

# ST-M4R-H

Embedded/Mobile Digital Video Recorder



CE FC

## Product Features

- ◆ Support 1 channel Real-time D1, 4CH D1 at 12 fps/ 15fps.
- ◆ H.264 video compression provides the excellent recording performance.
- ◆ Stand alone NON-PC embedded operating system (RTOS) provides maximum stability.
- ◆ Watermark and time/date stamp in exported images.
- ◆ Lockable, plastic HDD handle, protect HDD efficiently.
- ◆ Special file system (NVRFSTM) for record files

## Introduction

ST-M4R-H is a newer basic H.264 product in SVT that provides the perfect surveillance solution of Vehicles. Built-in vibration absorber/ shock absorber are inside of removable Hard disk housing, and small Profile is very convenient for installation.

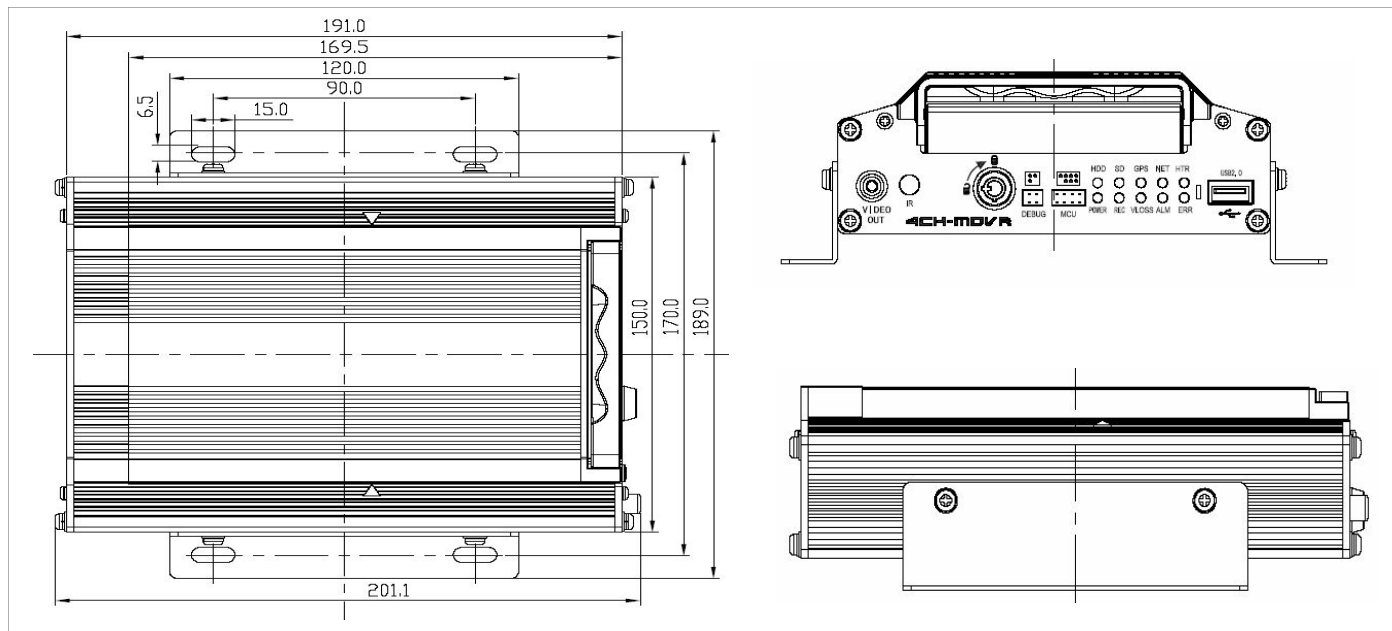
## Specification

System	OS	Linux 2.6 ( providing standalone stable operation system )
	Operation Interface	Hand-held, IR controller with On-Screen Display (OSD) for all operations of the MDVR
	Storage	SATA HDD up to 500GB
	Video System	NTSC\PAL
	Input Voltage	8 V~ 36 V DC, output 12V/3A, 5V/1A
Video	Camera Input	4 cameras
	Display	1 image/4 images
	Stream Standard	ISO14496-10
	Record Resolution	Selectable recording resolutions ( CIF, HD1, D1 ) PAL: CIF(352×288), HD1 (704×288), D1 (704×576) NTSC: CIF(360×240), HD1 (720×240), D1 (720×480)
	Video Compression	H.264
	Max FPS	Full D1 25FPS / 30 FPS per channel at 1 cameras D1 at 12FPS/ 15 FPS per channel at 4 cameras Full HD1 / CIF 25FPS / 30 FPS per channel at 4 cameras
Audio	Audio Input	4 channel (Impedance 600Ω)
	Audio Output	1 channel
	Audio Compression	ADPCM+G.726 (8 kbps)
	USB	Support USB HOST 2.0, for backup and firmware update
Alarm	Input	Totally 10 sensors (support 8sensors input, 2 sensors output )
	Multi-mode	Triggered by video loss, over speed, over temperature, HDD no space, sensors and so on.
Power	Ignition Switch	Device will start recording when ignition power on/ auto shutdown delay after ignition power off

More information [www.szw.cn](http://www.szw.cn)

## Dimension (Unit: mm)

## MDVR-X1-4 CH



Physical Characteristics	Dimension (W×H×D)	201 X150×56 mm
	Weight	2.0 kg
Others	HDD	Removable HDD Bay --1 SATA HDD or SSD HDD (optional)
	Storage Mode	2.5" HDD
	Time Clock	Built-in clock, perpetual calendar
	Data R/W mode	FIFO
Environment	Time Synch	GPS Time Synch / NTP (Network Time Protocol) Time Synch via network connection
	Operating Temperature	0 ~ 55°C (If temperature is below 0°C, please use built-in heater)
	Relatively Operating Humidity	20% - 95%
	Vibration Resistance	< 2 Grms
	Shock Resistance	< 1200 Grms

## Software Support

Model	Media Management Software (MMS)	Center Management Software (CMS)	Auto-Download System (ADS)	Playback Analysis Software
ST-M4R-H	×	×	×	√

