

Mobile DVR SMD6823

AHD FHD Mobile DVR



Features

- Built-in H.264 image processing chip, H.264 encoding, high compression ratio, clear image.
- Support 8ch of AHD million high-definition video input, 1 channel of CVBS video and sound synchronous output.
- Support 8ch up to 1080P high-definition real-time local recording.

Power Source:

- Professional vehicle power supply design 9~39V DC wide voltage input design.
- Applicable to various vehicle types; with various protection circuits such as under-voltage, short-circuit protection, and reverse connection protection.
- Supports smart power management recognition, automatic

shutdown at low potential, low power consumption, power failure, shutdown can be maintained for 15-20 seconds, to avoid loss of image data in the event of a shock power failure.

Data storage :

- Use a special file management mechanism to encrypt data to effectively protect data security.
- Proprietary SD card bad track detection technology, which not only ensures the continuity of recording, but also prolongs the life of the SD.
- Built-in super capacitor to avoid data loss and SD card damage due to abnormal power failure.
- Support 1 card 512G SD card storage and 1 1T hard disk storage interface.
- Support SD specification V1.0 / V1.1 / V2.0.

Interface transmission :

- Standard configuration: G-Sensor can set G value for recording.
- Optional: WIFI, 4G, GPS module.
- Support GPS positioning, high sensitivity and fast positioning.
- Support WIFI wireless download or sharing, support 802.11b/g/n, frequency 2.4GHz.
- Support built-in 4G module, support LTE/HSUPA/HSDPA/WCDMA/EVDO.

Specifications

Item	Parameters	Feature
System	Operating System	Embedded Linux operating system
	Language	Chinese / English
	Operation Interface	Icon menu interface
	Password Security	Two-level management of user password and administrator password
	Video Format	NTSC
Video & Audio	Compression Standard	H.264
	Image Resolution	Support 1080 / 960P / 720P / 480P
	Replay Quality	Support 1080 / 960P / 720P / 480P
	Screen Display	Support 8 screens at the same time
	Audio Compression	G.726
	Recording Method	Synchronous recording of audio and video
	Video Capacity	1080P: 2G/hour/ channels. 960P: 1G/ hour/ channels. 720P: 750M/ hour/ channels. 480P: 250M/hour/channels.
	Local Replay	Replay by file

Item	Parameters	Feature
Software Upgrade	Upgrade Mode	Manual upgrade, automatic upgrade
	Upgrade Method	USB interface, wireless network (WIFI, 4G module optional)

interface	Audio & Video output	Support 8ch AHD 1080P high-definition video input, 1ch CVBS video and audio synchronous output
	Alarm Input	4 digital inputs
	Storage Interface	1 SDXC high-speed card (SD card supports up to 512G), 1 1T hard disk
	USB Interface	1 USB 2.0 (support mouse operation), external removable hard disk, flash drive
	ACC Input	1 channel ACC signal
	LED Indicator	PWR/REC/(GPS/NET optional)
	G-Sensor	Support G-Sensor collision detection
(選配) 擴展功能	GPS	Support antenna insertion/removal/short circuit detection
	4G	Support CDMA/EVDO/GPRS/WCDMA/FDD LTE/TDD LTE
	WIFI	802.11b/g/n, frequency 2.4GHz
Other	Power Input	DC : 10.4V~39V
	Power Output	+5V 300mA, +12V 1.5A
	Power Consumption	Standby less than 0.2mA, in line with vehicle regulations. Maximum power consumption 24W @24V 1A
	Operating Temperature	-20 ~75°C
	Storage Temperature	-30~+85°C