



KD031

CAN Data Box

The KD031 has a compact design and is plug-and-play. It supports CAN data reading with the SAE J1939 protocol and can provide B+, GND, and ACC for peripherals (such as DVRs, trackers, etc.) while also providing CAN data through a serial port. An additional serial port is reserved for connecting external sensors.



Logistics Service



Vehicle Rental



Fleet Management



CAN Diagnostics

Reads CAN data for commercial vehicles, supporting both J1939 and OBDII protocols.



Power Supply and ACC

Provides power and accurate ACC signals to peripherals (such as DVRs, trackers, etc.), simplifying peripheral installation.



2*USART

Two serial ports (TTL) are reserved to provide CAN data to peripherals via the serial port or to connect to RFID, sensors, etc.



Firmware Upgrade

Supports FOTA and local serial port upgrades.

Standard Configuration

Power

Input voltage	9-33VDC
Working modes	Working Mode (Ignition On), Sleep Mode (Ignition Off)

Interface

LED indication	Blue (Status)
Connection	OBDII or J1939 9-pin port to 8-pin connector (PH3,0, 2*4-Pin)
Output port	10-Pin (PH3,0, 2*5-Pin)

Feature

Sensor	Accelerometer
Mount method	Plug-and-Play
Bluetooth	BLE 5.1 (Optional)
RFID	Can be externally connected through the reserved serial port
Certification (pending)	FCC,CE

Operating environment

Operating temperature	-20 C to +70 C
Operating humidity	5%~95% (Non-condensing)

Physical specification

Dimensions (LxWxH)	100x29x19mm
Weight	40g

Standard Packing

KD031 unit	1
OBDII cable	1

Optional Configuration*

Bluetooth module	
Nor flash	
J1939 9-pin to OBDII cable	
Adapter cable	

*Optional Configuration required to be customized or purchased separately.