







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 
<p>The device supports: 12 channel 1080P camera simultaneous working.</p>	<p>The device supports: ADAS, DMS, and 360-degree panoramic view four algorithms.</p>	<p>WIFI can be used as WiFi Hotspot.</p>
Multiplex Input and Output 	H.265/H.264 Encode and Large Memory 	Easy Use 
<p>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.</p> <p>External devices such as RFID reader, fuel sensors and PTZ can be integrated.</p>	<p>H.265/H.264 encoding and decoding to improve the memory space utilization.</p> <p>Supports a maximum 512GB SD card and a maximum 4T hard disk.</p>	<p>Configured with a graphical menu operation interface, you can use the mouse or the remote control to configure the parameters.</p>

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, 1 10M/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