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WEUASTE WEUASTE-Carplay-05

WEUASTE Motorcycle Dash Cam User Manual

Model: WEUASTE-Carplay-05

Brand: WEUASTE

INTRODUCTION

The WEUASTE Motorcycle Dash Cam is a comprehensive system designed to enhance your riding experience with advanced technology. It features a 5.5-inch waterproof touchscreen display, integrating Apple CarPlay and Android Auto functionalities for seamless smartphone connectivity. Equipped with revolutionary dual 1080P cameras, it provides high-definition video recording with WDR/HDR for optimal clarity in various lighting conditions. The system also includes a digital wire remote control for convenient access to features like battery voltage display and quick controls, ensuring a safer and more connected journey.



Figure 1: WEUASTE Motorcycle Dash Cam system components including the main display, dual cameras, and remote control.

WHAT'S IN THE BOX

Upon unboxing, verify that all the following components are included:

- 5.5 Inch IPS Touch Screen Display
- Front Camera
- Rear Camera
- Bracket Kit (includes various spacers for different handlebar sizes)
- Power Cable (for ACC + 12V and Ground connections)
- Type-C Splitter Cable
- Electrical Tape
- USB Power Cable (for testing purposes)
- Binding Straps (10 pieces)
- Stickers (2 pieces) + Screws (4 pieces)

- Installation Tool (Allen keys)

Packing List

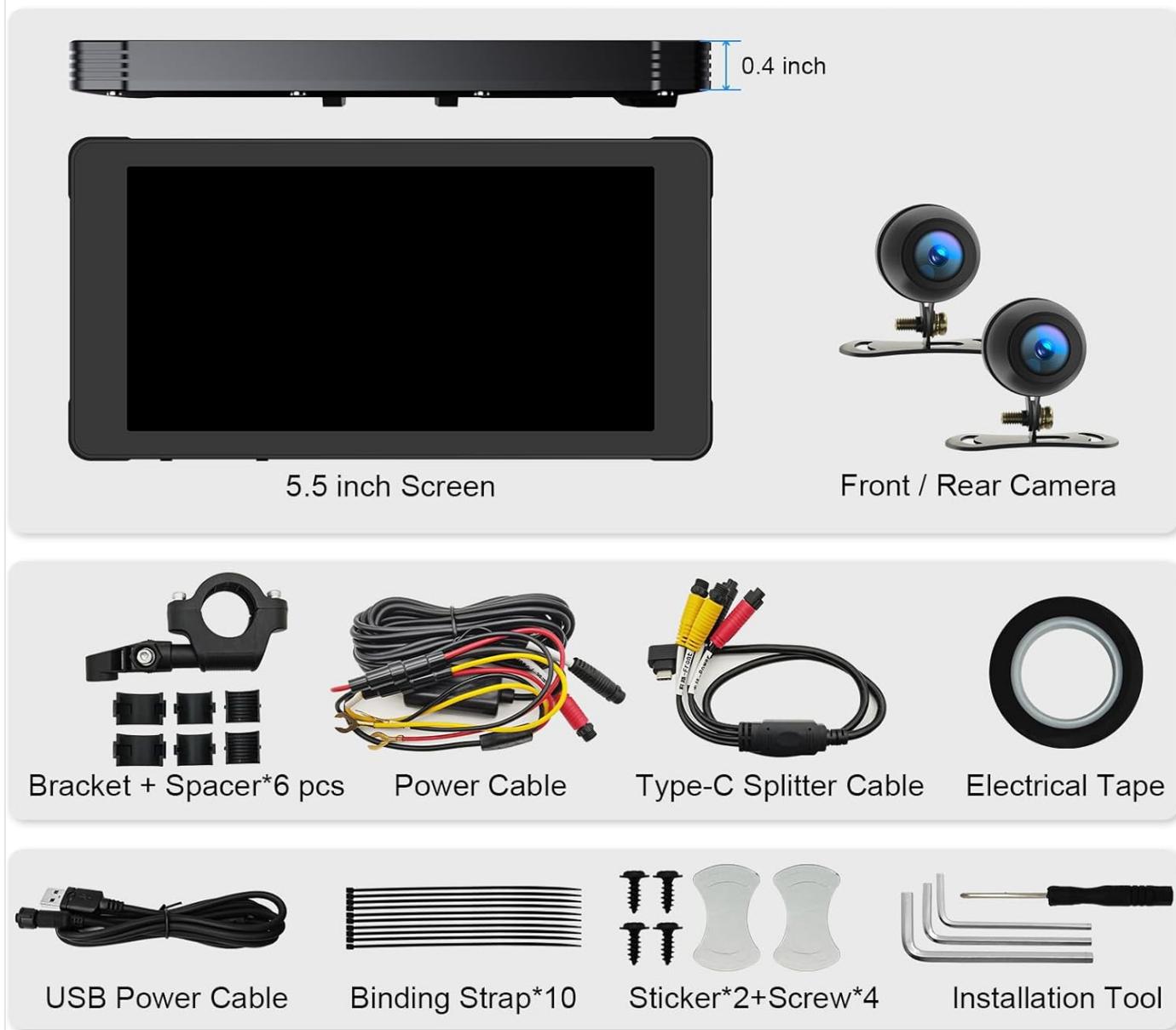


Figure 2: Complete packing list showing all included accessories for the dash cam system.

SETUP AND INSTALLATION

The WEUASTE Motorcycle Dash Cam is designed for universal motorcycle compatibility and straightforward installation. The system includes all necessary bracket kits and tools for mounting. Wiring primarily requires connection to ACC + 12V and Ground. Ensure your smartphone supports wireless CarPlay or wireless Android Auto functionality prior to setup.

