//// NOVA
MOBILE SYSTEMS

All-In-One AI Dashcam

NMS ME40-02 V3 SPECIFICATION SHEET

OVERVIEW

Ideal for for any commercial setting, the NMS ME40-02 V3 all-in-one ultra-low profile, compact AI Dashcam features front and back facing lenses with high definition real-time video recording. Remotely review collisions, near misses and distracted driving events with full HD 1080p footage that is automatically uploaded to the Novaassure platform. The NMS ME40-02 V3 is a highly cost effective AI Dashcam that is easy to install and setup in minutes.

HIGHLIGHTS

- Up to 3ch 1080p video input
- H.265/H.264 video format
- GPS location tracking, WIFI, 4G LTE built-in
- SOS panic button for emergencies
- 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

- Basic form factor / Easy mounting and installation
- Provides reports of authorized / unauthorized vehicle use
- HD wide angle low light cameras
- OBD connector / data
- TF card storage
- Record after vehicle is off

BENEFITS

- Multi-Carrier Device
- Low Cost / Easy To Use
- Simple / Discrete Installation
- Quick setup and go

SPECIFICATION

OS	Embedded Linux
Language	English/Chinese(support customization)
Front view camera	Max. 2Mp@30fps / Diagonal angle: 140degree, Horizontal angle:116 degree
Driver camera	Max. 2Mp@30fps, 120degree
Third camera	Extend via wire, for normal surveillance or DMS camera
Video compression	H.265 (Main/Sub),H.264 (Main/Sub)
Audio input/audio output	Audio input (1) audio output (2)
TF card	512GB*1
3G/4G module	Built-in 3G/4G module
WiFi	Built-in WIFI module, AP mode /CPE mode
GPS	Built-in dual mode position mode: GPS+Beidou, GPS+GLONASS(optional)
Protocol	H-protocol
Server	VSS, third-party FMS platform
Accessories	Fuel sensor/RFID reader /temperature and humidity sensor. etc
Basic	I/O, HA/HB/HC, 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 recongnition
ADAS(option)	1, Lane departure detection ; 2, Forward Collision warning 3, Headway Monitoring Warning; 4, Pedestrian Collision Warning
USB	1 Type C USB port, export video and log, maintenance
Panic button	1, wired panic button, for emergency report
Sensor-in/sensor-out	Sensor-in (2) sensor-out (1)
RS232	1
TF card slot	1
SIM card slot	1
Speaker	1(built-in) 8 ohm, 1.5W
Mic	1(built-in)
Dimensions	123mm*89.3mm*46.7mm
Working voltage	8-36V
Protection of power loss	Support saving crucial video clips when power loss or other critical accidents
Sleep mode	Support low-power mode after ignition off
Operating temperature	-20 to 70C
Protection	IP54
Certificate	CE/ FCC/ MIL

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