MC908

4G 8 Channel Mobile DVR

MC908 is a 4G MDVR specifically developed for remote video surveillance. It supports 8 cameras and features embedded Linux operating system, and cutting–edge technologies such as H.265 video compression, 4G networking, GPS/BDS positioning, and WIFI. It supports video recording in format 1080p. Additionally, it allows remote logging of driving information and video uploads. In management platform, remote video surveillance, vehicle management, and playback analysis for alarm integration are supported. The product supports AI algorithm including ADAS, BSD and DMS, effectively assisting drivers in improving traffic safety and reducing pedestrian–vehicle accidents.

Key Features

8–CH camera

The device could supports 8 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 6 digital input interfaces, 1 RS232, 1 RS485 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 to improve the memory space utilization. Supports a maximum 512GB SD card and a maximum 4T hard disk.

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 Dual–Core processor@1.4GHz
	CPU Memory	DDR 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	6 input. 1 output, linkage sound and light alarm, oil and power cut, etc
	communication interface	1 USB port, 1 RS232 port, 1 RS485 port, 1 10M/100M Adaptive network interface
	Other	1–channel voice intercom interface, which can connect the voice handle

Camera		
	Front	8–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
	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	
	MC908–EU	FDD LTE: B1/B3/B5/B7/B8/B20/B28 TDD LTE: B38/B40/B41 WCDMA: B1/B5/B8 GSM: 850/900/1800/1900MHz
	MC908–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