High-end HDD Car Mobile DVR M50

High-performance HDD mobile DVR

● WIFI and 3G/4G switch freely

● Connect acceleration sensor, temperature sensor, oil amount, control panel and other peripherals through the preset interface

● Support IP intercom

● Black box function, recording speed, position, ACC, temperature, brake, reverse, turn, alarm and other important information.

● With aviation connector, stable and reliable, using time longer

● **Features**
  ◎ Industrial level material, special interface for mobile DVR
  ◎ The latest technology of audio and video compression
  ◎ Support 4CH audio& video
  ◎ Professional and special file system
  ◎ 3G/4G,WIFI, GPS for optional
  ◎ Support PTZ local and remote control
  ◎ Support 1 HDD and 1 SD card
  ◎ Support USB interface
  ◎ UPS supply power
  ◎ Power on quickly
  ◎ IP intercom
  ◎ Support mobile control management platform (optional)

Device Model:

MODEL	HDD	SD1	USB	GPS/BD	WIFI	3G/4G	ETH
M50-SNNN	●	○	●	○	○	○	●

● Standard
○ Optional

Specification：

ITEM		DESCRIPTION
Industrial Design		ARM Linux
GUI		Setup system parameters through the Panel controller
Language		Chinese, English, other(optional)
Security		User password management
Video and preview	Video input	4 channel input; 1 channel output; 1.0Vp-p, 75Ω
	OSD	Overlays letters… like date & time information and vehicle ID into video streaming
	Video Compression Criteria	H.264.With Hisilicon technology
	Dual stream	Support.(High bit-rate stream used for local HD stroge,low bit-rate stream used for network transmission)
	Resolution	Support CIF、HD1、D1
	Video quality	1-5 levels, 1 is the highest level and 5 is the lowest level
	Video Bit Rate	CIF: 256Kbps ~ 1.5Mbps, 5 quality level support
		D1: 800Kbps ~ 3Mbps, 5 quality level support
	Preview	Support 1 channel and 4 channels preview. PAL: 25Frame/s NTSC:30Frame/s
Audio	Audio Input	2 channel input;
	Audio Output	1 channel output
	Compression	G.726

Record	Storage	1 HDD and 1SD card, SD card: max 128G, support SDHC standard, SD card can set as mirror record, video lost record, no record. Support independent cover (delete video is the earliest time)
	File Type	H.264 ASF、FAT32
	Recording Mode	Default auto recording after power on, support timed recording, alarm recording.
	Video Search	Search video by time, type (normal or alarm), target SD card
	Video playback	Support 1 to 4 channels playback simultaneously Support forward and backward at the speed of: x2, x4, x8, x16.
Alarm	Alarm input	Support up to 8 channels alarm input
	Alarm record	Include the recording within 10 seconds ahead of the alarm starting, and the recording after alarm dynamically adjusted, the range:30s~30 minutes
	Alarm of storage	Support storage alarm
	Alarm of video loss	Support
Communication Interface	Serial Interface	Support 2 RS232 and 2 RS485
	Network interface	RJ45，10M / 100 M adaptive network interface, support 3G routing
G-Sensor		Built-in G-Sensor
Wireless transmission		3G wireless transmission module, WCDMA, CDMA2000, TD-SCDMA system optional (optional), Compatible with GPRS, EDGE;
		Support up to 4G;(optional)
		WIFI Optional
GPS		GPS or BeiDou ;(optional)
Upgrade		Upgrade by SD card or USB
External Interface		Support data export to USB, Interface charge
Power &consumption	Power management	1.ACC ON/OFF 2. System power off according to the delay time

		3.Timing ON/OFF With overload protection, under voltage protection, short protection,
	Power input	DC:+8V ~ +36V
	Power output	+12V@5*0.5A；
	Power consumption	The normal state＜10W；Standby 0W
Working environment	Operating temperature	-25℃ ~ +60℃
	Operating Humidity	10% to 95%
Dimensions		186(W) x 56(H) x 176(D) mm