

EH15-V2 Specification

EH15-V2 is an AI dashcam equipped with 4G communication, positioning and video processing.

This Product supports:

1. Six-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	• 6 Channels @ 2*1080p + 4*720p • 4 Channels @ 2*1080p + 2*1080p
ADAS Camera (forward view)	• 1080p • 2MP • FL 3.6mm • FNO 2.0 • FOV : D=80° H=64° V=39°
Cabin Camera	• 1080p • 2MP • FL 2.8mm • FNO 2.0 • FOV : D=140° H=118° V=62°
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 291mA(Working Mode) • @12V 12.9mA(Standby Mode)
Built-in Battery	• Super capacitor
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: B2, B4, B5, B12, B13, B14, B66, B71 (NA) • LTE: B1, B3, B5, B7, B8, B20, B28, B38, B40, B41 (EU & Asia) • LTE: B1, B2, B3, B4, B5, B7, B8, B28, B66, B40 (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

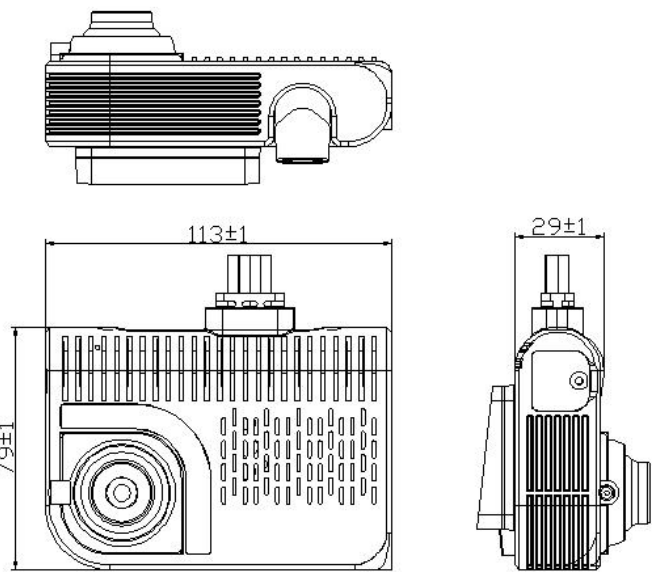
AI

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,SOS,ADC,Left-turn/DIN_H1,Right-turn/DIN_H2, ,1-WIRE-Data, GND,Brake, Door sensors - Output: 5V,Digital output,Fuel-
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 +80°C
Storage Temperature	-40°C to +85°C
LED	- Red:Online - Green:Recording - Yellow:Positioning - Blue:Working
Dimensions	L113* W79* H59 mm
Weight	360g

Appearance



Regulatory Compliance

Certification	CE, FCC,UKCA,EMARK
Product Name	AI Dashcam
Product Code	EH15-V2

