDD)
	Operating Relative Humidity	8%-95%(No condensation)