

EH03T-V2 Specification

EH03T-V2 is an AI dashcam equipped with 4G communication, positioning and video processing.

This Product supports:

1. Four-Channel Videos
2. ADAS & DMS
3. 2G, 3G, 4G
4. GNSS: GPS/ GALILEO/ BeiDou/ GLONASS
5. LORA (optional)
6. Configurator and FOTA WEB



Technical

OS	• Linux
AI Computing Power	• 2.0 TOPS NPU
Intelligent Algorithms	• ADAS/ DMS
Alarm Language	• English (Support Customization)

Video

Multi-Channel Recording	• 4 Channels @ 1*1080p + 3*1080p
ADAS camera (forward view)	• 1080p • 2MP • FL 3.6mm • FNO 2.0 • FOV : D=80° H=64° V=39°
Encoding	• H.264/ H.265
Audio Format	• G.711A

Electrical Specification & Sensors

Operating Power	• 9-36V DC
Power Consumption (Main unit only, No External Camera)	• @12V 326mA(Working Mode) • @12V 15.6mA(Standby Mode)
Built-in Battery	• 300mAh 3.7V Lithium battery
Acceleration Sensor	• 3-Axis G-Sensor
Audio	• Built-in microphone and • 8Ω / 1W speaker

GNSS&Cellular

Cellular	• 2G/ 3G/ 4G CAT.4
LTE Bands	• LTE:B1, B3, B5, B7, B8, B20, B28 (EU) • LTE:B2, B4, B5, B12, B13, B14, B66, B71 (NA) • LTE:B1, B2, B3, B4, B5, B7, B8, B28, B66(AU)
Positioning System	• GPS/ GALILEO/ BeiDou/ GLONASS
Tracking Sensitivity	• -165dB
Capture Sensitivity	• -159dB
Position Accuracy	• <2.0m CEP
Startup Time	• <30s
LORA	• Support LORA (optional)
LORA Frequency	• 868MHz/915MHz
WiFi	• 2.4GHz

AI

ADAS	• Forward Collision Warning (FCW) • Headway Monitoring Warning (HMW) • Lane Departure Warning (LDW) • Pedestrian Collision Warning (PCW)
DMS	• Tired Alert (Close Eyes & Yawning) • Phone Call Alert • Smoke Alert • Distracted Driving Alert • Fasten Seat Belt Alert • Infrared Blocking (Sunglasses) • Camera Blocked Alert • No Driver Detected Alert
G-sensor	• Over Speed Alert • Harsh Braking Alert • Harsh Acceleration Alert

- Harsh Turning Alert
- Collision Warning

Physical & Interface Specifications

I/O	• Input: V+,ACC,GND,SOS,GND,Left-turn/DIN_H1,Fuel-,ADC,Right-turn/DIN_H2,
Device Interfaces	• SIM card slot (Nano SIM) • Power connector • Type-C debug port • TF slot*2 (32GB~512GB) Above Class 10
Configure	• Air Config Tool/ Configurator
Working Temperature	• -30°C to +70°C
Storage Temperature	• -40°C to +85°C
LED	• Red:Online • Green:Working • Yellow:Positioning • Blue:Storage
Dimensions	• L 110* W 70* H 45mm
Weight	• 250g

Regulatory Compliance

Certification	• CE,UKCA,NBTC
Product Name	• AI Dashcam
Product Code	• EH03T-V2

Appearance

