

MDVR-M18Ev



Product Introduction

M18EV is a car mounted device that adopts an integrated structure. The device comes with one front facing camera and integrates 4G, WIFI, GPS, GSENSOR and other modules internally. Equipped with a 1080P high-definition camera, it is both convenient and secure.

Product advantages

- Video encoding H.265 and H.264 are optional
- Built in 4G, WIFI, GPS function modules
- Supports 1 Micro SD card
- Comes with 1 built-in cameras
- Equipped with adhesive surface, supporting quick installatio

Equipment parameters

Project		parameter description
Audio and video input	Video input	Built in 1 channel 1080P (front facing camera, MIPI interface), optional external 3 channels AHD 1080P or 1 channel IPC 1080P (expandable multiple IPC)
	Audio input	1 built-in MIC, 1 external analog audio input, supporting half duplex voice intercom
	AI	Supported, ADAS/DSM/BSD/facial recognition, optional
Audio and video output	Voice output	1 built-in speaker voice output
	Video output	Supports one CVBS/720P/1080P AHD output
Audio and video parameter encoding	video coding	H.265/ H.264 Main Profile
	Video resolution	1080P/720P/D1 optional
	Audio encoding	Default G.711A
storage space	SD card	Supports 2 Micro SD cards
wireless network	4G wireless	Supports 1 SIM card and low-power standby online mode
	WIFI	2.4G
Positioning method	Beidou/GPS	Supports hybrid positioning, speed detection, and time synchronization
interface	Serial port	Supports 1 RS232 and can connect external sensors. Support OBD power supply
	I/O	Supports 1 level input and 1 output, optional: expand 1 analog input
Physical specifications	size	High level alarm input value: 3.3-36V
	weight	Low level alarm input value: 0-3.3V
work environment	working temperature	126mm (L) * 81.5mm (W) * 41mm (H)
	Working humidity	Bare metal: 0.3kg
other	Collision sensing	Packing: 0.65kg (based on M18Ev-DGWE-L)
	Gravity sensing	-20~+70 °C
	Linkage alarm	8% to 90% (without condensation)
	power dissipation	Collision detection after parking, quick boot recording, alarm uploading

Fuselage mechanism



front panel



Rear panel



Side structure