SX904

4G 4-Channel Mobile DVR

SX904 is a 4G MDVR that supports 4 channels of 1080p video input. It features a unique design without a hard drive and supports two 512GB SD cards. With its compact size, it is easy to install and transport. The device has an aluminum alloy shell, ensuring good heat dissipation. It supports emergency alarm function, 4-channel digital signal input, 1-channel digital signal output, and 2 RS232 serial ports for connecting various peripherals. Additionally, the device is equipped with built-in AI algorithms, supporting ADAS, DMS, and 360-degree video stitching. It effectively helps drivers enhance transportation safety and reduce pedestrian and vehicle accidents

Key Features

4-CH Camera

The device supports:
4 channel camera simultaneous working.

AI Algorithm

The device supports:
DMS and ADAS three algorithms.

Built-in WIFI

WIFI can be used as WiFi Hotspot.

Multiplex Input and Output

Support up to 4 digital input interfaces, 1 digital output interface, 2 RS232 interfaces.

External devices such as RFID reader, fuel sensors and PTZ can be integrated.

H.265/H.264 Encode and Large Memory

H.265/H.264 encoding and decoding to improve the memory space utilization.

Mini size as no hard disk.

Supports 2 maximum 512GB SD cards.

Convenient Operation

Configured with a graphical menu operation interface, you can use the mouse or the remote control to configure the parameters.

Product Specifications

Category	Specification	Details
Hardware	Operation System	Linux
	CPU	A9 Dual-Core processor@1.4GHz
	CPU Memory	DDR3 4GB
	GNSS	GPS+BDS(with external G-mouse)
	Memory	SD card(Max. 512G)*2
	G-sensor	3-axis acceleration and 3-axis gyroscope sensor
	Speaker	√
	Mic	√
	Sim card	Standard sim
	LED	Power(Red), GPS(Green), 4G(Green), WiFi(Green), SD(Green), HDD(Green), IR(GREEN)
	Alarm I/O	4 input, 1 panic button. 1 output.
	Communication interface	2 RS232 ports, or 1 RS485 port and 1 RS232
	Other	1-channel voice intercom interface, can connect the voice handle
Camera	Video	4-CH CVBS, 1.0Vp-p, 75Ω, 1080P
	ADAS	Lane departure, pedestrian detection, vehicle distance detection, etc.
	DMS	Fatigue driving, smoking, and unsafe driving habit test, etc.
	360 degree	360-degree panoramic view
	Video encoding	H.264/H.265, default H.264
	Video standards	PAL, NTSC
	Video resolution	Encoding capacity for all cameras combined reaches a maximum of 1080P at 100 fps. Encoding capacity for all cameras combined reaches a maximum of 1080P at 120 fps.
	Compression format	G.711A

Product Specifications

Category	Specification	Details
Network	4G LTE	
	SX904-EU	FDD LTE: B1/B3/B5/B7/B8/B20/B28 TDD LTE: B38/B40/B41 WCDMA: B1/B5/B8 GSM: 850/900/1800/1900MHz
	SX904-American	FDD LTE: B2/B3/B4/B5/B7/B12/B18 TDD LTD: B38/B41(100M) WCDMA: B2/B4/B5 GSM: 850/1800/1900MHz
	WIFI	2.4GHz, 802.11 b/g/n
	Protocol	JT/T808-2011, JT/T808-2019, JT/T1076-2016, JT/T1078-2016
Others	Power supply	DC: +9V~+36V
	Operation Temperature	-20°C to +70°C
	Operation Humidity	20% to 80%
	Net weight	450g
	Dimension	195mm*183mm*60mm
	Certification	CE/FCC