6ch AI Dashcam

Hero-ME40-02



6 ch (2+1+3) all- in one AI Dashcam, compact design, accurate DMS/ADAS/BSD/HOD/Co-driver Detection and rich interfaces for commercial vehicle, easy to install and configure via mobile App.

Key Features

- Up to 6ch 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, BSD, HOD, Co-driver Detection
- Support GSM/VoLTE call. Built-in mic and speaker for two-way communication

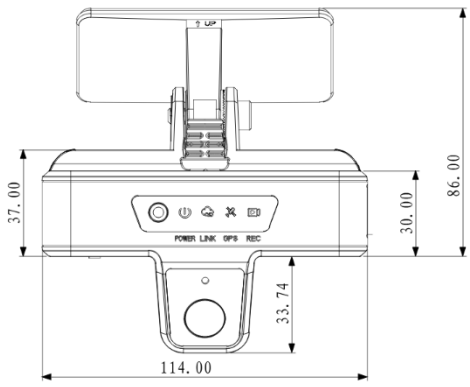
Specifications

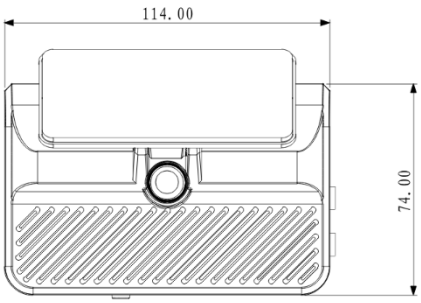
Model	Hero-ME40-02 V8 Pro
General	
OS	Embedded Linux
Language	English/Chinese (support customization)
4G	Built-in 4G module, different module option for different bands of regions
WIFI	Built-in WIFI module, AP mode /CPE mode. Support configuration via mobile App Howen iTool
BLE	BT 5.2
Position	Built-in multi-modes: GPS+Beidou+GLONASS+Galileo+QZSS
G-Sensor	Built-in 6 axis g-sensor, support HA/HB/HC detection
Video and Audio	
Front view camera	Standard. 2Mp@30fps (4MP,5MP for options), HFOV: 116°
In-cab view camera	Max. 2Mp@30fps, HFOV: 128°
External camera	Max support 4 external cameras: 1*1080p AHD+ 3*1080p IPC
Recording ability	With AI: max. 2*1080p@30fps+ 1*1080p@30fps+3*IPC*1080p@30fps Without AI: max.1*5MP@30fps+ 1*1080p@30fps+ 1*1080p@30fps+1*IPC*1080p@30fps
Video compression	H.265 (Main/Sub); H.264 (Main/Sub)
IR LED	Front view camera: N/A In-cab view camera: built-in IR LED
Audio	
Audio Input	4
Audio Output	1
Storage	
TF Card	2 x TF card slot, max. 2*1TB
Network	
4G module	Multiple frequency bands for different region
Protocol	H-protocol (web API optional)
Server	VSS, third-party FMS
Accessories	
Accessories	iButton/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 (max.3000), 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) 5. TSR (Traffic Sign Recognition)
BSD (Blind Spot Detection)	Support max. 1ch of Blind Spot Detection cameras (Mutually exclusive with HOD function)
HOD (Hands Off Detection)	Detects: mobile phone use, hands off steering wheel, seat belt unbuckled (Mutually exclusive with BSD function)
Interface	
USB	1 x Type C USB 2.0, export video and log, maintenance
Panic button	1 built-in
Digital Input	3
Digital Output	1
RS232	1
1-wire	1 (use digital input 3)
CANBUS	1
GND	1
Speaker	1 (built-in),1.5W
Mic	1 (built-in), Support GSM/VoLTE cellular call
Others	
Working voltage	DC 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	-40 ℃ to 70 ℃
Dimensions	114mm*74mm*74mm
Certificate	CE, FCC, PTCRB, Emark, UKCA, etc.

Dimensions

Unit: mm





Appearance

