iZEEKER iZEEKER*

iZEEKER 11.5ft Micro USB Hardwire Kit for Dash Cams
INSTRUCTION MANUAL

Model: iZEEKER*

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your iZEEKER Micro USB Hardwire Kit. Please read this manual thoroughly before use to ensure optimal performance and safety. This kit is designed to provide continuous power to your dash camera, enabling 24/7 parking surveillance and protecting your vehicle's battery.

Important Safety Information:

- Ensure the vehicle's engine is off and the ignition is in the 'OFF' position before installation.
- If you are unfamiliar with vehicle electrical systems, it is recommended to seek professional assistance for installation.
- Do not modify the hardwire kit or its components.
- Keep the product away from water and extreme temperatures.

2. Product Overview

The iZEEKER Micro USB Hardwire Kit is an accessory designed to power compatible dash cameras directly from your vehicle's electrical system. This allows for continuous recording, even when the vehicle is parked and turned off, utilizing the dash cam's parking monitoring features.

Image 2.1: iZEEKER Micro USB Hardwire Kit showing the OBD-II connector, G-sensor module, and Micro USB output.

Key Features:

- **24-Hour Parking Surveillance:** Provides continuous power to your dash cam for monitoring your vehicle while parked.

- **Built-in G-Sensor:** Activates the dash cam upon detecting vibrations, ensuring event recording during parking. The dash cam automatically shuts down 5 minutes after the car is turned off. If vibration is detected, the OBD powers on the recorder. If no vibration, the recorder shuts down after 1 minute to save battery.

- **Wide Voltage Compatibility:** Supports input voltages from 11.5V to 40V DC, suitable for various vehicles including cars, trucks, buses, and SUVs.

- **Low Voltage Protection:** Automatically cuts off power to the dash cam if the vehicle's battery voltage drops below 11.5V, preventing battery drainage.

- **Multiple Protections:** Includes overvoltage, short circuit, and battery protection for safe operation.

- **Micro USB Connector:** Compatible with iZEEKER GD500/iD220, GD300/GD850/GD800/iD400, and other dash cams or car chargers with a Micro USB port.

Components in the Box:

- 1 x iZEEKER Micro USB Hardwire Kit

3. Setup and Installation

Follow these steps to install your iZEEKER Micro USB Hardwire Kit:

1. **Locate the OBD-II Port:** Identify your vehicle's OBD-II diagnostic port, typically located under the dashboard on the driver's side.
2. **Connect the Hardwire Kit:** Plug the OBD-II connector of the hardwire kit firmly into your vehicle's OBD-II port.
3. **Route the Cable:** Carefully route the cable from the OBD-II port along the vehicle's interior trim (e.g., under the headliner, along the A-pillar) to the desired dash cam mounting location. Ensure the cable is tucked away neatly and does not obstruct airbags or driver's view.
4. **Mount the G-Sensor:** The hardwire kit includes an inline G-sensor. Remove the 3M adhesive sticker from the G-sensor module and firmly attach it to the windshield near the dash cam. This ensures accurate vibration detection for parking monitoring.
5. **Connect to Dash Cam:** Plug the Micro USB end of the hardwire kit into your dash camera's power input port.
6. **Test Functionality:** Start your vehicle to confirm the dash cam powers on. Turn off your vehicle and observe if the dash cam enters parking mode (if supported by your dash cam) or powers off after the specified delay, indicating the G-sensor is active.

Image 3.1: Diagram illustrating discrete wiring of the hardwire kit from the OBD-II port to the dash cam.

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Video 3.2: Official iZEEKER demonstration of the hardwire kit installation process.

4. Operating Instructions

Once installed, the iZEEKER Hardwire Kit operates automatically to provide power to your dash cam.

- **Continuous Power:** The kit draws power directly from your vehicle's battery, ensuring your dash cam remains powered even when the ignition is off.
- **Parking Monitoring:** When the vehicle is parked and the ignition is off, the G-sensor in the hardwire kit monitors for impacts or vibrations. If an event is detected, it triggers the dash cam to record,

providing surveillance.

