

4112-HVR

Streamax - Mobile Digital Video Recorder

Main Features

- ◆ Supports 8 channels 1080P(AHD)+4 channels IPC (1080P)
- ◆ Modular design for easy maintenance
- ◆ Revolutionary anti-vibration technology for 360 degree installation
- ◆ Supports 2.5" 2TB hard disk storage and SD card for mirror recording
- ◆ Dual streams for local recording and wireless transmission
- ◆ Internal GPS for location tracking
- ◆ Internal WIFI 802.11N supported for all the regular video files and alarm files download(optional)
- ◆ Built-in inertia sensor
- ◆ Built-in heater

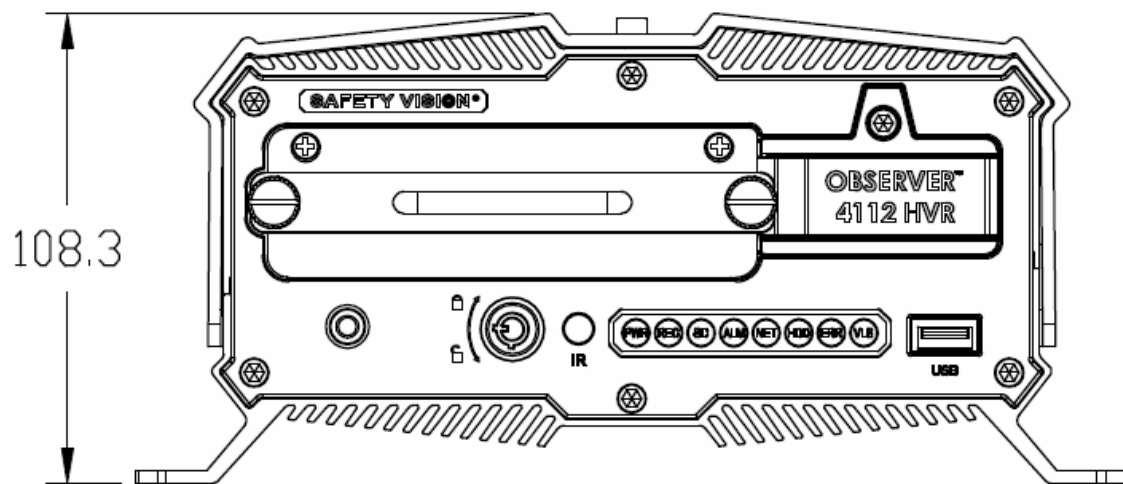
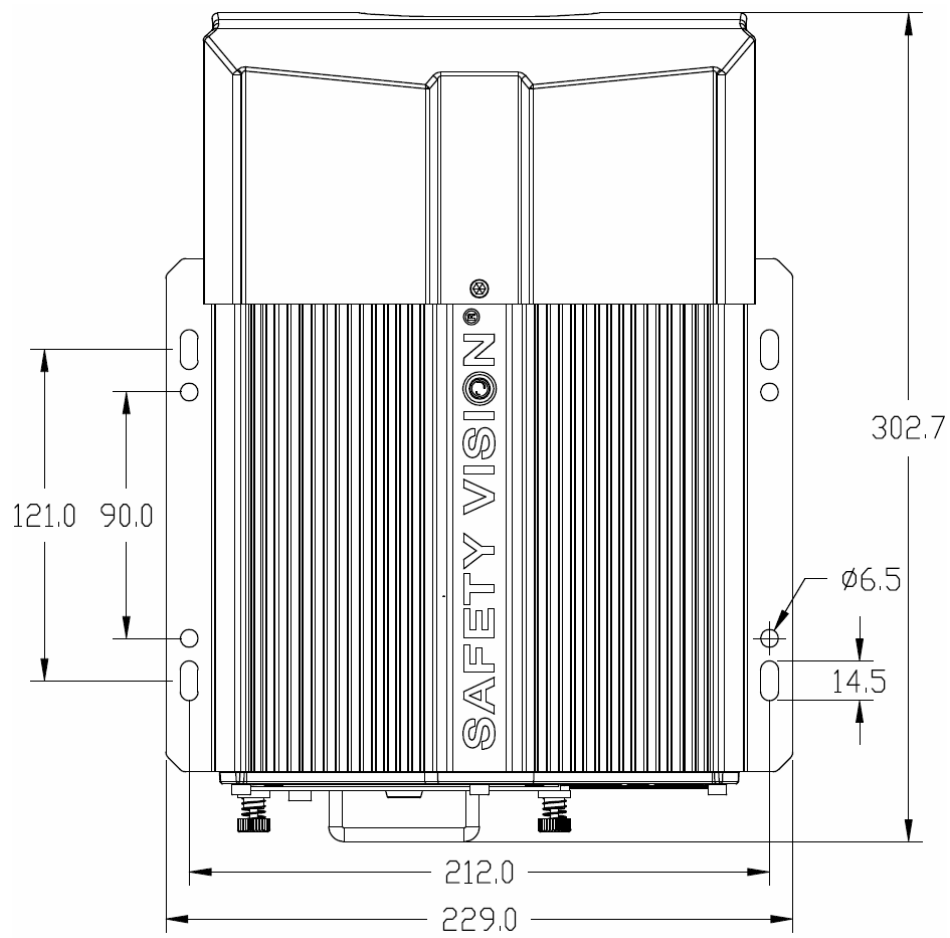
4112-HVR is developed from the brand new platform N9M, which is an advanced and function-extensive Mobile Video Recorder specially designed for network high definition, analog audio & video input and excellent extension. It uses high-speed processor and embedded operating system, patented file system 4.0 to ensure the safety and integration of important data, combining with H. 264 video compression / decompression technology, network technology and GPS locating technology. It can realize AHD 1080P and 720P high definition, IP 1080P and 720P high definition, WD1, WHD1, WCIF, D1, HD1, CIF video recording and vehicle driving information recording, as well as wireless data upload. With center software it also achieves alarm linkage central monitoring, remote management and playback analysis. It is powerful with modular design, flexible installation, easy maintenance and high reliability.

