



#### iDS-9000HMFI-N Series

## (Support IPC)

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

#### Introduction

Developed on the basis of the Linux operating system, the iDS-9000HMFI-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.

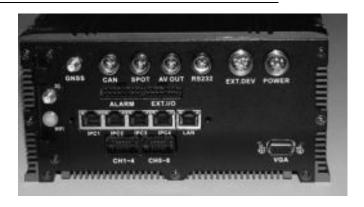
The product can be widely applied to buses, passenger vehicles and railway, subway, etc.

#### **Available Model**

iDS-9004HMFI-N iDS-9008HMFI-N iDS-9012HMFI-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  $\sim$  +36V).



# **Specifications**

Available Model		iDS-9004HMFI-N	iDS-9008HMFI-N
Video/Audio input	Analog standard	4	8
	definition video input	Aviation Connector(voltage: 1.0Vp-p,impedence: 75Ω),	
		PAL/NTSC	
	Analog high definition	none	
	video input		
	Network video input	4 channels, support POE	
	Audio input	4	8
		Aviation Connector(linear	r 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,
	riddio odtpat	impedance:600Ω)	connector(inical voltage)
	Video compression	H.264	
	standard		
	Video encoding	WD1/4CIF/2CIF/CIF	
	resolution		
Encoding	Video frame rate	PAL:1-25 f/s NTSC:1	-30 f/s
parameter	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	G.722	
	standard		
	Audio bit rate	16kbps	
HDD	Storage		and 7mm thickness SATA
		interface HDD/SSD	
	Accessing	Pluggable	
	Protection	The 3 <sup>rd</sup> generation disk sh	
	Data backup	Pluggable HDD, eSATA, US	SB



3G	Extendable WCDMA model	
Wifi	Built-in wifi model, support 802.11 b/g/n, 2.4GHz	
GPS	Built-in high sensitivity GPS  Beidou positioning chip	
Beidou		
Traffic information	4 channels high/low level signal input: 1 channel is	
collection	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	
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%	
	Wifi GPS Beidou Traffic information collection OLED display screen Alarm input  Alarm output  LAN port Antenna interface USB/eSATA interface Serial data interface SIM card SD/SDHC card OS Power Operating way Working temprature	