- **Battery Protection:** The integrated low voltage protection system monitors your vehicle's battery voltage. If the voltage drops below 11.5V, the kit will automatically cut power to the dash cam to prevent excessive battery discharge, ensuring your vehicle can start.
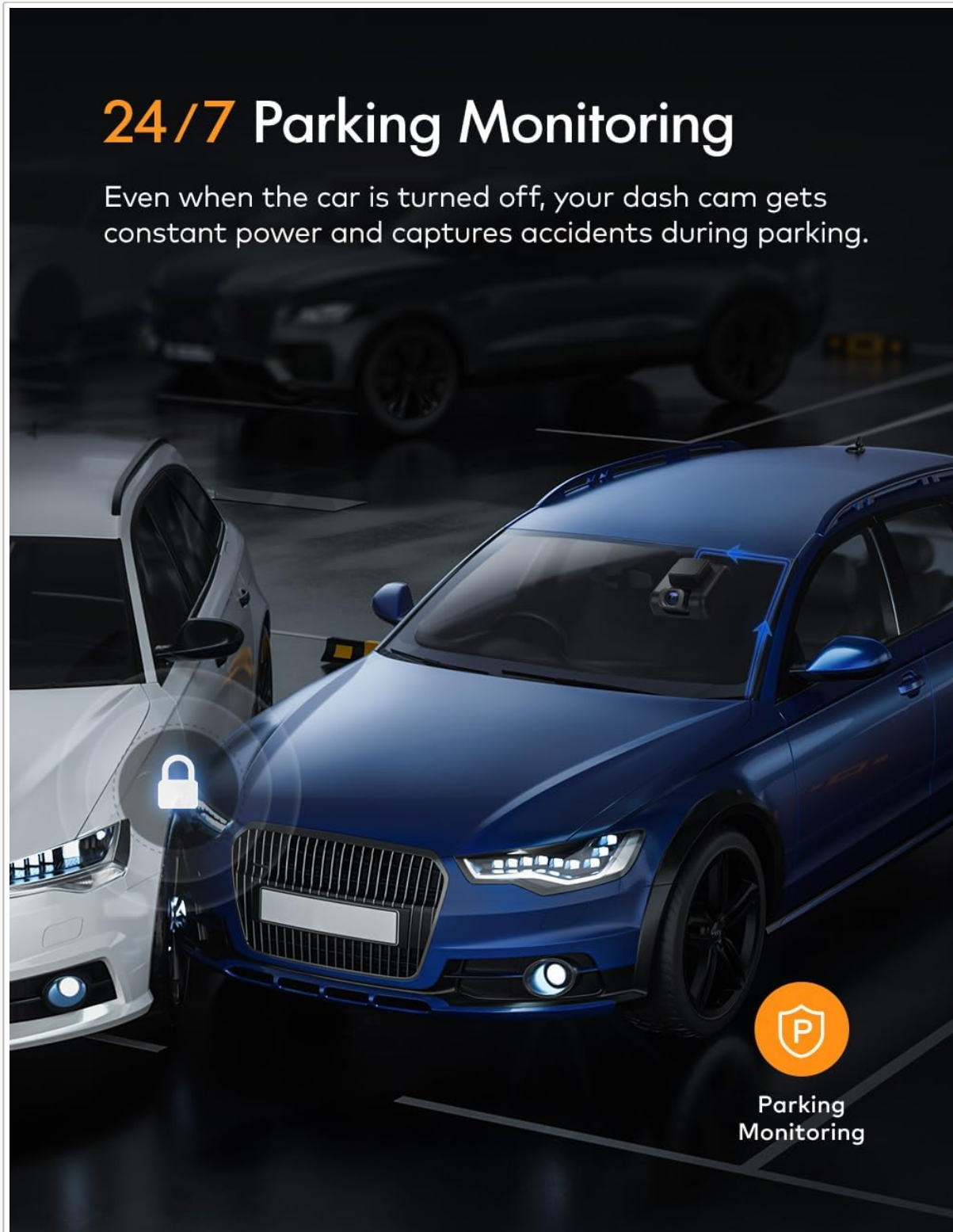

Image 4.1: Illustration of 24/7 parking monitoring functionality with the hardwire kit.

Image 4.2: Visual representation of the multiple protection features including overvoltage, short circuit, and battery protection.

5. Maintenance

The iZEEKER Hardwire Kit requires minimal maintenance. To ensure continued reliable operation:

- Periodically check all connections (OBD-II port, G-sensor, dash cam Micro USB) to ensure they are secure.
- Inspect the cable for any signs of wear, damage, or pinching.
- Keep the G-sensor module clean and free from obstructions to ensure accurate detection.
- Avoid exposing the kit to excessive moisture or direct sunlight for prolonged periods.

6. Troubleshooting

If you encounter issues with your iZEEKER Hardwire Kit, refer to the following common problems and solutions:

- **Dash Cam Not Powering On:**

  - Ensure the OBD-II connector is fully inserted into the vehicle's port.
  - Verify the Micro USB connector is securely plugged into the dash cam.
  - Check your vehicle's battery voltage. If it's below 11.5V, the low voltage protection may have activated.
  - Confirm your dash cam is compatible with a Micro USB power input.

- **Parking Monitoring Not Working:**

  - Ensure the G-sensor module is securely mounted and not obstructed.
  - Verify your dash cam's settings for parking mode are correctly configured and enabled.
  - Check if the dash cam is receiving continuous power when the vehicle is off.

- **Dash Cam Powers Off Unexpectedly:**

  - This may be due to the low voltage protection activating if your vehicle's battery voltage drops below 11.5V. Charge your vehicle's battery if necessary.
  - Ensure the G-sensor is not experiencing constant false triggers, which could lead to frequent power cycles.

- **Compatibility Issues:**

  While designed for wide compatibility, some dash cam models may have specific power requirements. Confirm your dash cam's power input type (Micro USB) and voltage requirements match the kit's output (5V/1.5A).

If these steps do not resolve the issue, please contact iZEEKER Customer Support for further assistance.

7. Specifications

Product Specifications

- **Item Name:** APEMAN Hardwire Kit CH60

- **Input Voltage Range:** 11.5VDC - 40VDC

- **Max input DC current:** 1.5A

- **Inrush current (cold start):** < 1.2A at 40VDC

- **Voltage protection:** 11.6V±0.2V

- **Wire Length:** 3m

Image 7.1: Visual representation of the product specifications.

Feature	Specification
Brand	iZEEKER
Model Number	iZEEKER*
Connector Type	Micro USB
Input Voltage Range	11.5V - 40V DC

Output	5V / 1.5A
Cable Length	11.5 feet (approx. 3.5 meters)
Low Voltage Protection	Automatically cuts off power when voltage is below 11.5V
Special Features	G-Sensor, Micro USB, Wide Compatibility, Overvoltage Protection, Short Circuit Protection, Battery Protection
Working Temperature	-10°C to 60°C
Item Weight	0.705 ounces (20 Grams)
Product Dimensions	1.18 x 3.54 x 1.97 inches

8. Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact iZEEKER Customer Service. You can typically find contact details on the official iZEEKER website or through your purchase platform. When contacting support, please have your product model number (iZEEKER*) and purchase details ready.