Specification

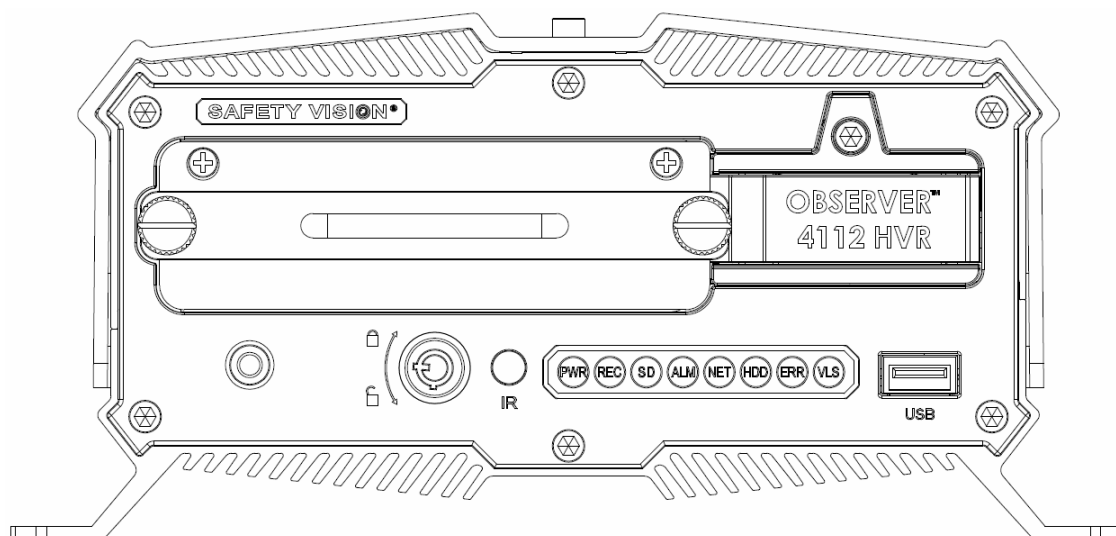
Function Overview		Preview, Recording, Playback, Network, Locating
System	OS	Linux 3.0.8
	Control Mode	CP4, Easy Check, Network (WIFI), Mouse
Video	Input	8 channels AHD (1080P)+4 channel IPC (1080P)
	Output	2 channels
	Total Resource	PAL: 8*720P@25FPS (AHD) +4*1080P@30FPS (IPC) Or 8*1080P@12FPS (AHD) +4*1080P@30FPS (IPC) NTSC: 8*720P@30FPS (AHD)+4*1080P@30FPS (IPC) Or 8*1080P@15FPS (AHD)+4*1080P@30FPS (IPC)
	Video Signal Standard	Electrical level: 1Vpp Impedance: 75Ω NTSC/PAL Optional
Audio	Input	12 channels
	Output	2 channels
	Audio Signal Standard	Electrical level: 2Vpp Input impedance: 4.7kΩ
Display	Display Split	1/4/9 Image display
	OSD	GPS information, alarm, temperature, acceleration, voltage, device information, software version, MCU version, network status
	Operation Interface	Semi-transparent GUI
Recording	Video/Audio Compression	Video: H.264
		Audio: ADPCM, G.711A, G.711U
	Image Resolution	1080P, 720P, WD1(928X576), WHD1(928X288), WCIF(464X288), D1(704X576), HD1(704x288), CIF(352x288); PAL: NTSC:

