

BOTSLAB G980H

BOTSLAB Hardwire Kit for G980H Dash Cam (Type-C Port) - User Manual

Model: G980H

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1. INTRODUCTION

This manual provides detailed instructions for the installation and operation of the BOTSLAB Hardwire Kit, specifically designed for the BOTSLAB G980H Dash Cam with a Type-C port. This kit enables advanced parking monitoring features and ensures continuous power supply to your dash cam while protecting your vehicle's battery.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your package.

Whats in the Box?



Hardwire Kit x 1

Dash Cam Hardware Kit
User Manual

User Guide x 1

Image: Package Contents. This image displays the contents of the box, including the Hardwire Kit and the User Guide.

- Hardwire Kit x 1
- User Guide x 1

3. PRODUCT OVERVIEW

The BOTSLAB Hardwire Kit provides a stable power connection for your dash cam, enabling parking surveillance and protecting your vehicle's battery from discharge.

Hardware Kit Overview

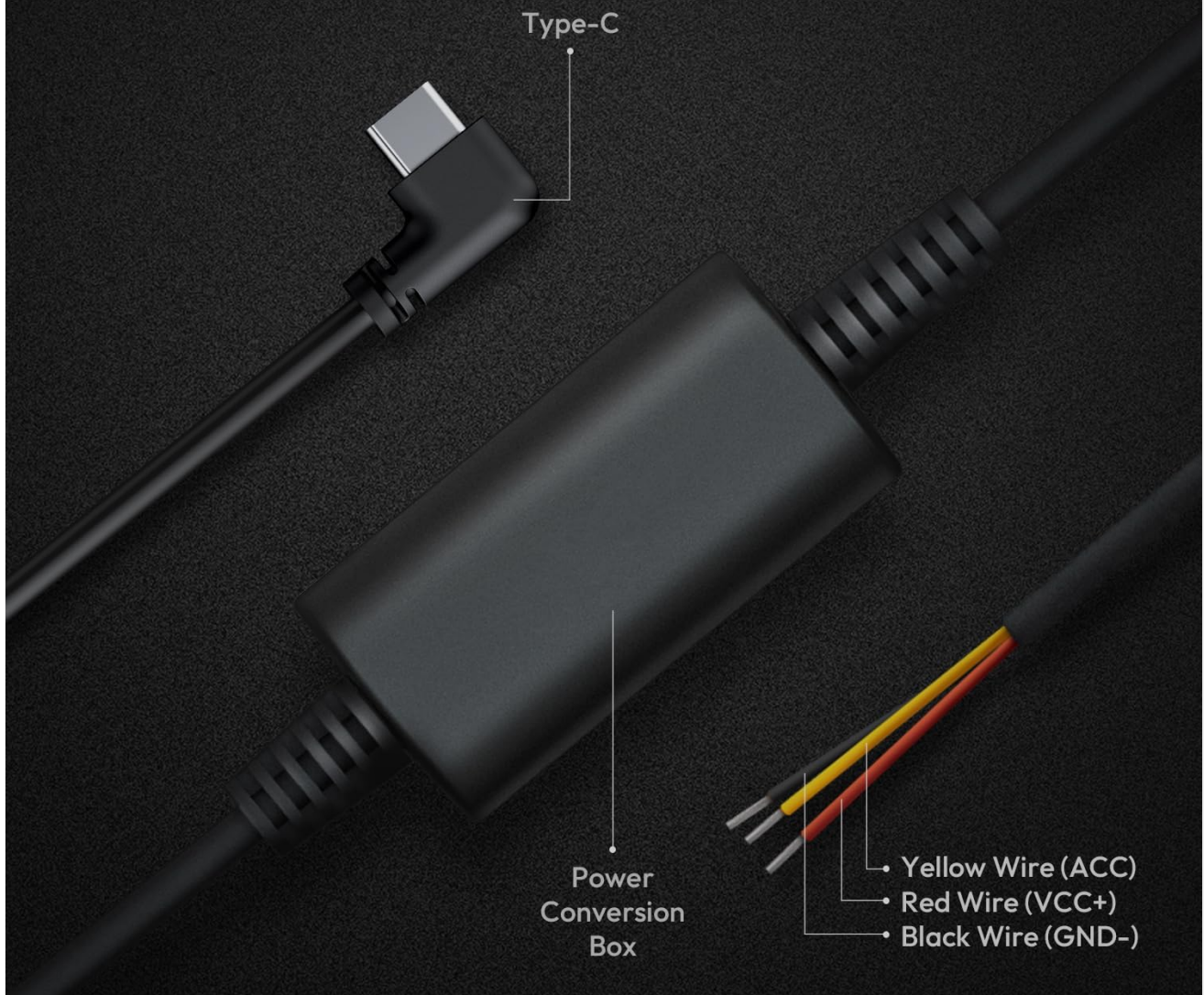


Image: Hardwire Kit Components. This diagram illustrates the main parts of the hardwire kit: the Type-C connector for the dash cam, the power conversion box, and the three color-coded wires (yellow for ACC, red for VCC+, black for GND-).

- **Type-C Connector:** Connects to the BOTSLAB G980H Dash Cam.
- **Power Conversion Box:** Regulates voltage and protects against battery drain.
- **Yellow Wire (ACC):** Connects to an Accessory (switched) power source.
- **Red Wire (VCC+):** Connects to a Constant (always-on) power source.
- **Black Wire (GND-):** Connects to a vehicle ground point.

Designed for Botslab Dash Cam G980H



Image: G980H Dash Cam with Hardwire Kit. This image shows the BOTSLAB G980H Dash Cam connected to the 9-foot (2.7-meter) long hardwire cable, highlighting its compatibility with various car models.

