MC904P
4G 4-Channel Mobile DVR

MC904P is a 4G MDVR that supports 4 channels of 1080p video input. It features a unique design with a 1TB SSD and supports one 512GB SD card. 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, BSD, 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 could supports 4 channel camera simultaneous working.

AI algorithm

The device supports DMS, ADAS and BSD 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.
Supports 1TB SSD and one 512GB SD card.

Convenient operation

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

Product specifications

Hardware	Operation System	Linux
	CPU	ARM Cortex CA9 Dual-Core + NPU@0.7T
	Memory	1* 1TB SSD (M.2 SATA protocol) + 1*512GB SD card
	GNSS	GPS+BDS(with external G-mouse)
	G-sensor	3-axis acceleration sensor
	Speaker	✓
	Mic	✓
	Sim card	Standard sim
	LED	Red(Power),Green(GPS & 4G & WiFi & SD & HDD)
	I/O Ports	4*digital inputs, 1*digital output, 2*RS232
		2*RS232 port or 1*RS485 port and 1*RS232
	Other	1-channel voice intercom interface, which can connect the voice handle
Camera	Video	4-CH AHD, 1.0Vp-p, 75Ω, 1080P
	ADAS	Yes
	DMS	Yes
	BSD	Yes
	Video encoding	H.264/H.265, default H.264
	Video standards	PAL, NTSC
	Video resolution	Options: 1080P/720P/D1
		Total 1080P at 60 fps
	Compression format	G.711A
Network	MC904P-EU	FDD LTE: B1/B3/B5/B7/B8/B20/B28
		TDD LTE: B38/B40/B41
		WCDMA: B1/B5/B8
		GSM: B3/B8
	MC904P-LA	FDD LTE: B1/B2/B3/B4/B5/B7/B8/B28/B66
		TDD LTE: B40
		WCDMA: B1/B2/B4/B5/B8
		GSM: B2/B3/B5/B8
	MC904P-NA	FDD LTE: B2/B4/B5/B12/B13/B14/B66/B71
		WCDMA: B2/B4/B5
	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℃ to +70℃
	Operation Humidity	8% to 90%
	Net weight	450g
	Dimension	195mm*183mm*60mm
	Certification	CE/FCC/RoHS