MC904
4G 4-Channel Mobile DVR

MC904 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, 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.Mini size as no hard Disk. Supports 2 maximum 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.

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 port or 1 RS485 port and 1 RS232
	Other	1–channel voice intercom interface, which 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.
	BSD	Left blind area, right blind area detection.
	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 frames per second.
		Encoding capacity for all cameras combined reaches a maximum of 1080P at 120 frames per second.
	Compression format	G.711A

Network		
	4G LTE	
	MC904–EU	FDD LTE: B1/B3/B5/B7/B8/B20/B28
		TDD LTE: B38/B40/B41
		WCDMA: B1/B5/B8
		GSM: 850/900/1800/1900MHz

MC904–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℃ to +70℃
	Operation Humidity	20% to 80%
	Net weight	450g
	Dimension	195mm*183mm*60mm
	Certification	CE/FCC