

SX912

4G 12-Channel Mobile DVR

SX912 is a 4G MDVR that supports up to 12 channels of 1080P cameras. It has a built-in hard drive with a maximum capacity of 4TB and supports a maximum 512GB SD card. The video encoding is compatible with H.265, making it suitable for long-term storage scenarios. The device is equipped with built-in AI algorithms, supporting ADAS, DMS, and 360-degree panoramic view. It features a pure aluminum alloy shell, ensuring a lightweight and sturdy construction with excellent heat dissipation. This device can be applied to vehicle management, enhancing traffic safety and reducing accidents.



Key Features

12-CH camera	AI Algorithm	Built-in WIFI
The device supports: 12 channel 1080P camera simultaneous working.	The device supports: ADAS, DMS, and 360-degree panoramic view four algorithms.	WIFI can be used as WiFi Hotspot.
Multiplex Input and Output	H.265/H.264 Encode and Large Memory	Easy Use
Support up to 8 digital input, 2 digital output, 2 USB ports, 3 RS232 ports, 1 RS485 port, 2 CAN ports and 1 network interface. External devices such as RFID reader, fuel sensors and PTZ can be integrated.	H.265/H.264 encoding and decoding to improve the memory space utilization. Supports a maximum 512GB SD card and a maximum 4T hard disk.	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	ARM Cortex A53 Quad-core@1.15GHz
	CPU Memory	DDR3 2GB
	GNSS	GPS+BDS(with external G-mouse)
	Memory	SATA HD(Max. 4T)*1, SD card(Max. 512G)*1
	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	8 digital input, 2 digital output.
	Communication interface	2 USB ports, 3 RS232 ports, 1 RS485 port, 2 CAN ports, 110M/100M Adaptive network interface
	Other	1-channel voice intercom interface, can connect the voice handle
Camera	Video	12-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 panoramic view	360-degree panoramic view
	Video encoding	H.264/H.265, default H.264
	Video standards	PAL, NTSC
	Video resolution	Total 1080P at 150 fps
	Compression format	G.711A

Product Specifications



Category	Specification	Details
Network	4G LTE	
	SX912-EU	FDD LTE: B1/B3/B5/B7/B8/B20/B28 TDD LTE: B38/B40/B41 WCDMA: B1/B5/B8 GSM: 850/900/1800/1900MHz
	SX912-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	1600g
	Dimension	195mm*183mm*60mm
	Certification	CE/FCC