

SSD/HDD Mobile DVR (SOLO-M04-SB)



Main Features:

- Rugged onboard video recorder, proven solution, designed for long-term use in motor vehicles
- Support multi-channel simultaneous recording (WD1 960*576 resolution) and display in LCD
- Display can be configured to show all channels or only selected reverse camera
- **Smart extended recording duration** without draining the vehicle battery
- Die-cast aluminum chassis with fan-less design (water and dusk resistant grade \geq IP53, while maintaining good heat dispersion)
- Video encoded into H.264 format and can be easily exported to USB thumb drive for play on any PC without a need to install special player software
- Support backup recording to SD card when main recording media HDD/SDD fails; meanwhile, important event recording can be simultaneously recorded to both HDD/SSD and SD for data integrity and redundancy.
- 4G/LTE and WiFi module (optional) support remote video streaming, remote replaying and remote downloading. Email alarms can also be triggered immediately if there is any device malfunction or vandalism to the device/camera
- Support USB video export
- Allows user to tag a description to each camera
- Provides user authentication with password protection
- Industrial grade vibration absorption system to protect HDD
- SSD/HDD box with lock for vandal prevention
- Industrial grade and support wide voltage range 6-36V
- Inbuilt high-sensitive GPS and allow GPS location overlay on footage
- System time auto-adjustment by GPS satellite time
- Inbuilt short circuit protection
- Mechanical lock to prevent unauthorized access to the SSD/HDD, SD card and Sim Card if any.

Specifications (SOLO-M04-E Series):

Video/Audio Input	Video Compression:	H.264
	PAL/NTSC Adaptive:	Support
	Video Input Interface:	Aviation Connector (1.0 Vp-p, 75Ω)
	Audio Compression:	G.711
	Audio Input:	4-ch
	Audio Input Interface:	Aviation Interface (linear electrical level, 1 kΩ)
	Two-way Audio:	1 Aviation Interface (Linear electrical level, 1KΩ)
Video/Audio Output	Compression resolution:	WD1 (960*576 resolution)
	Video output:	1-ch, Aviation Interface (1.0Vp-p, 75Ω)
	Frame Rate:	PAL: 1~25 fps, NTSC: 1~30 fp
	Video Bit Rate:	32Kbps~2048Kbps, or user-defined
	Stream Type:	Video/Video&Audio
	Audio Output:	1-ch Aviation Interface (Linear electrical level,



Solo Pte Ltd

Leading Telematics and Security Solution Provider

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		600Ω)
	Audio Bit Rate:	16kbps
	Dual Stream:	Support
Hard Disk Driver	Interface Type:	SATA Interface
	Capacity:	Support 2.5" SATA HDD/SSD
	Technical Patent:	Patented vibration reduction technology
External Interface	Network Interface:	1 RJ45 10M/100M adaptive Ethernet Interface
	3G antenna interface:	SMA interface (optional)
	USB Interface:	1 USB 2.0 interface
	SD Card Interface:	Support 1 SD/SDHC card for recording
	Alarm Input:	3-ch high/low-level signal input
	Alarm Output:	2-ch
	GPS:	Build-in GPS module
	SIM/UIM:	1 standard SIM/UIM slot (optional)
	Driving Information Collection:	4-ch high/low-level signal input, 1-ch pulse signal input (reserved)
	Network Interface:	1 RJ45 10M/100M adaptive Ethernet Interface
General	Power Supply:	Input: +6 ~ +36 VDC; Output: +12 VDC / 2A, +5 VDC / 2A
	Consumption:	≤ 20W
	Working Temperature:	-15 C ~ +55 C (5 oF ~ 131 F)
	Working Humidity:	10% ~ 95%
	Weight:	≤ 1.5 kg



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