

# T98 Single Channel AI Specification

T98 Single Channel is an AI dashcam with a single channel equipped with 4G communication, positioning and video processing.

This Product supports:

1. Single-Channel Video
2. ADAS
3. 4G CAT.1
4. GNSS: GPS/ GALILEO/ BeiDou/ GLONASS
5. LoRa (optional)
6. Configurator and FOTA WEB



## Technical

OS	• Linux
AI Computing Power	• 1.0 TOPS NPU
Intelligent Algorithms	• ADAS

## Video

Recording	• 1 Channel @ 1080p • H.265 & H.264 encoding
ADAS camera	• 1080P • 2MP • FOV 80°D 64°H 39°V • FL 3.6mm • FNO 2.0

## GNSS & Cellular

Cellular	• 4G CAT.1
LTE Bands	• LTE: B1, B2, B3, B4, B5, B7, B8, B20, B28, B66, B38, B41 (EU) • LTE: B2, B5, B12, B17, B13, B66, B38, B41 (NA)
Positioning System	• GPS/ GALILEO/ BeiDou/ GLONASS
LoRa	• Support LoRa (optional)

## Regulatory Compliance

Certification	• CE, FCC
Product Name	• AI Dashcam
Product Code	• EH21

## Electrical Specification & Sensors

Power & Consumption	• Input: 9-36VDC • Standby: 4.6mA@12V • Full-load: 184mA@12V
Built-in Battery	• 400mAh 3.2V Lithium battery
Environmental Tolerance	• Operating temperature: -30°C to 80°C • Storage temperature: -40°C to 85°C.
Acceleration Sensor	• 3-Axis G-Sensor
Audio	• Built-in microphone and 4Ω / 2W speaker.

## Physical & Interface Specifications

I/O	• Input: VIN/ ACC/ SOS/ ADC/ Left turn/ Custom high/ Right turn/ GND • Output: Cut off fuel circuit
Device Interfaces	• SIM card slot (Nano SIM) • Power connector • Type-C debug port • TF slot*1 (32GB~512GB) Above Class 10
Dimensions	• L117* W62* H45 mm
Weight	• 145g
LED*3	• Red/Yellow/Green

## AI

ADAS

- Forward Collision Warning (FCW)
- Pedestrian Collision Warning (PCW)
- Lane Departure Warning (LDW)
- Following Distance Alert
- Speeding Alert
- Harsh Braking Alert
- Harsh Acceleration Alert
- Harsh Turning Alert
- Collision Warning

