

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.



The device could supports 4 channel camera simultaneous



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.



The device supports DMS, ADAS and BSD three algorithms.



H.265/H.264 encoding and decoding to improve the memory space utilization. Supports 1TB SSD and one 512GB SD card.



WIFI can be used as WiFi



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

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
Camera Support	Other	1-channel voice intercom interface, which can connect the voice handle
	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	LTE: B2/B4/B5/B7/B66 WCDMA: B2/B4/B5 GSM: 850/1900 2.4GHz, 802.11 b/g/n
	WIFI	JT/T808-2011, JT/T808-2019
	Protocol	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	130mm*120mm*50mm
	Certification	CE/FCC/RoHS

Product specifications

FCC Caution:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation..

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator and your body: Use only the supplied antenna.

FCC ID: 2BW4F-MC904