

MD62108S Mobile Video Recorder



Product Introduction

MD62108S Mobile Video Recorder is a dedicated DVR product for car video and audio monitoring with embedded Linux operating system. With the functions of video and audio decoding, 3G/4G wireless network transmission, satellite positioning, data security storage, hard disk vibration reduction protection, and provide flexible channel selection and coding schemes, especially applied to the video and audio monitoring needs of various buses, passenger buses, school buses, taxis, coach cars, muck trucks and other vehicles. The equipment has perfect and stable performance, with small size, low power consumption, easy installation and maintenance.

Key Feature

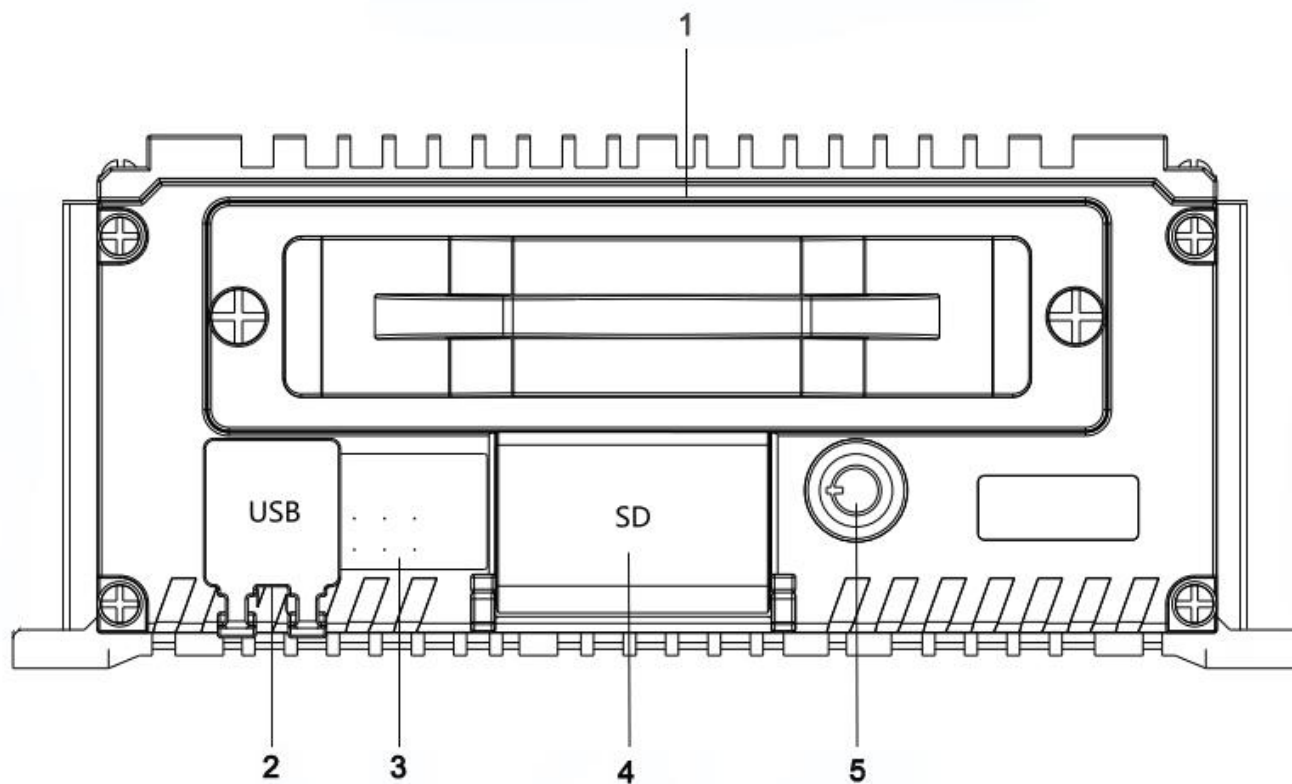
- 8ch of analog video and audio input, each channel up to 1080P encoding, standard H.265 stream, supports dual stream;
- With 1ch CVBS video output, 1ch audio output;
- With 1ch VGA video output interface, max resolution up to 1920*1080;
- Brand-new in-vehicle dedicated GUI interface, with good user experience, and supports WEB login, Easy to operate;
- It can access 1*M2 SSD and 1*SD card simultaneously (SD card as a spare hard disk), it is pluggable;
- Built-in 3G/4G wireless module, providing flexible wireless transmission;
- With USB data export interface;
- Built-in high-sensitivity satellite positioning module, supporting extended BDS (Beidou positioning), positioning information synchronously encapsulated into the video stream;
- With information collection interface, it can collect the driver's turn left, turn right, brake, reverse, etc;
- The main interface adopts the special aviation plug for vehicle to ensure the stable signal connection;
- With delayed shutdown (0 minute to 6 hours) and 24-hour timing switch function;
- Wide range power supply (DC +9V to +36V), meet the requirements of vehicle electrical characteristics;
- Aluminum stretch case, with good adaptability to vehicle working environment;
- Support left and right mirroring of reversing camera.