		1080P, 720P, WD1(928X480), WHD1(928X240), WCIF(464X240), D1(704x480), HD1(704x240), CIF(352x240); Digital: 1080P (1920 X1080) 720P(1280X720)
	Image Quality	8 Levels adjustable
	Recording Mode	Manual/schedule/Alarm(sensor trigger, speed, acceleration, video loss, temperature)
	Pre-recording	0-60minutes
	Post-recording	0-30 minutes
	Mirror Recording	Yes
Playback	Playback Channel	4 channels by local playback
	Search Mode	Date/time, channel, event
Network	WIFI	802.11b/g/n
	Ethernet	RJ45 x 1 (10/100 M/1000M)
Locating	GPS	Location tracking, speed detection and time sync
Storage	Hard disk	Supports 2.5" SATA HDD up to 2TB
Vibration		Pass the MIL-STD-810 Test
Shock		Pass the MIL-STD-810 Test
Interface	USB	USB2.0 x 2
	SD	SD slot x 1
	RS232	RS232 X 2
	RS485	RS485 X 2
	Sensor	8 inputs, 2 outputs
	Serial	G-sensor (Internal)
	Speed	1 channel pulse speed detection
	Interface	Touch panel CP4 Optional
	Intercommunication	I MIC interface
physical characteristics	Dimension (L × W × H)(mm)	302.7 x 229.0 x 108.3
	Weight(with HDD)(kg)	2.6
Environment	Operating Temperature	-40°C~ +70°C (-40°F~158°F)
	Operating Relative Humidity	8%-90% (No Condense)
Power	Input	DC8-36V, ACC
	Output	5V@500mA, 12V@500mA
	Max Power Consumption	105.3W
	Standby Power Consumption	≈0W

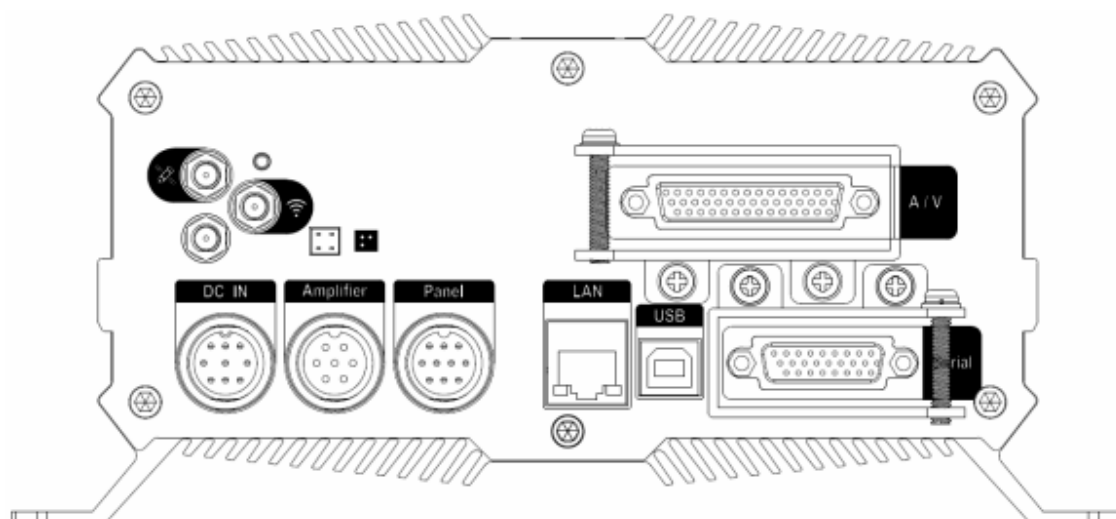
Dimension (L × W × H)(mm)



FRONT PANEL



REAR PANEL



Serial number	Print	Description
1	DC IN	8-36V Power Input
2	Amplifier	Amplifier interface
3	Panel	Control panel (CP4)
4	LAN	Network interface
5	USB	USB interface
6	Serial	Serial interface
7	GPS	GPS Antenna Interface
8	WIFI	WIFI Antenna Interface
9	A/V	A/V input 1~8, A/V output

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The distance from the human body is more than 20cm.