

iDS-9000HMF1-N Series

(Support IPC)

iDS-9008HMF1-N/IPC 8 ch. NVR

Introduction

Developed on the basis of the Linux operating system, the iDS-9000HMF1-N Series Mobile DVR is capable of providing powerful capabilities such as the audio/video encoding & decoding, 3G, GPS, dual HDD design for data storage, hard disk vibration reduction solution, etc. The DVR is with complete and stable performance, low power consumption and easy installation and maintenance. The product can be widely applied to buses, passenger vehicles and railway, subway, etc.

Available Model

iDS-9004HMF1-N iDS-9008HMF1-N
iDS-9012HMF1-N

Physical interfaces



Main Features

- Dedicated GUI interface and easily operate.
- Support WD1 encoding and adopt H.264.
- Support accessing two 2.5-inch HDDs/SSDs and 1 SD/SDHC card; adopt pluggable way and patented air bags for vibration reduction technology.
- With fan installed in hard disk box, temperature control can be realized intelligently.
- Support 8 digital inputs and 2 analog inputs.
- With pluggable 3G and wifi model, it provides flexible wireless transmission.
- Power-off protection in hardware
- Built-in high sensitivity GPS model
- With OLED display screen, it shows the device's working status.
- With information collection interface, left-turn, right-turn, braking and reversing information of driver can be collected.
- Private aviation connector is adopted to ensure stable signal.
- Delay (0min~6h) shutdown and 24-hour scheduled startup/shutdown.
- Die-cast aluminum chassis. Fan less design.
- Wide-range power input (DC +8 ~ +36V).

Specifications

Available Model		iDS-9004HMFI-N	iDS-9008HMFI-N
Video/Audio input	Analog standard definition video input	4	8
		Aviation Connector(voltage: 1.0Vp-p, impedance: 75Ω), PAL/NTSC	
	Analog high definition video input	none	
	Network video input	4 channels, support POE	
	Audio input	4	8
		Aviation Connector(linear voltage, impedance:1 kΩ)	
Video/Audio output	Video output	3-channel CVBS signal output(aviation connector, voltage: 1.0Vp-p, impedance: 75Ω);Resolution: PAL-704*576, NTSC-704*480.	
		1 auxiliary output	
		1 VGA output, resolution is configurable, and supported resolution are as followings: 1920*1080; 1600*1200; 1280*1024; 1280*720; 1024*768;	
	Audio output	2 channels, Aviation connector(linear voltage, impedance:600Ω)	
Encoding parameter	Video compression standard	H.264	
	Video encoding resolution	WD1/4CIF/2CIF/CIF	
	Video frame rate	PAL:1-25 f/s NTSC:1-30 f/s	
	Video bit rate	32k-2M is configurable, and also can be self-defined (maximum: 4M, unit: bps).	
	Stream type	video stream and video&audio stream are selectable	
	Audio compression standard	G.722	
	Audio bit rate	16kbps	
HDD	Storage	Support two 2.5-inch and 7mm thickness SATA interface HDD/SSD	
	Accessing	Pluggable	
	Protection	The 3 rd generation disk shock absorber design	
	Data backup	Pluggable HDD, eSATA, USB	

Wireless transmission	3G	Extendable WCDMA model
	Wifi	Built-in wifi model, support 802.11 b/g/n, 2.4GHz
GPS positioning	GPS	Built-in high sensitivity GPS
	Beidou	Beidou positioning chip
Function interface	Traffic information collection	4 channels high/low level signal input: 1 channel is reserved for pulse Input.
	OLED display screen	1 unit, with blue background and white word.
	Alarm input	8 channels, high/low level signal
		2-channel OCC analog inputs
	Alarm output	2-channel SPDT(single pole double throw switch) outputs
		2-channel high/low level outputs, 5V
	LAN port	6 RJ45 interfaces, 4 of them support POE
	Antenna interface	One 3G antenna, one wifi antenna, one GPS antenna; They are all SMA interfaces.
	USB/eSATA interface	1 USB 3.0 interface
	Serial data interface	1 RS232 interface, 1 RS422 interface, aviation connector
	SIM card	1 standard SIM card slot
	SD/SDHC card	1 standard SD/SDHC card slot
Others	OS	Embedded Linux operating system
	Power	Input: DC+6~+36V; Output: DC+12V/2A, +5V/2A
	Operating way	IR remote control
	Working temprature	-10℃ - +55℃
	Working humidity	10%-95%