

# SA-MH1104F dual card driving recorder

## Product specification introduction

### 1. Product appearance

Patented appearance design, aluminum alloy material, good heat dissipation, compact and easy to install; plastic front panel, beautiful, simple and elegant, with independent lock.



### 2. Product features

Supports 4 channels of AHD high-definition input 1080P\*30FPS, 720P, D1, CIF resolution, etc.; supports connecting to IPC and using the network port;

Video files use H.265&H.264 codec to save storage space and transmission traffic;

Supports 4 audio inputs, 1 audio output; 1 voice intercom; external speakers available;

Support 1 channel CVBS video output (optional 1 channel VGA video output);

Supports manual or scheduled recording on 2 SD cards, with a maximum capacity of 512GB;

Supports 1 USB 2.0 interface, which can be used to export video files and use the mouse;

Supports 1 SIM card 4G communication and Internet access; supports Beidou 3/GPS dual-mode positioning; supports built-in WIFI function ;

Support emergency alarm function and 4-way switch signal input, 1-way switch output, 2-way RS232 serial

port (optional 1-way RS232, 1-way RS485);

Built-in AI intelligent algorithm supports ADAS, DMS, and BSD detection;

Support mobile APP, client, platform software preview video and parameter configuration;

Dedicated file system improves disk reading and writing efficiency and makes video recording more stable;

The product has a compact and portable design and an aluminum alloy shell , which is light and fast and has good heat dissipation;

### 3. Product specifications

project		parameter
system	operating language	Chinese English
	operating system	Linux
	Operation interface	Graphical menu operation interface (OSD menu)
video recording system	video input	4 channels of 5V video input , resolution: 1080P, 720P, D1, HD1, CIF
	video output	Support 1 channel CVBS video output, optional 1 channel VGA video output
	video standards	PAL format, NTSC format
	Video compression format	H.264/H.265 compression format
	Video resolution	Support 1080P, 720P, D1, HD1, CIF optional
	Video quality	Recording levels 1 to 8 are available, with the best level 1 and the lowest level 8
	Video recording method	Automatic recording by default, supports ignition recording, alarm recording, etc.
Audio	Audio input	Support 4 -channel camera audio input , synchronous recording of sound and video
	Compression format	G.711A compression format
Alarm input		4 switch inputs , 1 emergency alarm input
Alarm Output		1 switch output
Serial input		2 channels of RS232, optional 1 channel of RS232, 1 channel of RS485
Wireless transmission		Can have built-in 4G wireless transmission function, TDD-LTE, FDD-LTE
		WIFI: Wireless 802.11b/g/n communication module
GPS positioning		Supports external GPS/BD module and can be reported to the ministry standard platform
sensor		Built-in 3-axis acceleration , optional 6 -axis gyro sensor
	storage card	2 SD cards for video recording , maximum capacity is 512GB
	Upgrade method	Support SD card, U disk, FTP remote automatic upgrade
	Storage method	Proprietary bare disk storage method
	SIM card interface	1 SIM card interface

Video playback	Video search	Recorded video data can be searched by recording time, recording method, etc.
	Playback	Supports 1-4 channel playback, supports 2, 4, 8, 16 times speed fast forward or rewind, pause
Power supply and power consumption	Power management	Adaptive wide power input, with overload, undervoltage, short circuit, reverse connection and other protection functions;
		Supports scheduled power on and off, delayed shutdown functions.
	Input voltage	DC:+9V ~ +36V
	The output voltage	+12V@1A, +5V@ 0.5 A
	Power consumption	Normal working state < 8 W (without peripherals)
working environment	temperature	- 20 °C to +70°C
	humidity	8%~ 90 %
Security management	Password access	Two-level management of user password and administrator password
Platform access		JT/T 808-2011, JT/T 808-2019 , JT/T 905.2-2014, JT/T 1076-2016 , JT/T 1078-2016 , TTX private protocol, GB28181, RTMP optional
physical dimension		120*120*46mm
net weight		450g