



# KD032

## Electronic Logging Device

The KD032 features a compact design and is plug-and-play. It supports CAN data reading for SAE J1939, J1587, and EOBD protocols. Additionally, it supports Bluetooth connectivity for transmitting ELD device data and can provide B+, GND, and ACC to peripherals (such as DVRs and trackers), as well as CAN data via a serial port.



ELD



Logistics Service



Fleet Management



### CAN Diagnostics

Reads vehicle CAN data, supporting J1939, J1587, and EOBD protocols.



### GPS Positioning

Features a built-in positioning module with a high-gain ceramic antenna.



### ELD

Supports functional requirements of North American ELD devices.



### Firmware Upgrade

Supports FOTA and local serial port upgrades.



### Power Supply and ACC

Provides power and precise ACC signals for peripherals (such as DVRs and trackers), simplifying peripheral installation.

## Standard Configuration

### Power

|                 |                            |
|-----------------|----------------------------|
| Input voltage   | 9-33VDC                    |
| Output voltage1 | 9-33VDC, 3A                |
| Output voltage2 | 5VDC, 0.3A                 |
| Working modes   | Working Mode (Ignition On) |
|                 | Sleep Mode (Ignition Off)  |

### Feature

|                         |                |
|-------------------------|----------------|
| GNSS                    | GPS,BDS        |
| Mount method            | Plug-and-Play  |
| Bluetooth               | BLE 5.1        |
| Memory capacity         | 16MB Nor Flash |
| Certification (pending) | FCC            |

### Interface

|                   |                                                     |
|-------------------|-----------------------------------------------------|
| LED indication    | 3LEDs: Blue (Bluetooth), Green (GNSS), Orange (OBD) |
| Connection        | OBDII and J1939 9P to 10P Molex-3.0 connector       |
| Output port       | 10-Pin (PH3.0, 2*5-Pin)                             |
| Bluetooth antenna | PCB onboard antenna                                 |
| GNSS antenna      | ceramic antenna (25*25*4mm)                         |

### Operating environment

|                       |                         |
|-----------------------|-------------------------|
| Operating temperature | -20 C to +85 C          |
| Operating humidity    | 5%~95% (Non-condensing) |

### Physical specification

|                    |            |
|--------------------|------------|
| Dimensions (LxWxH) | 70x50x20mm |
| Weight             | 60g        |

## Standard Packing

|            |   |
|------------|---|
| KD032 unit | 1 |
| Main cable | 1 |

## Optional Configuration\*

3D/6D sensor

Adapter Cable

\*Optional Configuration required to be customized or purchased separately.