

EZ720p AHD High Definition Mobile Video Recorder



Built-in high performance HiSilicon chip sets, coded with H.264 standard, high compression rate and image quality.

- 4CH AV Inputs with AHD 720P/960H/D1/CIF options, 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 protection & reversed plug-in
- Smart power management system, shutdown under low voltage, low consumption when in standby

Data Storage:

- Special file management system to encrypt and protect the data
- Proprietary technology to detect the bad track of the SD card which can make sure the continuity of video and long service life of the SD card
- Built-in ultra-capacitor, helps to avoid data loss and SD card damage caused by sudden power interruptions
- Supports SD card storage, maximum 128G
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Transmission Interface:

- Supports GPS/BD optional, high sensitivity, fast positioning
- Supports wireless download by WiFi, 802.11b/g/n & 2.4GHz

Technical Parameters

Item	Device parameters	Performance
System	Main processor	Hi3520DV200
	Operating system	Embedded Linux OS
	Operating interface	GUI, Supports mouse and IR Remote control
	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 options
	Image display	Single/QUAD display options
	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 storage
	Video inquiry	Inquiry by channel/Recording type
	Local playback	Playback by file
Firmware Upgrading	Upgrading mode	Manual/Automatic/Remote
	Upgrading method	USB disk/Wireless network
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 negative trigger)
	SD card	1 SDXC High speed card (up to 128G)
	USB interface	1 USB 2.0 (supports U disk/mouse)
	Ignition input	1 ACC signal
	UART	1 LV TTL-Level
	LED Indication	PWR/RUN/SD/ALM
	SD card lock	1
	Debug port	1
Function extension	GPS	Supports detecting antenna Plug in/Unplug/Short circuit
	WIFI	802.11b/g/n, 2.4GHz
Others	Power input	10V~36V DC
	Power output	5V @ 300mA
	Power consumption	Standby 3mA Maximum consumption 18W @12V 1.5A @24V 0.75A
	Working temperature	-4 to 158 °F
	Storage	720P 24G/day/channel 960H 12-20G/day/channel
	Dimensions	5.6" x 6" x 1.26"

Front Panel



Rear Panel

