

AHD High Resolution Dashcam



FEATURES

- Built-in high performance HiSilicon chipsets, coded with H.264 standard, high compression rate and clear image quality
- Built-in G-sensor, monitor driver's behavior in real time
- Auxiliary ranging for reverse image
- Video horizontal and vertical mirror adjustment
- Built-in 1ch AHD 1080P camera
- Can connect with 3 external cameras (for optional)
- Standard configuration: not including monitor; but can connect an external monitor with CVBS output
- Support platform management (4G function for optional)

POWER

- Professional In-vehicle power design, 8-26V dc wide voltage range
- Multi protection circuits like under-voltage, short, reversed plug-in, suitable for various types of vehicles.
- 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 USB plug-in Mobile hard disk (only support SSD), max 2TB
- Support SD card storage, max 256GB

TRANSMISSION INTERFACE

- Support GPS/BD optional, high sensitivity, fast positioning
- 2.4GHz Support wireless download by WIFI, 802.11b/g/n, 2.4GHz

- Built-in 3G/4G, support LTE/HSUPA/HSDPA/WCDMA/EVDO (for optional)

TECHNICAL PARAMETER		
Item	Device Parameter	Performance
System	Main Processor	Hi3521A
	Operating System	Embedded Linux OS
	Operating language	Chinese/English
	Operating Interface	Graphical menu interface, support mouse operation
	Password Security	User password/Admin password
Video&Audio	TV System	PAL/NTSC
	Video Compression	H.264
	Image Resolution	1080P/720P /960H/D1/CIF
	Playback Quality	1080P/720P /960H/D1/CIF
	Decoding Quality	Support 4ch 1080P real time, but 1ch 1080P for standard configuration
	Recording Quality	Class 1-6 optional
	Image Display	Support 1, 2, 3, 4 display (for optional)
	Audio Compression	G.726
Recording & Playback	Audio Recording	Video & Audio synchronized recording
	Recording Mode	Auto recording/alarm recording/alarm recording lock
	Video Bit Rate	Full frame 4096Mbps, 6 classes image quality optional
	Audio Bit Rate	8KB/s
	Storage Media	SD card
	Video Inquiry	Inquiry via channel. Recording type or alarm type
Software Upgrading	Local Playback	Signal channel playback as time
	Upgrading Mode	Manual/Auto/Remote Upgrading
Interface	Upgrading Method	USB interface/Wireless network/SD card
	AV Input	1 channel 1080P AHD camera; 3 channel aviation AV input (for optional)
	AV Output	1channel aviation AV output, video format: CVBS
	Alarm Input	4 digital inputs
	SD card	2 SDXC high speed card (max 256G)
	USB interface	1 Mini USB (support mouse operation, USB plug-in SSD)
	Ignition Input	1 ACC Signal
	UART	1 TTL Level
	LED Indication	PWR/REC/SD/HDD/ALM/4G/GPS/WIFI
Extended Function	Disk Locker	1
	GPS	Support detecting antenna Plug in/Unplug/Short circuit
	2G/3G/4G	Support CDMA/EVDO/GPRS/WCDMA/FDD LTE/TDD LTE
Others	WIFI	802.11b/g/n, 2.4GHz
	Power Input	DC: 8V~36V
	Power Consumption	Standby 3mA

		Max power consumption 18W @12V 1.5A @24V 0.75A
	Working temperature	-20 - 70°C
	Storage	1080P 1.8G/H/Channel 960H 750M/H/ Channel
	Dimension (L*W*H)	162mm*153mm*52mm