

# 4100-HVR

## Mobile Digital Video Recorder

### Main Features

- ◆ Supports 4 channels 1080P(AHD)
- ◆ Revolutionary anti-vibration technology for 360 degree installation
- ◆ Supports 1 SSD storage and dual SD card 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)

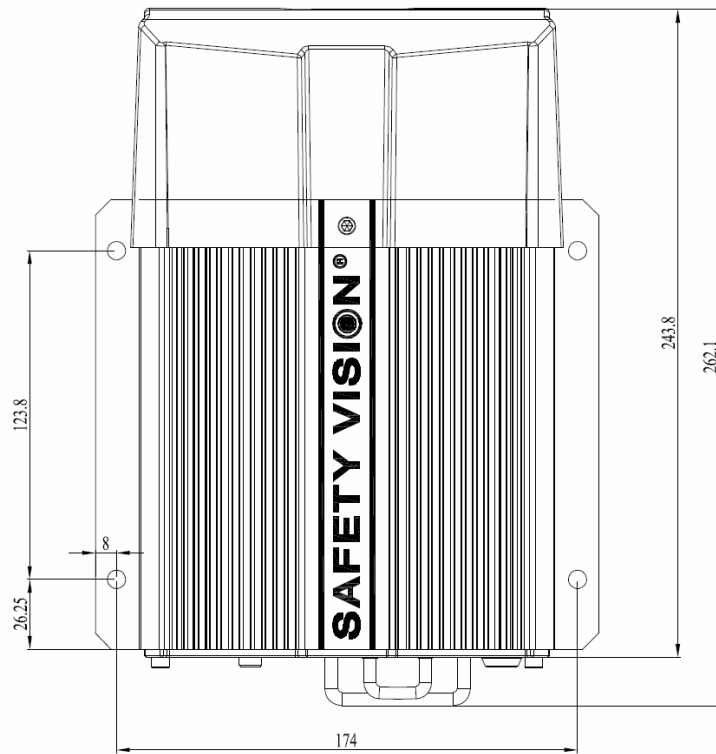
4100-HVR is a functional Mobile Digital Video Recorder specially designed for vehicle video surveillance.. It uses high-speed processor and embedded operating system, patented file system 4.0 to ensure the safety and integration of important data, combining with H. 264 video compression / decompression technology, network technology and GPS locating technology. It supports not only video recording in 1080P,720P, WD1, HD1 and CIF formats, but also vehicle travel information recording and local playback & analysis. 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.

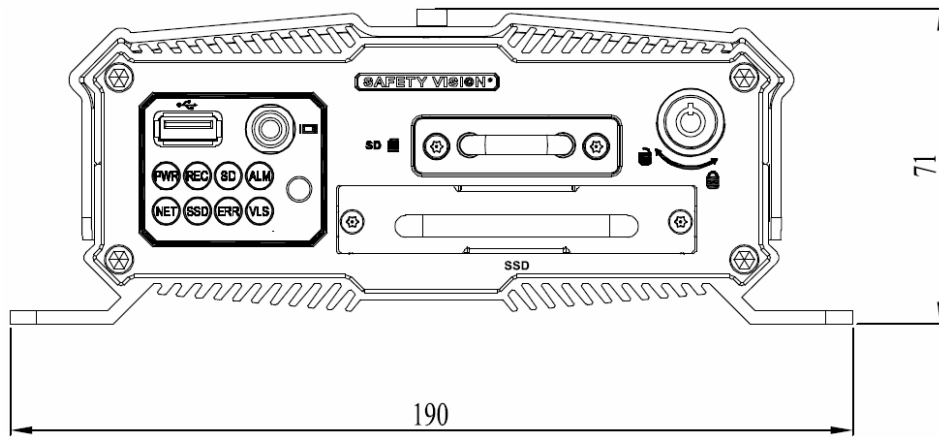
### Specification

Function Overview		Preview, Recording, Playback, Network, Locating
System	OS	Linux 3.0.8
	Control Mode	CP4, Easy Check, Network (WIFI), Mouse
Video/	Input	4 channels AHD (1080P)
	Output	1 channel
	Total Resource	PAL: 4*720P@25FPS (AHD) Or 4*1080P@12FPS (AHD) NTSC: 4*720P@30FPS (AHD) Or 4*1080P@15FPS (AHD)
Audio	Input	4 channels
	Output	1 channels
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
	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);
	Image Quality	8 Levels adjustable
	Recording Mode	Manual/schedule/Alarm
	Pre-recording	0-60minutes
	Post-recording	0-30 minutes
Playback	Playback Channel	1 channel by local playback
	Search Mode	Date/time, channel, event

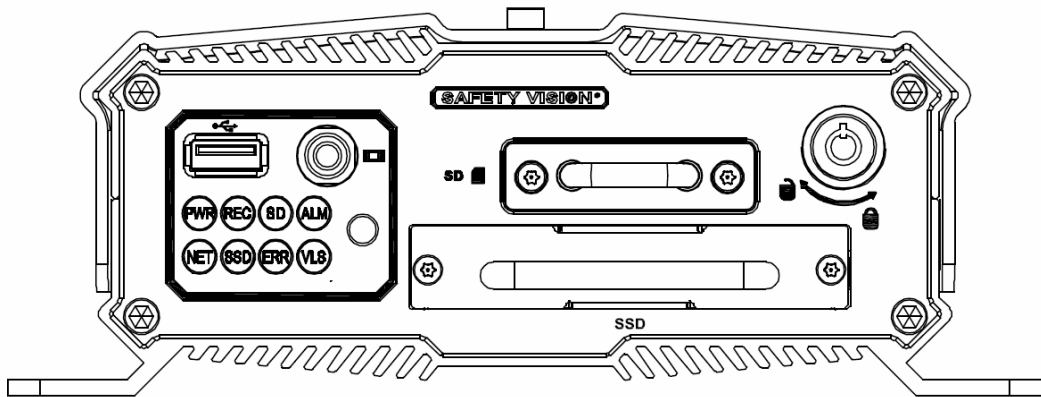
Network	WiFi	802.11b/g/n
	Ethernet	RJ45 x 1 (10/100 M)
Locating	GPS	Location tracking, speed detection and time sync
Storage	SSD	1 SSD
	SD	Support dual SD card: 256G/128G/64G/32G Support hot swap Max writing speed:12Mbps
	Extend storage	Support extend fire box
Environment	Operating Temperature	-40°F~158°F(-40°C~ +70°C)
	Operating Relative Humidity	8%-90% ( No Condense )
physical characteristics	Dimension (L × W × H)(mm)	262.1 × 190 × 71
Vibration		Pass the MIL-STD-810 Test
Shock		Pass the MIL-STD-810 Test
Interface	USB	USB2.0 x 2
	RS232	RS232 X 2
	RS485	RS485 X 2
	Sensor	8 inputs, 4 outputs
	Serial	G-sensor (Internal)
	Interface	Touch panel CP4 Optional
Power	Input	DC8-36V, ACC
	Max Power Consumption	36W
	Standby Power Consumption	≈0W

### Dimension (L × W × H)(mm)

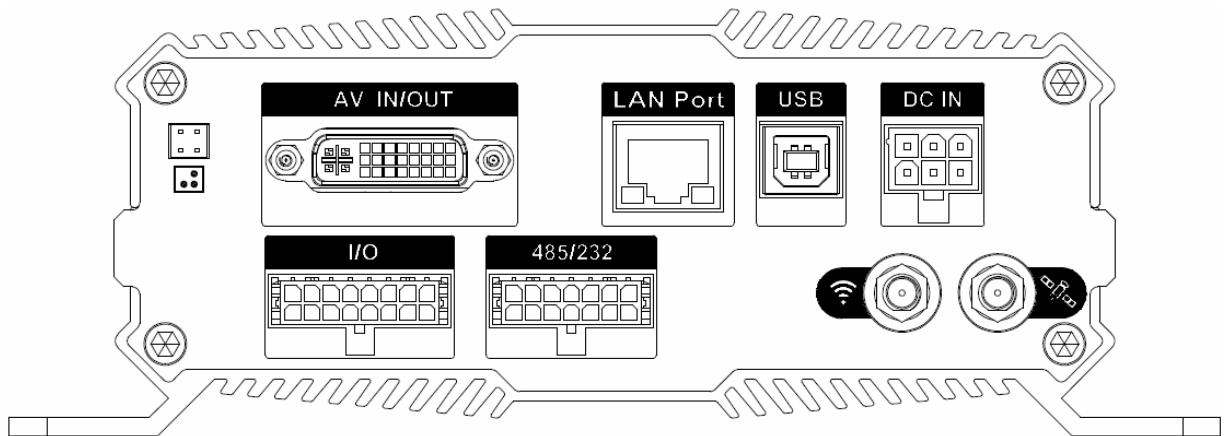




**FRONT PANEL**



**REAR PANEL**



Serial number	Print	Description
1	DC IN	8-36V Power Input
2	LAN Port	1 RJ45 interface, 10M/100M with light
3	USB	USB 2.0 interface
4	A/V IN 1~4	Audio & Video Input 1-4
5	A/V OUT	Audio & Video Output 1
6	I/O	8* Sensor in, 4*Sensor out +1*pulse speed test+1*12V output
7	485/232	2*RS232 +2*RS485 +2*5V output+2*12V output
8	GPS	GPS Antenna Interface
9	WIFI	WIFI Antenna Interface

### **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 greater than 20 cm.