


## Mega Pixels HD HDD MOBILE NVR—MNVR9204



 Easily Smart WIN8 Interface, saving time in device setting.

### MAIN FEATURES

H.264 Compression□4CH Real-time 720P/1080P High definition camera input.

2CH video output (1CH CVBS video, 1CH VGA output for optional.)

Exclusive pre-allocate File System protect data completeness,prevent SD Card fragment,ensure data stable and complete.

8-36V wide voltage with low power consumption.

Unique UPS Technology ensures the integrity of record when power failure occurs,even can for 8-10s.

HDD+SD Card Storage ( Support 2.5" HDD, max 128G SD Card) protect from Shock & Dust damage ;support USB port data backup and device update;

Support 2 USB interfaces, data backup and device upgrade.

Support 8CH alarm input (1CH Analog + 7CH IO Alarm input ), 2CH independent alarm output.

Support 1 CH CAN port.

Support HDD heating functions,can work in harsh environment.

Support GPS/BD/G-Sensor Extension modules;

Realize real time monitor through 3G/4G;

Support WIFI module, can download data automatically.

Support Broadcast/Intercom/Text sent etc;can add oil sensor/temperature sensor/POS/LED Advertisement Panel;

Supporting the ministry of communications agreement.Support SMS remote configure/ control device;

OTA(On-The-Air) Device automatically upgrade function, can upgrade to updated version , maintenance is more c

onvenient.

Support voice call function.

Support IOS/Android Phone Remote monitor

High level aviation interface,easily installation and better shockproof, more stable;

#### Product Features:

- ◆ HIS Solution,H.264 Compression, Multiple stream recording, support 4CH 1080P AHD Mega pixels camera input;
- ◆ High quality real time recording,1080P/ 720P/CIF/HD1/D1 Optional, quality adjustable;
- ◆ Professional Car Power Design,8-36V wide voltage,Provide reverse voltage/overload/short circuit protection, to meet kinds of car application;
- ◆ Support 12VDC output voltage,power supply for Camera/Screen etc;
- ◆ HDD+SD CARD record (support 2.5'' HDD + max 128GB SD Card ),protect NVR from shock & Dust damage;
- ◆ Watchdog abnormal restart function,protect SD Card and Record;
- ◆ Exclusive pre-allocate DVR Special File System Technology,Solving repeatedly wipe cause file fragmentation, and ensure the integrity of the data.
- ◆ ACC Delay off,can set 24 hours;
- ◆ Unique UPS Technology ensures the integrality of record when power failure occurs,even can for 10-15s.
- ◆ Auto Record/Manual Record/Alarm Record etc working mode to meet different requirements;
- ◆ Show Car status/Plate/Driving Route/Low Speed/Over Speed information for convenient management;
- ◆ Support GPS/BD,3G/4G Module Optional,WIFI extend;
- ◆ Strong Network,phone device configure ,Support SMS Get device information and configure;
- ◆ Support Video&Audio Monitoring,Intercom, PTZ, Alarm,Over speed,Geo Fence etc through remote control platform;
- ◆ 7CH Alarm input(Door Open,Light,Turn direction,brake,reverse etc),can linkage kinds of alarm;
- ◆ 2CH alarm output, Support the linkage acousto-optic alarm, cut off fuel oil/power,etc .
- ◆ 1CH CAN port, get the information of car.
- ◆ High level aviation interface,easily installation and better shockproof, more stable;

- ◆ Easily Smart GUI Interface, saving time in device setting;
- ◆ Strong Stable Application,Support Real-time monitor, talk-back,playback,record,picture snap etc;
- ◆ Updated through SD or OTA Remote Automatic updating,more stable and convenient;
- ◆ Support Phone Remote Monitor,3G Phone Calling etc;
- ◆ Support PTZ/POS/Oil Sensor/LED Advertisement Panel etc;
- ◆ Support Ministry of Transport Standard Agreement
- ◆ Be Customized according your request;

## Main Functions

Item	Parameter	
OS	Linux	
Language	Chinese/English/Others (can be customized)	
Video Compression	H.264 Compression Mode	
OSD	Overlays information such as date time and vehicle ID	
GUI	Graphical User Interface	Can connect to external LED screen. Setup system parameters with the remote control.
Video Record System	Video Input	4CH 1080p input ,aviation connector.
	Video Output	1CH CVBS+ VGA output for optional, 1.0Vp-p, 75Ω
	Preview	Support 1 channel and 4 channels preview.,Support Manual/Alarm Trigger full screen preview
	Resolution	1080p/720p/D1/HD1/CIF, MAX:4 channels 1080p
	Video Quality	0-7 levels, 0 is the highest level, 7 is the lowest level.
	Video Standard	CIF: 256Kbps ~ 1.5Mbps, multi levels video quality optional HD1: 600Kbps ~ 2.5Mbps, multi levels video quality optional D1: 800Kbps ~ 3Mbps, multi levels video quality optional 720P:4Mbps-6Mbps, multi levels video quality optional 1080P:4Mbps-8Mbps, multi levels video quality optional
	Record Mode	The default setting is auto recording after power on. Timed recording, alarm trigger recording and manual recording are supported.
Audio	Audio Input	4CH
	Audio Output	1CH
	Compression	G.711 compression, 8KB/s speed
Alarm Input	8CH IO Alarm Input; Support alarm linkage function	
Alarm Output	2CH power on/off Alarm Output, Support the linkage acousto-optic alarm, cut off fuel oil/power,etc	
Communication Interface	2CH RS232, support extension device, such as POS machine, Oil Feul sensor, LED advertising screen , etc.	
	2CH 485 interface, can connect PTZ,etc.	
	1CH CAN interface.	
Wireless transfer	Support Built-in 3G/4G network, WCDMA,CDMA2000,TDD-LTE,FDD-LTE... TD-SCDMA Compatible with GPRS,EDGE	
Position	Support Built GPS/BD Module,can make playback analysis of vehicle routing	
G-Sensor	Support G-sensor	
Video Storage	Storage	2.5'' HDD+ SD Card,each max 2TB HDD + 128GB SD Card mirror recording to protect data from loss
	Upgrade	Support USB flash disk updating,SD card upgrade , OTA remote upgrade automatically
	File Format	.264 General video format
	File System	Professional MNVR File System
	USB	Front panel supports USB port, support USB flash disk upgrade to backup; hard disk box USB port, can back up video data
Video Playback	Video Search	Search video by Record Time/Record Type etc
	Playback	Max support 4CH Replay /Stop/Fast Forward/Fast Reverse at same time
		Support x 2,x4,x8,x16. fast forward or fast backward play
Safety Management	User/Admin 2 Levels Different Passwords , support screen lock	
Voltage & Power Consumption	Power Management	Adaptive wide power input, support Wide Voltage, Over-load,Over-voltage,Short Circuit,Reverse Protection..Support Time Setting/Delay power off
	Voltage Input	DC:+8V ~ +36V
	Voltage Output	+12V@2.5A, +5V@2.5A
	Power-off Protection	UPS Technology,All video information can be saved automatically when the power is cut off, and make sure that all the files can not be damaged.
	Power Consumption	Normal Working 5W
Working Environment	Temperature	-20°C to +70°C
	Humidity	20% to 80%
others	Size	187[D]* 188[W]* 67[H] mm
	Net Weight	1.8kg