Mounting the Display Unit

1. Attach the square mounting plate to the back of the display unit using the four small screws provided.
2. Secure the main bracket arm to the square mounting plate using the larger screw and Allen key.
3. Select the appropriate rubber spacers (22mm, 25.4mm, or 28mm) to match your handlebar diameter.
4. Place the display unit with the attached bracket onto your motorcycle's handlebar, ensuring a secure fit with the selected spacers. Tighten the handlebar clamp using the provided tools.

Support 1080P Dual Camera, Seamlessly Loop Recording

Support dual camera loop recording,
high definition camera recording, full color night vision.



Figure 3: Display unit and dual cameras mounted on a motorcycle handlebar.

Wiring Connections

Connect the main power cable to your motorcycle's electrical system. The red wire connects to ACC + 12V (switched power), and the black wire connects to Ground. The yellow wire is for battery voltage display and should be connected to a constant 12V source. The USB power cord is for initial testing and does not display battery voltage.

- Connect the Type-C splitter cable to the display unit.
- Connect the front and rear camera cables to the corresponding yellow connectors on the splitter cable. Ensure the "Front" and "Rear" labels on the camera cables match the connections.
- Connect the wire remote control cable to the designated data port on the main wiring harness.

Your browser does not support the video tag.

Video 1: Detailed unboxing and installation guide for the WEUASTE Motorcycle Dash Cam, demonstrating component assembly and wiring connections.

OPERATING INSTRUCTIONS

The WEUASTE Motorcycle Dash Cam offers intuitive operation through its touchscreen and wire remote control.

Power On/Off

The unit is designed to power on and off automatically with your motorcycle's ignition. It supports automatic startup and shutdown with the vehicle.

CarPlay / Android Auto Functionality

Wirelessly connect your smartphone via Bluetooth to access Apple CarPlay or Android Auto. This allows you to use map navigation, make phone calls, play music, send text messages, and utilize Siri or Google Assistant hands-free. This feature is crucial for maintaining focus on the road while riding.



Figure 4: Wireless CarPlay and Android Auto interfaces displayed on the unit.

Dual Camera Operation

The front and rear cameras record in FHD 1080P resolution using 7-glass lenses, improving performance in low-light conditions. WDR/HDR functions automatically correct brightness differences for vivid video recording, especially at night or in tunnels. The system supports seamless loop recording.

Digital Wire Remote Control

The included wire remote control allows for quick access to various functions. It displays battery voltage and provides buttons for cycling through functions, answering/hanging up calls, and accessing the main interface. This allows for control without needing to touch the main screen.

Steering Wheel Control

Through it you can control the functions you need by steering wheel, more convenient.



Figure 5: Digital wire remote control for convenient operation.

Automatic Brightness Adjustment

The display's brightness automatically adjusts based on ambient light conditions. Manual adjustment is also available to suit user preference.

MAINTENANCE

To ensure the longevity and optimal performance of your WEUASTE Motorcycle Dash Cam, follow these maintenance guidelines:

- **Waterproof Design:** The unit features an IP66 waterproof and sunscreen design, allowing it to withstand various weather conditions. It operates effectively between -4°F and 158°F.
- **Cleaning:** Use a soft, damp cloth to clean the screen and camera lenses. Avoid abrasive cleaners or solvents that could damage the surfaces.
- **Cable Management:** Periodically inspect all cables for wear or damage. Ensure connections remain secure to prevent

signal loss or power issues.

- **Storage:** If storing the motorcycle for an extended period, consider disconnecting the dash cam to prevent battery drain, especially if not connected to a switched power source.



Figure 6: The dash cam's robust design for all-weather use.

TROUBLESHOOTING

If you encounter issues with your WEUASTE Motorcycle Dash Cam, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect power connection; loose wiring; blown fuse.	Verify ACC + 12V and Ground connections. Ensure all wiring is secure. Check motorcycle's fuse box. Use the USB power cord for initial testing to confirm unit functionality.

Problem	Possible Cause	Solution
Cameras not recognized or no video feed.	Loose camera cable connection; incorrect camera port.	Ensure camera cables are fully inserted into the correct yellow ports on the splitter cable. Re-seat connections.
"TF card is loading" message persists.	SD card not properly inserted or corrupted.	Ensure the 128GB SD card is correctly inserted into the SD card slot. If the issue persists, try reformatting the SD card (if data is backed up) or using a different compatible SD card.
Wireless CarPlay/Android Auto not connecting.	Bluetooth not enabled on phone; phone not compatible; interference.	Ensure Bluetooth is enabled on your smartphone and it's discoverable. Verify your phone supports wireless CarPlay/Android Auto. Try restarting both the dash cam and your phone.
Remote control unresponsive.	Loose connection to main unit; battery low (if applicable).	Check the connection of the remote control cable to the main wiring harness.

SPECIFICATIONS

Feature	Detail
Product Dimensions	0.42 x 5.9 x 2.93 inches
Item Weight	6.6 ounces
Item Model Number	WEUASTE-Carplay-05
Operating System	Linux
Connectivity Technologies	Bluetooth, Wi-Fi, USB
Special Features	Bluetooth, Waterproof, Touch Screen
Human Interface Input	Touchscreen
Video Capture Resolution	1080p
Color	Black
Manufacturer	WEUASTE
Country of Origin	China
Vehicle Service Type	Motorcycle
Mounting Type	Dashboard Mount

WARRANTY AND SUPPORT

WEUASTE offers a 12-month warranty and dedicated technical support for your motorcycle camera/CarPlay GPS navigation system. Your satisfaction is our priority. For any questions or concerns, we guarantee a 100% satisfactory solution within 24 hours. Please contact our customer support team for assistance.

