

Mobile Digital Video Recorder

Overview



Dianwei SVN-A6H42G is a functional Mobile Digital Video Recorder specially designed for vehicle video surveillance and remote monitoring. It has a high-speed processor and embedded operating system, combining with the most advanced H.264 video compression / decompression technology, 3G/4G network, GPS positioning technology, as well as WIFI. It supports not only video recording in 1080P, 720P, AHD, D1, HD1 and CIF formats, but also vehicle travel information recording and wireless data upload. With center software it also achieves alarm linkage central monitoring, remote management and playback analysis. It is easy to use with simple design, multi-functions, HDD+SD card, superior anti-vibration, flexible installation and high reliability.



Key Features

- Supports 4 channels AHD 1080P
- Supports GPS for location tracking
- Supports WIFI for video files download, optional.
- Built-in 3G/4G for live view and remote management
- VGA output standard
- Built-in G-sensor

Technical parameters

Model	SVN-A6H42G	
Item	Parameter	
OS	Linux	
Video Compression	H.264	
OSD	date/time, vehicle ID, etc	
GUI	Graphic OSD	Connect to external monitor, use mouse to set parameters
Video& Recording	Video Input	4CH 1080P AHD, 4pin Aviation Din, 1.0Vp-p, 75Ω
	Video Output	1CH output+VGA output, 1.0Vp-p, 75Ω, 1CH/4CH
	Preview	1/4ch split display, Support Event alarm, Rear view full display function.
	Resolution	4CH 1080P, and 720P、D1、HD1、CIF optional,
	Image quality	0-7 levels adjustable (0 is the best)
	Recording	Boot up/Manual/Schedule/Alarm

	Mode	
Audio	Audio input	4CH
	Audio output	1CH
	Compression	G.726 , Speed 8KB/s
Alarm Input		4CH
Alarm Output		1CH
Serial Interface		1CH RS485 (can be expansible to 2ch RS485 and 2ch RS232)
Wireless transmission		Optional, 3G/4G,WCDMA,CDMA2000,TDD-LTE,FDD-LTE....
Position / G-sensor		GPS optional 、 built-in G-sensor , Playback of the route
Storage	Storage	Maxium 1*2TB HDD, 1*256GB SD card
playback	Video search	by time, mode, etc to search
	playback	4CH playback
		2X, 4X,8X, 16X forward and backward
Safety management		user password, admin password, support screen lock.
Expanding function	TTS	Support TTS voice broadcasting
	Serial expansion	Can support advertisement screen, PTZ, oil sensor, etc
Power and consumption	power management	wide voltage adaption, support timely open-shut, delay function.
	Input voltage	DC:+8V - +36V
	Output voltage	+12V@1.5A , +5V@1.5A
	Power protection	can automatically save the video when sudden power off to ensure the protection of the file.
	consumption	Working state < 14W , idle < 0.5W
Working environment	Temperature	-20℃ - +70℃
	Humidity	20% - 80%
HDD model	Dimension	162mm*180mm*50.5mm
	Weight	Approx. 2.35KG (without HDD)