4. KEY FEATURES

- **Secure Parking Protection:** Provides up to 24 hours of surveillance with time-lapse recording or collision-triggered normal recording when parked.

Secure Parking Protection

Up to 24-hour Monitoring



Image: Secure Parking Protection. This image illustrates the dash cam's parking mode functionality, showing a scenario where a vehicle is monitored, with options for time-lapse or collision-triggered recording.

- **Battery Drain Prevention:** Features under-voltage protection to prevent your car battery from discharging below a safe level.

Prevent Battery Drain

Under-Voltage Secure Protection

Voltage Range:

DC12V-30V

Output Voltage:

5V/2.4A



Image: Battery Drain Prevention. This graphic displays the voltage specifications of the hardwire kit, including an input range of DC 12V-30V and an output of 5V/2.4A, ensuring the car battery is protected from excessive discharge.

- **Wide Compatibility:** The 2.7-meter (9-foot) cable is compatible with most vehicle types for versatile installation.
- **Safety Standards:** Meets relevant safety standards and certifications for reliable operation.

5. INSTALLATION GUIDE

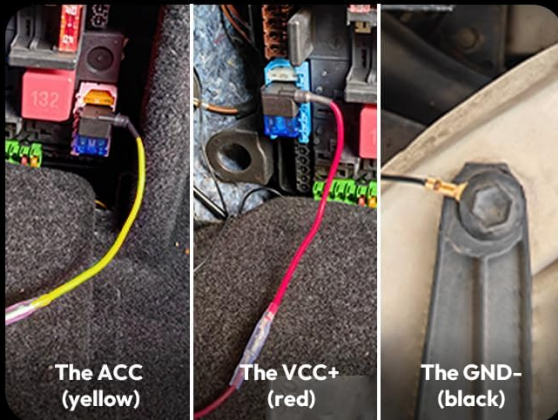
Follow these steps for a proper installation of your BOTSLAB Hardwire Kit. Professional installation is recommended if you are unsure about any steps.

Easy Installation



Step 1: Test Power Sources

Use a multimeter to check for a 12V constant power source and the ACC power in your car's fuse box.



The ACC
(yellow)

The VCC+
(red)

The GND-
(black)

Step 2: Set up the Wires

Connect the Yellow Wire to ACC, the Red Wire to constant power, and the Black Wire to a grounding point.



Step 3: Connect the Dash Cam

Attach the kit's micro USB to your Botslab dash cam G980H.

Image: Easy Installation Steps. This image provides a visual guide for the three main installation steps: testing power sources in the fuse box, connecting the ACC, VCC+, and GND- wires, and finally connecting the Type-C cable to the dash cam.

1. Step 1: Test Power Sources

Use a multimeter to identify a 12V constant power source (always-on) and an ACC power source (switched with ignition) in your car's fuse box.

2. Step 2: Set Up the Wires

- Connect the **Yellow Wire (ACC)** to the identified ACC power source.
- Connect the **Red Wire (VCC+)** to the identified constant power source.
- Connect the **Black Wire (GND-)** to a suitable grounding point on the vehicle chassis.

3. Step 3: Connect the Dash Cam

Attach the Type-C connector of the hardwire kit to the Type-C port on your BOTSLAB G980H Dash Cam.

Route the cables neatly along the vehicle's interior trim to conceal them and ensure they do not interfere with driving controls.

6. OPERATION

Once installed, the hardwire kit automatically manages power to your dash cam based on your vehicle's ignition status.

Driving Mode

When your vehicle's ignition is on, the dash cam will receive constant power and operate in normal recording mode, capturing continuous footage.

Parking Mode

When your vehicle's ignition is turned off, the hardwire kit will switch the dash cam into parking mode. In this mode, the dash cam can perform:

- **Time-Lapse Recording:** Continuously records at a low frame rate to save storage space and provide extended surveillance.
- **Collision-Triggered Recording:** Automatically records normal video footage when a significant impact or motion is detected, ensuring critical events are captured.

The under-voltage protection feature will monitor your car battery's voltage and automatically cut power to the dash cam if the voltage drops below a safe threshold, preventing battery depletion.

7. MAINTENANCE

The BOTSLAB Hardwire Kit requires minimal maintenance. Ensure all connections remain secure and free from corrosion. Periodically check the cable routing to ensure it is not pinched or damaged.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dash cam does not power on.	Incorrect wiring; Blown fuse; Low car battery voltage.	<ul style="list-style-type: none">• Verify all wire connections (ACC, VCC+, GND-).• Check the fuses in your car's fuse box.• Ensure car battery voltage is sufficient (above the under-voltage protection threshold).
Parking mode not activating.	ACC wire not correctly connected; Dash cam settings.	<ul style="list-style-type: none">• Ensure the Yellow (ACC) wire is connected to a switched power source.• Check your dash cam's settings to confirm parking mode is enabled.
Car battery drains quickly.	Under-voltage protection not functioning; Excessive parking mode duration.	<ul style="list-style-type: none">• Verify the hardwire kit is correctly installed and functioning.• Adjust parking mode settings on your dash cam to reduce monitoring duration if possible.• Consult a professional for electrical system inspection.

9. SPECIFICATIONS

Feature	Detail
Brand	BOTSLAB
Model Name	G980H

Feature	Detail
Input Voltage Range	DC 12V-30V
Output Voltage/Current	5V / 2.4A
Cable Length	2.7 meters (9 feet)
Connector Type	Type-C USB
Special Feature	Parking Monitor, Under-Voltage Protection
Compatible Vehicle Type	Car, Truck, Van
Product Dimensions (D x W x H)	6.8 x 18 x 3.8 cm

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official BOTSLAB website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Official Website: www.botslab.com (Note: This is a placeholder URL. Please refer to your product packaging or official documentation for the correct support contact information.)