

HZ-VN-4000A Series HD MDVR

Description

- ★ Embedded compact design, low power, high efficient H.264 compress, high reliability.
- ★ 4CH 1080P or 8CH 720P full HD recording, supports 2TB hard disk & 128GB SD card.
- ★ Optional 3G/4G, GPS, WIFI functions.
- ★ Built-in G-sensor.
- ★ Data protection when in sudden power off, optional inside-laid UPS battery.
- ★ Auto image switch of car left/right turning, backing change.

Features

 8~36V	 7x24h	 1080P
 GPS	 3G/4G	 WIFI
 2TB	 128GB	 Data collection
 Data protection	 -20~+80°C	

Branch model

HZ-VN-4000A-(4H/6H/8H)
 HZ-VN-4000A-(4H/6H/8H)(G/B)
 HZ-VN-4000A-(4H/6H/8H)(G/B)(E/W/T/L)
 HZ-VN-4000A-(4H/6H/8H)(G/B)(E/W/T/L)(F)
 **Product model name () within the optional configuration, the specific configuration, please consult Product sales staff.

Appearance

Front PANEL



No.	Name	Functions
1	LAN	RJ45 port
2	USB	Front USB for data export, upgrade etc.
3	PWR	power indicator blue; stable lighted upon power detection
	USB1/2	USB indicator, green; stable lighted upon connection detection
	SD	SD card indicator, green; to display SD card status
	HDD	hard disk indicator, green; to display data read/write status
	ALM	alarm indicator, orange; stable lighted upon alarm detection
	REC	recording indicator, green; stable lighted when recording
	GPS	GPS indicator, green; stable lighted if signal normal, flash if no signal, lamp off if module no exist
	3G	3G/4G indicator, green; stable lighted if server connected, flash if no connected, lamp off if module no exist
	WIFI	WIFI indicator, green; stable lighted if server connected, flash if no connected, lamp off if module no exist
	HTR	heating indicator; green; when hard disk auto heats
ERR	error indicator; red; when device has error	
4	IR	receiver button, pls do not hide
5	E-lock	Lock/unlock to close or open HDD box. Device cannot boot if unlock. Pls power off to load off hard disk from HDD box, or it may burn hard disk.
6	HDD slot	Place for hard disk, SD card and sim card

Rear Panel



No.	Name	Functions
1	WIFI-A/M	main and auxiliary WIFI antenna port
	GPS	GPS antenna port
	3G/4G	3G/4G antenna port
2	VGA	VGA output antenna port
3	V-OUT	AV output antenna port
4	AV1-8	video input port
5	INTERCOM	intercom port
6	POWER	power port
7	IO-COM-SPEED	expanded function port(RS232, 485, I/O alarm etc.)

Specifications

ITEM	PARAMETER	PERFORMANCE
System	Language	English
	Operation System	Linux
	Interface	Imaging menu operation interface (OSD Menu)
	Password Security	Two levels authority: admin, user
Video	Video Input	4/8 composite video input
	Video Output	1 composite video output & 1 VGA output
	Video standard	PAL, NTSC
	Video compression	H.264 Main profile, 100 frame / sec
	Video Display	Single/Quad screen video
Audio	Audio Input	4/8 audio input
	Audio Output	1 audio output
	Audio Code	G726
	Way of recording	Simultaneous AV recording
Image Processing & Storage	Image format	CIF/HD1/D1/720P/1080P optional
	Standard of Video Stream	ISO14496-10
	Video code rate	CIF: 1536Kbps ~ 128Kbps
		HD1: 2048Kbps ~ 380Kbps
		D1: 2048Kbps ~ 400Kbps
		720p: 2048Kbps ~ 4096Kbps
		1080P: 2048kbps~8192kbps
	8 levels of image quality: class 1 the highest and class 8 the lowest.	
Audio Code Rate	40KB/s	
Data Storage	Support 1x 2TB HDD & 1x 128GB SD storage	
Alarm	Alarm input	8x Alarm input
	Alarm output	2x Alarm output, with 12V high electrical level
Communication Port	RS232 port	2x RS232
	RS485 port	2x RS485
	RJ45 Port	1x 10M/100M auto adjust Ethernet port
Extendable Port	Intercom	support
	Speed pulse	External connect
	Others	LED panel
Wireless Modules	3G WCDMA	optional
	4G LTE	optional, support TD-LTE/FDD-LTE
	WIFI	optional, 802.11b/g/n
	GPS	Optional, embedded module, show Geo-location, speed etc. Wireless upload function (Optional)
Acceleration sensor	G-sensor	Built-in
Software	Vehicle Network Management System (VNMS / CMS)	3G/4G video monitoring and GPS tracking etc.
	Vehicle Analysis Software (VAS)	PC/ Web/Android/iPhone/iPad platforms, multi-languages.
		Video playback and analysis