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> DDPAI OBD Hardwire Kit Instruction Manual for MINI2X, N2, N5, Z50pro, Z60, Z60pro

## DDPAI DC003

# DDPAI OBD Hardwire Kit Instruction Manual

Model: DC003

## 1. PRODUCT OVERVIEW

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The DDPAI OBD Hardwire Kit (Model DC003) provides a reliable power solution for your DDPAI dash camera, enabling 24-hour parking monitoring without draining your vehicle's battery. It features easy plug-and-play installation via the car's OBD port and incorporates multiple safety protections to ensure both your dash cam and vehicle are protected.

## 2. COMPATIBILITY

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### 2.1. Compatible Dash Cam Models

- MINI2X
- N2
- Z50pro
- Z60
- Z60 3 Channels
- Z60pro
- 3 Channels

### 2.2. Incompatible Vehicle Models

The DDPAI OBD Hardwire Kit is not suitable for the following vehicle models: Tesla, Porsche Cayenne, Mercedes 2018 W206, BMW 330i, Kia Carnival. Mercedes E220 may experience instrument abnormalities. All other car brands are compatible.

# Modelos Compatíveis



**Novo Kit Hardware**

**OBD**



Image: The DDPAl OBD Hardware Kit shown alongside various compatible DDPAl dash cam models, including MINI 2X, N2 Dual, N5 Dual 2026, Z50 Pro, Z60 Dual / 3 Channels, and Z60 Pro / 3 Channels.

### 3. SPECIFICATIONS

<b>Model</b>	DC003
<b>Dash Cam Compatibility</b>	MINI2X, N2, Z50pro, Z60, Z60 3 Channels, Z60pro, 3 Channels
<b>Input</b>	12V 2A
<b>Output</b>	5V 3A
<b>Cable Length</b>	3 meters
<b>Connector Type</b>	OBD
<b>Special Features</b>	5-fold protection
<b>Max Current</b>	3 Amperes
<b>Max Voltage</b>	12 Volts
<b>Number of Pins</b>	16

## 4. KEY FEATURES

- **Easy Installation:** Connects directly to the car's OBD port, eliminating the need for cigarette lighter or fuse box connections. This offers a clean and straightforward setup.
- **24-Hour Parking Monitoring:** The DDPAI OBD Hardwire Kit can provide continuous power to the dash cam even when the car is off, allowing for 24-hour parking surveillance and protection.
- **5-Fold Protection:** The hardwire kit is equipped with comprehensive safety features:
  - **Low Voltage Protection:** When the input voltage drops below 11.8V ( $\pm 0.2V$ ), the smart kit will automatically cut off power after 60 seconds to prevent vehicle battery drain.
  - **Overcurrent Protection:** Safeguards against excessive current flow.
  - **Short-Circuit Protection:** Prevents damage from short circuits.
  - **Overload Protection:** Protects against power overloads.
  - **Reverse Connection Protection:** Ensures correct polarity connection.



Image: Diagram illustrating the 5-fold protection features of the DDPAI Hardwire Kit: Low Voltage Protection, Overcurrent Protection, Short-Circuit Protection, Overload Protection, and Reverse Connection Protection.

# 24 Hour Parking Monitor Enabled



# 24H



Image: The DDPAI OBD Hardwire Kit connected to a dash cam in a car, with a large '24H' graphic, indicating 24-hour parking monitoring capability.

## 5. INSTALLATION GUIDE

### 5.1. Step-by-Step Installation

1. **Prepare for Installation:** Ensure your vehicle is turned off. Identify your car's OBD port, typically located under the dashboard on the driver's side.
2. **Connect the Hardwire Kit:** Plug the DDPAI OBD Hardwire Kit directly into your vehicle's OBD port. No additional wiring to the cigarette lighter or fuse box is required.
3. **Route the Cable:** Carefully route the 3-meter cable from the OBD port to your dash cam's mounting location. Use the included cable clips or tuck the cable along the vehicle's interior trim for a neat installation.
4. **Connect to Dash Cam:** Connect the other end of the hardwire kit cable to your compatible DDPAI dash cam.
5. **Test the Connection:** Start your vehicle to ensure the dash cam powers on correctly. Verify that the parking monitoring function activates when the vehicle is turned off.

