MC912

4G 12-Channel Mobile DVR

MC912 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, BSD, 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

The device could supports 12 channel 1080P camera simultaneous working.

AI algorithm

The device supports ADAS, BSD, DMS, and 360-degree panoramic view four algorithms.

Built-in WIFI

WIFI can be used as WiFi Hotspot.

Multiplex input and output

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 encode and large memory

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.

Easy use

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 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, which 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.
	BSD	Left blind area, right blind area detection.
	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

Network		
	4G LTE	
	MC912–EU	FDD LTE: B1/B3/B5/B7/B8/B20/B28
		TDD LTE: B38/B40/B41
		WCDMA: B1/B5/B8
		GSM: 850/900/1800/1900MHz

MC912–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	1600g
	Dimension	195mm*183mm*60mm
	Certification	CE/FCC