

KJ806

Extended Control Box

The KJ806 Extended Control Box is a multi-functional Bluetooth-based expansion tool designed for vehicle intelligence scenarios. It connects to and is controlled by a main tracker or other Bluetooth device/tool. With support for Bluetooth BLE 5.0 and above, it enables functions like vehicle fuel/power control, door lock/unlock, window control, and AC control. The control box supports various ADC sensors and high/low-level input detection, and offers programmable digital outputs for convenient remote control.



Rental Fleet Management



Power Window Control



Wireless Communication

Utilizes BLE 5.0 for effortless installation and efficient remote control.



Dual-Mode Connectivity

Supports both Bluetooth and TTL serial communication, offering a balance between wireless convenience and wired stability.



Multiple I/Os for Function Expansions

Allows connection to various sensors (e.g., door status, fuel level, temperature) for real-time vehicle data.



Inbuilt G-Sensor

Enables vibration detection of unattended vehicles.

Standard Configuration

Basic Specifications

| | |
|-----------------------|--------------------------|
| Dimensions | 57*42.5*24.5mm |
| Weight | 37.5g |
| IP rating | N/A |
| Sensor(s) | G-sensor (motion sensor) |
| LED | 1* Blue |
| OTA | Supported |
| Operating Temperature | -20 C to 70 C |
| Operating Humidity | 0-95%, non-condensing |

Bluetooth Specifications

| | |
|-------------------|---------------------------------|
| Bluetooth Version | BLE 5.0 |
| Broadcast Power | -8dBm to 7dBm (0dBm by default) |
| Effective Range | 50m |

Electrical Specifications

| | |
|----------------------|-------------------------------|
| Operating Voltage | DC 9-30V |
| Standby Current | 3mA @ 12V DC / 4mA @ 24V DC |
| Triggered Current | 37mA @ 12V DC / 21mA @ 24V DC |
| Maximum Load Current | 5A @ 30V |
| Max Switch Voltage | 30V DC |
| Max Switch Current | NO @ 5A / NC @ 5A |
| Max Switch Power | NO @ 150W / NC @ 150W |

Interface

| | |
|-------------------|---------------------|
| Digital I/O(s) | 2* Output, 1* Input |
| Voltage Detection | 0-30V |
| Serial Port(s) | 1* TTL |