# COMTRACK
FLEET SAFETY DONE PROPER

## ComVision Advance

**ComVision Advance** 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-aix 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 |
| **Video** | |
| 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) |
| **Audio** | |
| Audio Input | 2 |
| Audio output | 1 |
| **Storage** | |
| TF card | 512GB*1 |
| **Network** | |
| 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

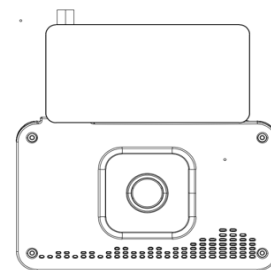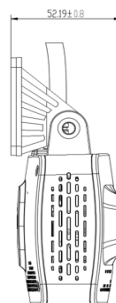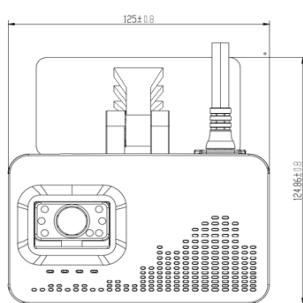| | |
|---|---|
| Basic | I/O, HA/HB/HC(driver behavior), over speed alarm etc. |
| DMS(option) | 1. Fatigue detection(Eyeclose detection, Yawing detection)<br>2. distracted detection, 3. Phone call detection<br>4. Smoke detection, 5. No driver detected<br>6. Infrared Sunglasses, 7. Camera covered<br>8. Face recognition |
| ADAS(option) | 1. Lane departure detection,  2. Forward Collision warning<br>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℃ —70℃ |
| Dimensions | 123mm*89.3mm*46.7mm |
| Protection | IP54 |
| Certificate | CE/ FCC/ MIL |

## Dimensions



## Outward Appearance