MOSS-AHD-DVR-HD1088PRO

Main Features

- Supports 6 channels AHD (1080P)+2 channel IPC (1080P) with built in switch
- Modular design for easy maintenance
- Supports 3.5" up to 4TB hard disk storage and Micro SD card for mirror recording
- With VGA port

Overview

MOSS-AHD-DVR-HD1088PRO is specially designed for higher end school bus market or transit market, which utilizes high-speed processor and embedded operating system, patented file system to ensure the safety and integration of important data, combining with H. 265/H.264 video compression / decompression technology, network technology and GPS locating technology.

MOSS-AHD-DVR-HD1088PRO supports both AHD and IP with high definition 1080P recording and vehicle driving information recording. It is modular design and with flexible installation, easy maintenance and high reliability.

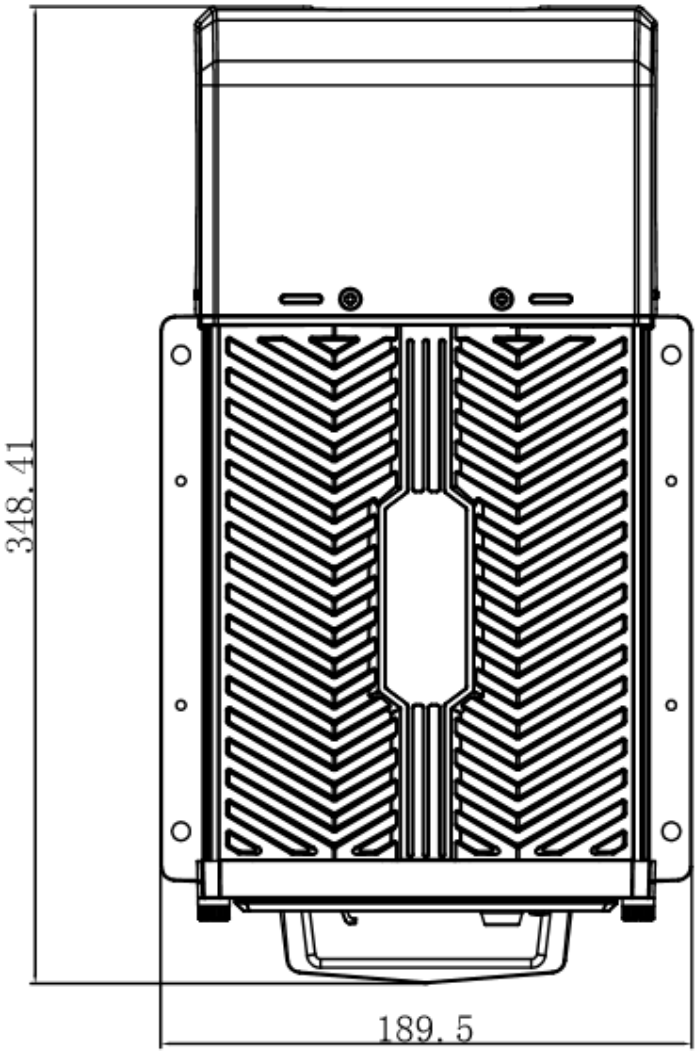
Specification

Function Overview		Preview, Recording, Playback, Network, Locating
System	OS	Linux
	Control Mode	CP4/CP5, Easy Check, Network (3G/4G/WIFI), Mouse
Video	Input	6 channels AHD (1080P)+2 channel IPC (1080P)
	Output	2 channels, CVBS and VGA
	Total Resource	PAL: 6*720P@25FPS (AHD) +2*1080P@30FPS (IPC) Or 6*1080P@20FPS (AHD) +2*1080P@30FPS (IPC) NTSC: 6*720P@30FPS (AHD)+2*1080P@30FPS (IPC) Or 6*1080P@20FPS (AHD)+2*1080P@30FPS (IPC)
	Video Signal Standard	Electrical level: 1Vpp Impedance: 75Ω NTSC/PAL Optional
Audio	Input	8 channels
	Output	1 channel
	Audio Signal Standard	Electrical level: 2Vpp Input impedance: 4.7kΩ
Display	Display Split	1/4/9 Image display
	OSD	GPS information, alarm, acceleration, license plate number, speed, time, etc.
	Operation Interface	GUI

