VEHICLE NVR

F E A T U R E S

This series of products is a fully functional Hard Disk Driver 4G mobile DVR designed for the mobile surveillance market. Support wide power Voltage input, maximum support 2TB HDD+ 512G SD card video recording; Use professional and reliable aviation plug connector; High - appearance, enough materials, good heat dissipation; The device has powerful functions, rich interfaces and low power consumption; Simple installation, easy operation, and extremely stable; widely used in passenger Coach, buses, taxis, school buses, logistics vehicles, dangerous goods vehicles, Sedan cars, ships, etc

The detailed features are as follows：

- Industrial design, stable and reliable, easy to install
- Video adopts the international mainstream H.265 encoding format, and the audio adopts G711a encoding. It can support up to 8 channels of 1080P 15fps.
- Professional vehicle power supply, can adapt to 8 to 36V ultra-wide voltage input, with multiple protection circuits such as overload/short circuit/reverse connection
- Highly reliable aviation plug input and output interface, easy to install and plug, and stronger Vandal-proof performance
- Support 8 channels of video and audio input, frame rate and image quality are adjustable
- Support 1x2.5inch HDD/SSD +1x512GB SD Card Storage
- Built-in Farad capacitor. The video content has power-off protection function
- Support video loss alarm function
- Independent delay Power shutdown , can support the system to continue running after the vehicle is turned off, the delay time can be set by yourself

HWR-CH5913-S5

- Supporting CMS client plaftorm, providing multiple functions such as playback, analysis, management, etc.
- Support SD card and U disk to upgrade firmware, support network remote firmware upgrade.
- Support 8 x IO alarm input, 2 x IO alarm output
- Support 2 x RS232 and 1 x RS485 interface
- Support 4G, GPS
- HWR-CH5913-S5 Support WiFi function

MAIN FUNCTIONS

ITEM	DESCRIPTION	FEATURE
Video Subsystem	Video channel	8 channels, 1 to 8 video channels ,8 audio channels
	Resolution	Support 8 channels 1080P, 720P, D1, CIF, etc.
	Picture quality	Multiple levels are optional
	OSD	Various characters can be superimposed, such as date and time and channel ID, etc
	Loop recording	Support HDD/SD card loop recording and loop coverage
	Video mode	Support boot recording, timing recording, alarm trigger recording
	Preview	Support single screen and multi screen
Playback Subsystem	Video search	Supports search at any time within a certain day, and multiple search types are supported
	Replay	Support multi-channel comparison playback
		Support fast forward and fast rewind, respectively supporting 2, 4, 8, 16 times speed optional
		Support alarm point search and time point search
GUI	Graphical interface	Support configuration of various parameters through the remote control
Other	Power ON/OFF	Support delay power on/off
		Support car key power on/off and time power on/off machine

SPECIFICATIONS

ITEM		PARAMETERS
OS		Embedded Linux
System language		English, Spanish, Portuguese, Vietnamese, Russian, Turkish, Chinese, other(customizable)
Video compression format		H.265/H.264 compression format
OSD		Character superposition function, support time and date, vehicle ID and other information image superposition
GUI	Graphic interface	System parameters can be set through external display and remote control operation

Video and recording system	Video input	8CH video inputs (aviation plug interface), 1.0Vp-p, 75Ω
	Video output	1CH mixed video output, 1CH VGA output, 1.0Vp-p, 75Ω
	Preview function	Single-channel or multi-screen splicing preview, support manual/event trigger full-screen display function
	Video resolution	Supports 1080P/720P/D1/CIF optional, and the maximum can support 6 channels 1080P 20fps
	Record mode	Default automatic recording, support ACC recording, manual recording, alarm recording, etc.
Audio	Audio input	8CH, aviation plug
	Audio output	1CH, aviation plug
	Format	G.711a compression format, Rate 40KB/s
Alarm	I/O input	8CH I/O inputs, with alarm linkage function
	I/O Output	2CH I/O output
Serial Port	RS233	2 x RS232
	RS485	1 x RS485
Network	4G	Support built-in 4G function
	WiFi	HWR-CH5913-S5 Support WiFi function
Positioning		Support built-in GPS/BD(GPS/GLONASS) module
USB		Support 1 x USB interfaceSupport 1 x USB interface
Sensor		Support G-SENSOR acceleration sensor
Video Storage	HDD/SSD	Support 1x2.5inch HDD/SSD, loop recording
	SD Card	Maximum support 1x512G SD card, loop recording
	File format	H.265/H.264
Video Playback	Video search	Search for recording video files by recording time, recording mode, etc.
	Playback	Support multi-channel synchronous playback, support fast forward and fast reverse, support 2, 4, 8, 16 times speed optional
Upgrade	Firmware upgrade	Support Hard disk and SD Card Upgrade, Support Network upgrade
Power	Power Management	Adaptive wide power Voltage input, with protection functions such as overload, overvoltage, undervoltage, short circuit, and reverse connection; Support timing power on/off , delayed power on/off function
	Input voltage	DC:8 ~ 36V
	Consumption	Normal work maximum：5W, standby：0.5W
Working environment	Temperature	-20°C to +70°C
	Humidity	20% to 80%
Safety	Password access	Two-level management of user password and administrator password

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