Specification

Model	MD62108S
Operating System	Embedded Linux operating system
Video Compression	H.265
Audio Compression	ADPCM
Encode	Main stream: 1080P@20FPS, Sub stream: 352 x 288@1-10FPS
Playback	4-ch x 1080P@25FPS
Video Input/Output	Input: 8ch analog, aviation interface
	Output: 1 x CVBS, 1 x VAG (resolution: 1920x1080\1440x900\1280x1024\1024x768)
Audio Input/Output	Input: 8 channels, aviation interface (linear level, impedance: 1kΩ)
	Output: 1 channel, IO interface (linear level, impedance: 600Ω)
Wireless Network	3G/4G
Wireless antenna	3G/4G antenna x 1
Positioning	GPS (Global Positioning System), Scalable Beidou positioning (BDS)
Antenna	GPS/Beidou antenna x 1
Consumption	Standby: <0.5W
	Full load: <20W (excluding display screen, camera and hard disk)
Power Supply	DC 9V~36V
Working Temperature	-10 °C to +55 °C (Excluding hard disk)
Working Humidity	10% to 90%
Stream type	Composite stream/video stream
Video compression rate	512Kbps to 4096Kbps, customizable, maximum 4096Kbps
Voice intercom compression	G.711
Storage	1x SSD with M2 interface
Driving information collection	4ch high level signal inputs
Alarm input / output	Input: 4 channels, switch trigger
	Output: 2 channels, switch output
Network Interface	1x RJ45 100M
USB Interface	2 x USB 2.0
Serial Port	1x RS232 (debugging)
Operation method	WEB, mouse
Weight	1.58kg (without hard disk)
Dimensions (WxDxH)	200x150x80mm

