

# Tracking Hardware UK

AI Dashcam

## Hero-ME40-02



Howen ME40-02 V3 is a high cost-effective all-in-one AI Dashcam, it with compact design, good positioning, accurate DMS/ADAS and rich interfaces for commercial vehicle, also it is easy to install and easy to do the configuration and viewing via mobile App.

### Features

- Up to 2ch 1080p + 1ch 720p video input
- H.265/H.264 video format
- GPS, WIFI, 4G LTE built-in
- 6-axis G-sensor, support HA/HB/HC detection
- Support AI (optional): Face recognition, DMS, ADAS
- Built-in mic and speaker for two-way communication
- UP to 4 servers linked at the same.
- Compatible with various FMS platforms

### Specification

Model	Hero-ME40-02
System	Embedded Linux
Language	English/Chinese(support customization)
3G/4G	Built-in 3G/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	HA/HB/HC
<b>Video</b>	
Front view camera	1080p@30fps, Diagonal angle: 140 degree, horizontal angle:116 degree
Driver camera	1080p@30fps, Diagonal angle: 140 degree, horizontal angle:116 degree
Third camera	Extend via wire, for normal surveillance or DMS camera, 720p
Video compression	H.265 (Main/Sub) H.264 (Main/Sub)
<b>Audio</b>	
Audio Input	2
Audio output	1
<b>Storage</b>	
TF card	512GB*1
<b>Network</b>	
3G/4G module	Multiple frequency bands for different region
Protocol	H-protocol (webAPI optional)
Server	VSS, third-party FMS platform

## Accessories

Fuel sensor/ RFID reader/ temperature and humidity sensor etc.

## Alarm

Basic	I/O, HA/HB/HC(driver behavior), over speed alarm etc.
DMS(option)	1. Fatigue detection(Eyeclose detection, Yawing detection) 2. distracted detection, 3. Phone call detection 4. Smoke detection, 5. No driver detected 6. Infrared Sunglasses, 7. Camera covered 8. Face recognition
ADAS(option)	1. Lane departure detection, 2. Forward Collision warning 3. Headway Monitoring Warning, 4. Pedestrian Collision Warning

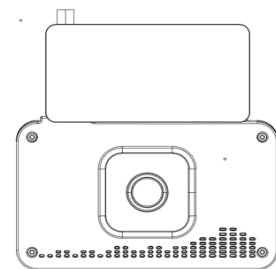
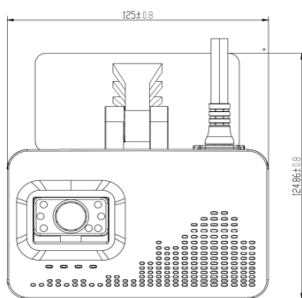
## Interface

USB	1 x Type C, export video and log, maintenance
Panic button	1, wired panic button, for emergency report
Input	2 x DI
Output	1 x DO
RS232	1
TF card slot	1
SIM Card slot	1
Speaker	1(built-in) 8 ohm, 1.5W
Mic	1(built-in)

## 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 —70°C
Dimensions	123mm*89.3mm*46.7mm
Protection	IP54
Certificate	CE/ FCC/ MIL

## Dimensions



## Outward Appearance

