



FEATURES:

- Built-in high performance Hisilicon chipsets, coded with H.264 standard, high compression rate and image quality
- 4CH AV Inputs with AHD 720P/960H/D1/CIF optional, 1CH synchronized AV output, 1CH VGA output
- 4CH local recording with 720P resolution in real time

Power:

- Professional In-Vehicle power design, 10-36V DC Wide Voltage Range
- Multi protection circuits like under-voltage, short, reversed plug-in
- Smart power management system, shutdown under low voltage, low consumption

Data Storage:

- Special file management system to encrypt and protect the data
- Proprietary technology to detect the bad track of the hard drive which can make sure the continuity of video and long service life of the hard drive
- Built-in ultracapacitor, avoid data loss and sd card damage caused by sudden outage
- Support 2.5 inch HDD/SSD, maximum 2TB
- Support SD card storage, maximum 256GB

Transmission Interface:

- Support 3G/4G transmission, LTE/HSUPA/HSDPA/WCDMA/EVDO/TD-SCDMA
- Support GPS/BD optional, high sensitivity, fast positioning
- Support wireless download by WiFi, 802.11b/g/n, 2.4GHz

Technical parameter:		
Item	Device parameter	Performance
System	Main processor	Hi3520DV200
	Operating system	Embedded Linux OS
	Operating language	Chinese/English
	Operating interface	GUI, support mouse
	Password security	User password/Admin password
Audio & Video	Video standard	PAL/NTSC
	Video compression	H.264
	Image resolution	720P /960H/D1/CIF
	Playback quality	720P /960H/D1/CIF
	Compound mode	4ch 720P/4ch 960H/2ch 720P+2ch 960H
	Decoding ability	1ch 720P real time
	Recording quality	Class 1-6 optional
	Image display	Single/QUAD display optional
	Audio Compression	G.726
	Audio recording	Audio & Video synchronized recording
Recording & Playback	Recording mode	Manual/Alarm
	Video bit rate	Full frame 4096Mbps, 6 classes image quality optional
	Audio bit rate	8KB/s
	Storage media	SD card + HDD/SSD storage
	Video inquiry	Inquiry by channel/Recording type
	Local playback	Playback by file
Firmware upgrading	Upgrading mode	Manual/Automatic/Remote/Emergency Recovery
	Upgrading method	USB disk/Wireless network/SD card
Interface	AV input	4ch aviation interface
	AV output	1ch VGA video output, 1ch aviation AV output
	Alarm input	4 digital inputs (2 Positive trigger, 2 Positive/Negative trigger)
	HDD/SSD	1 HDD/SSD (up to 2TB, support hot plug/unplug)
	SD card	1 SDXC High speed card (up to 256GB)
	USB interface	1 USB 2.0 (support U disk/mouse)
	Ignition input	1 ACC signal
	UART	1 LVTTTL Level
	LED Indication	PWR/RUN
	Disk lock	1
	Debug port	1
Function extention	GPS/BD	Support detecting antenna Plug in/Unplug/Short circuit
	3G/4G	Supports CDMA/EVDO/GPRS/WCDMA/FDD

		LTE/TDD LTE
	WIFI	802.11b/g/n, 2.4GHz
Others	Power input	10~36V DC
	Power output	5V 300mA
	Power consumption	Standby 3mA Maximum consumption 18W @12V 1.5A @24V 0.75A
	Working temperature	-20 --- 70°C
	Storage	720P 1G/h/channel 960H 750M/h/channel
	Dimension	162mm*153mm*52mm

Front Panel:



Back Panel:

