

4ch AI Dashcam

Hero-ME40-02

4 ch (2+2) all-in-one AI Dashcam, compact design, accurate DMS/ADAS and rich interfaces for commercial vehicle, easy to install and configure via mobile App.



Key Features

- Up to 4ch 1080p video input, H.265/H.264 video format
- Built-in 4G LTE, GPS, WIFI, BT (optional)
- 6-axis G-sensor, support HA/HB/HC detection
- Support AI (optional): Face recognition, DMS, ADAS
- Support GSM/VoLTE call. Built-in mic and speaker for two-way communication

Specifications

Model		Hero-ME40-02 V8
General		
OS	Embedded Linux	
Language	English/Chinese (support customization)	
4G	Built-in 4G module, different module option for different bands of regions	
WIFI	Built-in WIFI module, AP mode /CPE mode. Support configuration via mobile App Howen iTool	
Position	Built-in dual mode position mode: GPS+Beidou, GPS+GLONASS （optional）	
G-Sensor	Built-in 6 axis g-sensor, support HA/HB/HC detection	
Video and Audio		
Front view camera	Max. 2Mp@30fps, HFOV: 116°	
Driver camera	Max. 2Mp@30fps, HFOV: 130°	
External camera	Support 2 external cameras, 720/1080p AHD	
Recording ability	Without AI: max. 4x1080p@20fps With AI: max. 4x720p@25fps / 2x1080p@25fps	
Video compression	H.265 (Main/Sub) ; H.264 (Main/Sub)	
Audio		
Audio Input	4	
Audio Output	1	
Storage		
Internal Storage	512 MB (store the backup video clips for critical incidents)	
TF Card	1 x TF card slot, max. 1TB	
Network		
3G/4G module	Multiple frequency bands for different region	
Protocol	H-protocol (web API optional)	
Server	VSS, third-party FMS	
Accessories		
Accessories	Fuel sensor/ RFID reader/ temperature and humidity sensor etc.	
Alarm		
Basic	I/O, HA/HB/HC (driver behavior), over speed alarm etc.	

FR (Face Recognition) (optional)	Face recognition, Driver Leave/Change/Return, Driver abnormal
DMS (Driver Monitoring System) (optional)	1. Eye close 2. Yawning 3. Distraction 4. Smoking 5. Phone use 6. Seatbelt unfastened 7. DMS camera cover 8. IR-block glasses warning (need DMS camera)
ADAS (Advanced Driving Assistance System) (optional)	1. FCW (Forward Collision warning) 2. HMW (Headway Monitoring Warning) 3. PCW (Pedestrian Collision Warning) 4. LDW (Lane Departure Warning)
Interface	
USB	1 x Type C, export video and log, maintenance
Panic button	1, wired panic button, for emergency report
Digital Input	2
Digital Output	1
RS232	1
GND	1
Speaker	1(built-in) 8 ohm, 1.5W
Mic	1(built-in), Support GSM/VoLTE cellular call
Others	
Working voltage	8-36V
Protection of power loss	Support saving crucial video clips when power loss or critical accidents
Sleep Mode	Support low-power mode after ignition off
Working temperature	-20 °C to 70 °C
Dimensions	119mm*77.3mm*30mm
Certificate	CE, FCC, PTCRB, Emark, UKCA, etc.

Dimensions

Unit: mm



Appearance