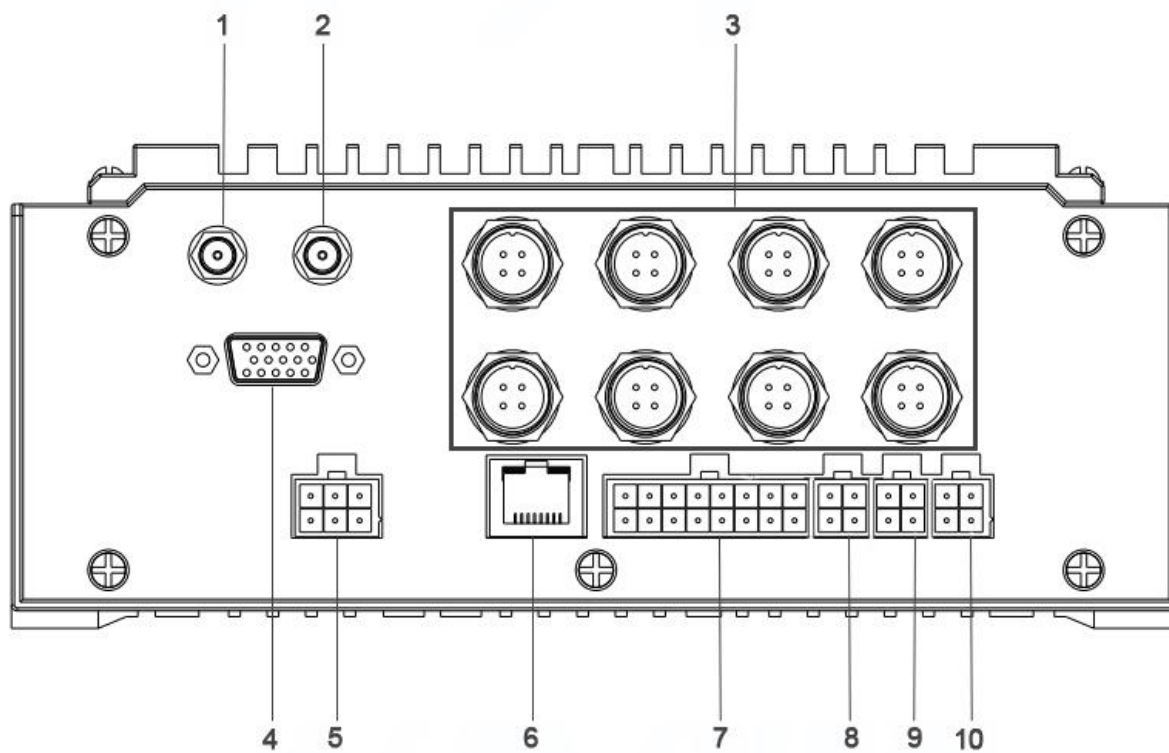
Physical Interface

Front Panel



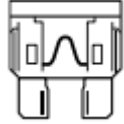
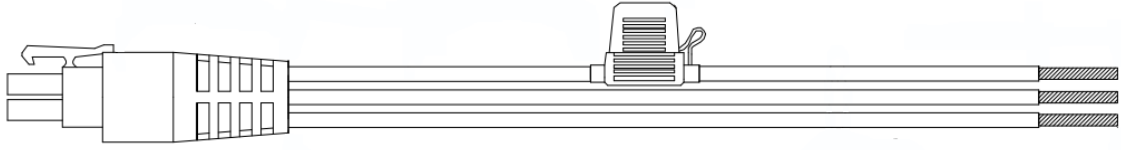
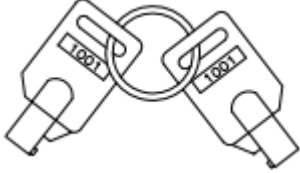
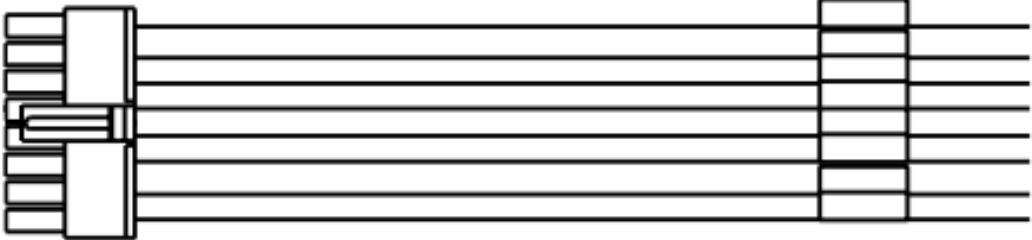
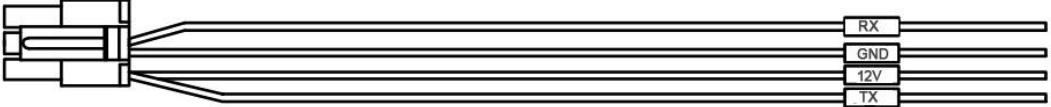
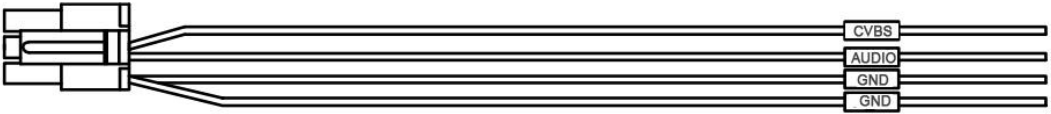
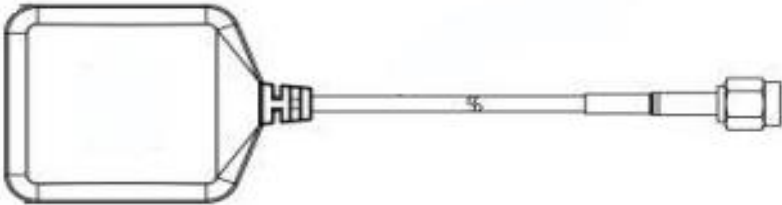
NO.	Name	NO.	Name
1	SSD	3	ALM:Alarm indicator
2	USB 2.0 interface		ANT:Dialing indicator
4	SD card slot		GNSS:GPS indicator
5	SSD lock		REC:Record indicator
			RDY:Ready indicator
			PWR:Power indicator

Rear Panel



NO.	Name	NO.	Name
1	GNSS:GNSS antenna interface	6	Network interface
2	3G/4G:3G/4G antenna interface	7	I/O:ALARM IN,ALARM OUT,and sensor-in
3	Anglog camera inputs:1-4CH,5-8CH	8	NC
4	VGA	9	RS-232 interface
5	Power supply	10	EXT.DEV:two-way audio interface, and CVBS video output

Packing List

Description	Quantity	Picture	Note
Fuse	1		
Power cord	1		
Key	1		
Alarm line	1		
RS-232 line	1		
EXtension cable	1		
GPS antenna	1		
3G/4G antenna	1	