3ch AI Dashcam

Hero-ME40-02

3 ch (2+1) 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 3ch 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
- UP to 4 servers linked at the same.
- Compatible with various FMS platforms

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 1 external cameras, 720/1080p AHD
Video compression	H.265 (Main/Sub) ; H.264 (Main/Sub)
	Audio
Audio Input	3
Audio Output	1
	Storage
TF Card	1 x TF card slot, max. 512GB
	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.
DMS (optional)	1. Fatigue detection (Eye-close 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 (optional)	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
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
Protection	IP54
Certificate	CE/ FCC/ PTCRB

Dimensions

Unit: mm

Appearance