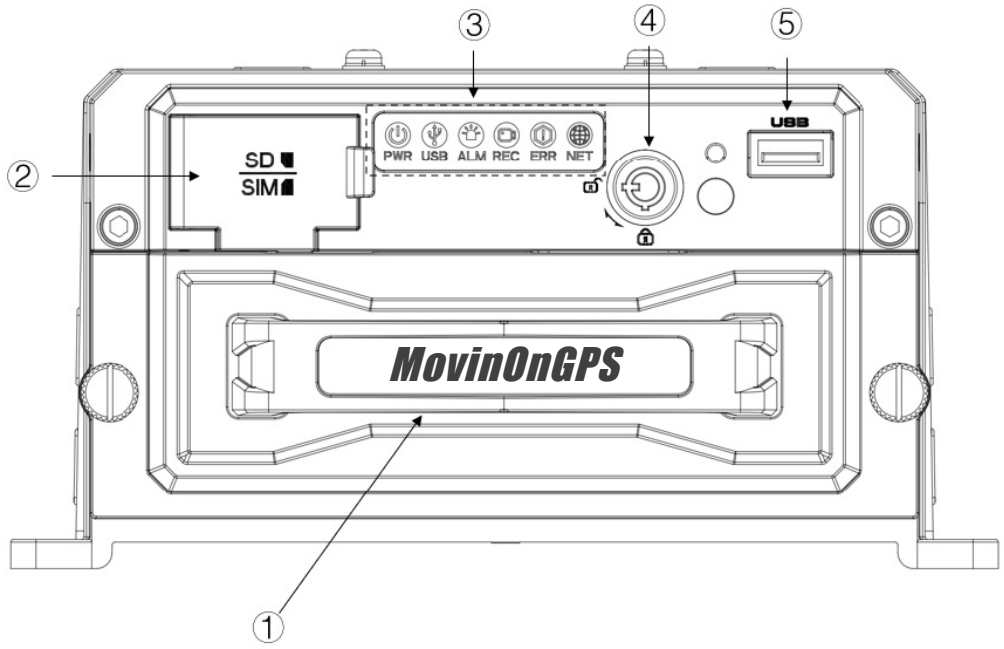
Recording	Video/Audio Compression	Video: H.265/H.264
		Audio: ADPCM, G.711U
	Image Resolution	PAL: 1080P, 720P, WD1(928X576), WHD1(928X288), WCIF(464X288), D1(704X576), HD1(704x288), CIF(352x288); NTSC: 1080P, 720P, WD1(928X480), WHD1(928X240), WCIF(464X240), D1(704x480), HD1(704x240), CIF(352x240); Digital: 1080P(1920X1080),720P(1280X720)
	Image Quality	8 Levels adjustable
	Recording Mode	Schedule/Alarm(sensor trigger, speed, acceleration, video loss, etc.)
	Post-recording	0-30 minutes
	Mirror Recording	Yes
Playback	Live View (Local)	1/4/9 Screen layout
	Playback Channel(Local)	1 channel by local playback
	Live View (Web)	1/4/9/16 channels preview(Web)
	Playback Channel (Web)	1 channel, 4 channels, 9 channels synchronous playback
	Search Mode	Date/time, channel, event
Network	3G/4G	EVDO/WCDMA/TDD-LTE/FDD-LTE (optional)
	WIFI	802.11 a/b/g/n/ac
	Ethernet	RJ45 x 1 (10/100 M)
	IPC Ethernet	RJ45 (2x10/100M, PON power supply)
Locating	GPS	Support internal or external GPS
Storage	Hard disk	Supports 3.5" hard disk up to 1TB/2TB/4TB without FAN. Support M.2 SSD.
Interface	USB	USB2.0(Type-A) x 1 + USB2.0(5-Pin Aviation Connector) x 1
	SD	Micro SD slot x 1
	SIM	SIM slot x 1
	RS232	RS232 x 1
	RS485	RS485 x 2
	CAN	CAN X 1
	Sensor	8 inputs, 2 outputs
	R-Watch	R-Watch X 1
	Speed	1 channel pulse speed detection
	Interface	Touch panel CP4/CP5 Optional
	Intercommunication	1 MIC interface(with CP4)
	VGA	VGA x 1
	Panic	Support (with 1 channel sensor-in and 1 channel sensor-out)
Power	Input	DC8-36V, ACC
	Output	5V@500mA, 12V@500mA
	Power Consumption	<10w (bare machine), 40w(typical scenario power consumption*)
	Standby Power Consumption	≈0W

Physical	Dimension (L × W × H)	348 x189 x 99mm
	Weight	3.03Kg (bare machine)
Environment	Operating Temperature	-40℃- +70℃(without hard disk) -40℃- +50℃(with hard disk and heater)
	Operating Relative Humidity	15%~95%

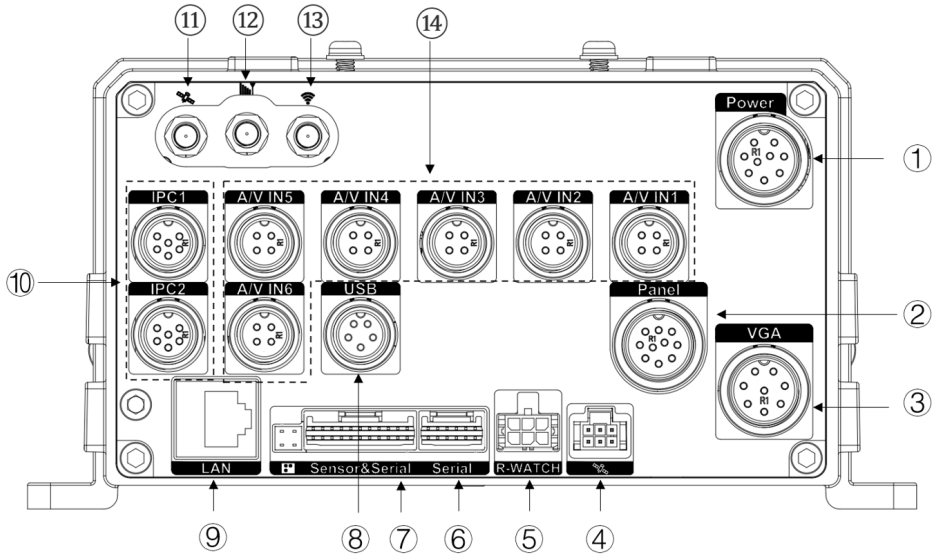
Drawing:



Front:


③
④
⑤
②
SD
SIM
PWR USB ALM REC ERR NET
USB
MovinOnGPS
①

Back


⑪
⑫
⑬
⑭
Power
①
IPC1
A/V IN5
A/V IN4
A/V IN3
A/V IN2
A/V IN1
⑩
IPC2
A/V IN6
USB
Panel
②
VGA
③
LAN
Sensor&Serial
Serial
R-WATCH
⑨
⑧
⑦
⑥
⑤
④