

**For B2B Wholesale / OEM / ODM Customers** – V311 is a handheld, plug-and-play OBDII/EOBD code reader with a 2.8-inch TFT color display, waveform view, and data review/playback functions. It supports a wide input voltage range (DC 8-36 V) and includes over-current and over-voltage protection.



## Key Features

- ① 2.8-inch TFT color display
- ② Reads/Clears codes, Live Data, Freeze Frame, I/M Readiness
- ③ Live data waveform (graph) view & data review/record
- ④ 9 standard OBD-II/EOBD protocols with auto-detection
- ⑤ Wide input voltage: DC 8-36V with protection
- ⑥ Firmware update via USB Type-C (IAP mode, Windows PC)

## Vehicle Compatibility

- Works with vehicles that support OBD-II / EOBD with standard 16-pin connector
- Not recommended for pure electric vehicles
- Hybrid/market-specific ECUs may have limited compatibility
- Typical passenger-car DLC supply is DC 9-16V

## At a Glance

- 156 × 88 × 24 mm
- 2.8" TFT Color
- DC 8-36V
- 58mA (typ.)
- 198g weight
- STM32F103

## Technical Specifications

<b>Power</b>	DC 8-36 V (via vehicle battery)	<b>Operating Current</b>	58 mA (typical)
<b>Operating Temp.</b>	-20°C to 65°C	<b>Storage Temp.</b>	-30°C to 80°C
<b>Dimensions</b>	156 × 88 × 24 mm	<b>Weight</b>	198 g

## Package Contents

- ✓ **V311 main unit** (with OBD cable) × 1
- ✓ **User manual** × 1

## How to Use

- 1 Park safely. Turn ignition OFF.
- 2 Plug V311 into the vehicle's OBD2 port.
- 3 Turn ignition ON (KOEO). Wait for the device to link.
- 4 Select a function (Read Codes / Erase Codes / Data Stream / I/M / Vehicle Info / Review).
- 5 Unplug the device after use.

## Important Note

Vehicle support varies by ECU/model year. Do not use while driving. For safety, always perform vehicle testing in a safe environment with parking brake engaged.