# Easy Installation with OBD Interface

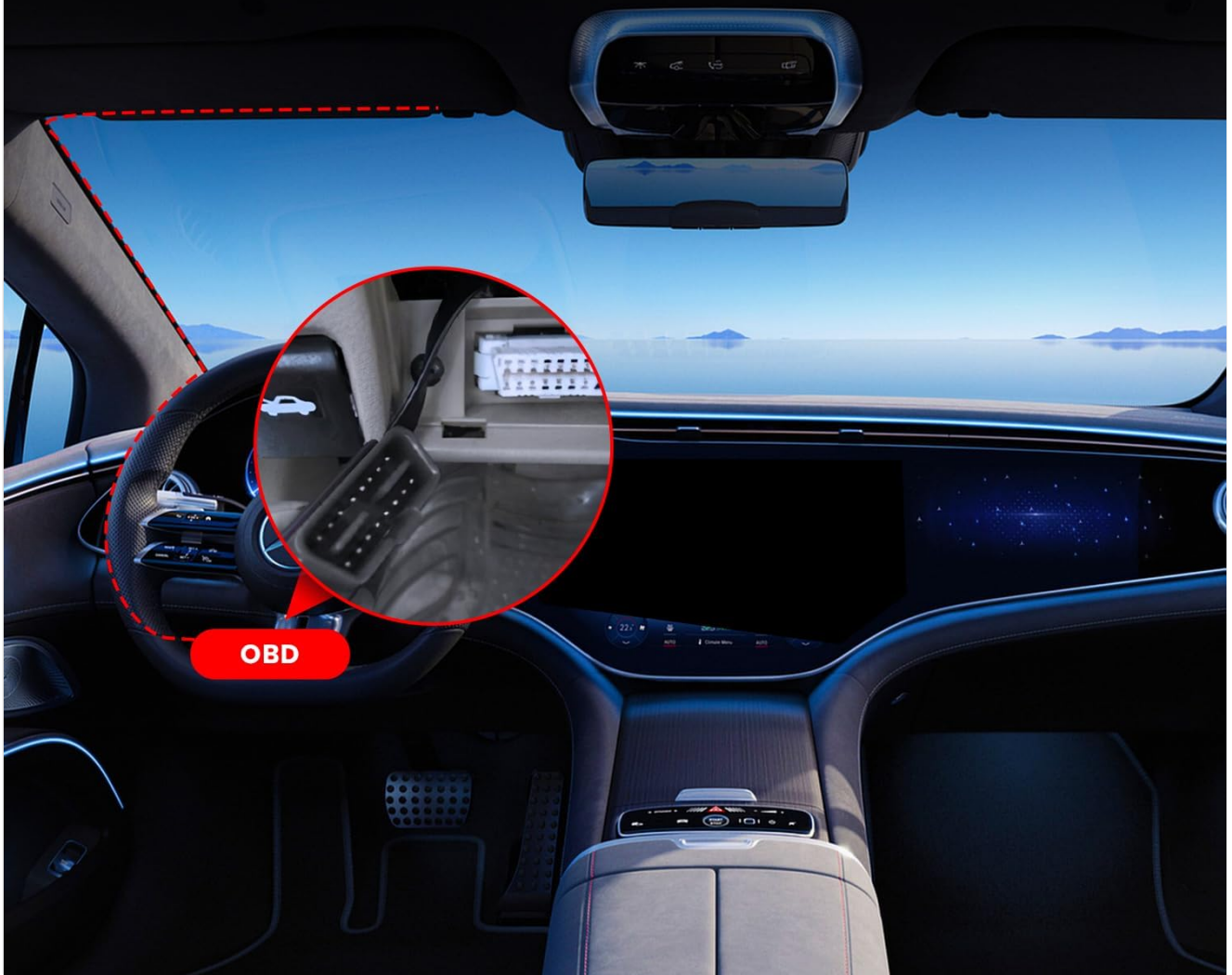


Image: This image demonstrates the straightforward installation of the DDPAI OBD Hardwire Kit by plugging it directly into the car's OBD interface, with the port clearly highlighted.

## 5.2. Installation Video (DDPAI N5 Dual)

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Video: This video demonstrates the installation process for a DDPAI N5 Dual dash cam, which includes routing cables and connecting the power source. While it features a specific dash cam, the cable routing and connection principles are similar for the OBD Hardwire Kit.

## 6. OPERATING INSTRUCTIONS

### 6.1. Automatic Parking Monitoring

Once installed, the hardwire kit automatically provides power to your dash cam for 24-hour parking monitoring. When your vehicle is turned off, the kit detects the change in voltage and keeps the dash cam powered for continuous surveillance, recording any incidents.

### 6.2. Low Voltage Protection

The intelligent kit is designed to protect your vehicle's battery. If the input voltage drops below 11.8V ( $\pm 0.2V$ ), the kit will

automatically cut off power to the dash cam after 60 seconds to prevent excessive battery drain, ensuring your car can start.

## 7. TROUBLESHOOTING

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### 7.1. Dash Cam Not Powering On

- Check if the OBD connector is securely plugged into the vehicle's OBD port.
- Ensure the hardwire kit cable is properly connected to the dash cam.
- Verify that your vehicle's ignition is on (for initial setup) or that the parking monitoring mode is active when the vehicle is off.

### 7.2. Parking Monitoring Not Working

- Confirm that your dash cam model supports 24-hour parking monitoring and is configured correctly in its settings.
- Check the vehicle's battery voltage. If it's too low, the low voltage protection feature might have activated, cutting power to the dash cam.

### 7.3. Dash Cam Overheating

- The hardwire kit includes overheating protection. If the dash cam or kit feels excessively hot, disconnect it and allow it to cool down. Ensure proper ventilation around the dash cam.

### 7.4. Incompatible Vehicle Message

- Refer to the "Incompatible Vehicle Models" list in the Compatibility section. If your vehicle is listed, the hardwire kit is not designed for it.

## 8. WARRANTY AND SUPPORT

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For warranty information, technical support, or further assistance, please refer to the official DDP AI website or contact DDP AI customer service. Keep your purchase receipt as proof of purchase.

## 9. UNBOXING VIDEOS (RELATED DASH CAMS)

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### 9.1. DDP AI Z50 Pro Unboxing

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Video: This video provides an unboxing experience for the DDP AI Z50 Pro dash cam, showcasing its components and initial setup. It can be helpful for understanding the dash cam components that connect to the hardwire kit.

### 9.2. DDP AI Z60 Unboxing

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Video: This video offers an unboxing view of the DDP AI Z60 dash cam, detailing what's included in the package. It can be helpful for understanding the dash cam components that connect to the hardwire kit.