

Eonon P6

Eonon P6 7-Inch Motorcycle CarPlay Screen Instruction Manual


Model: P6 | Brand: Eonon

1. PRODUCT OVERVIEW

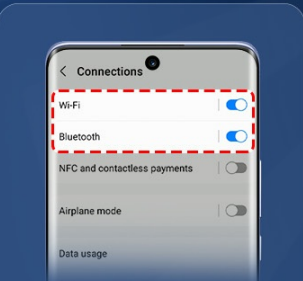
The Eonon P6 is an upgraded 7-inch motorcycle CarPlay screen designed to enhance your riding experience with advanced connectivity and safety features. It supports both wireless Android Auto and wireless CarPlay, allowing seamless smartphone integration for navigation and entertainment. The device features a high-definition 1024x600 IPS display with 700-nit brightness for clear visibility in various lighting conditions.

Equipped with a front 4K and rear 1K 110° wide-angle dual camera DVR, the P6 supports loop recording, photo capture, and file locking, providing comprehensive ride recording. It also includes real-time tire pressure monitoring (TPMS), speed display, compass, and time. Built-in speakers and Bluetooth audio output ensure clear navigation prompts and audio enjoyment. The unit boasts an IP68 waterproof and dustproof rating, ensuring durability in harsh weather.

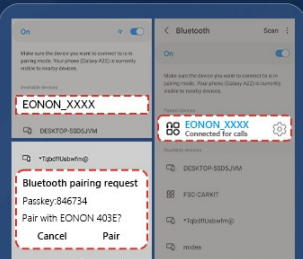
Android Auto Connection



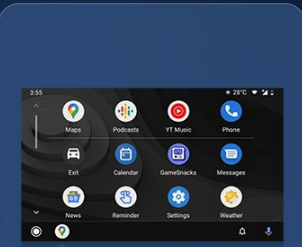
1 Click CarLink → Android Auto.



2 Turn on your phone's Bluetooth and network.



3 Find 'EONON_XXXX' in your phone's Bluetooth device list and enter password to pair.



4 Connected successfully.

Image: Eonon P6 display showing smart riding features like speed, altitude, and compass.

What's in the Box



Power cable *1



Camera *2



Wired remote control *1



Hexagon wrench *1



Bracket *1



Phillips screwdriver *1



Open-end wrench *1



GPS antenna *1



Tire pressure sensor*2



Power cable for testing *1



User manual *1



64GB microSD card (pre-installed in the slot) *1

Image: Eonon P6 screen displaying Wireless CarPlay and Android Auto interfaces, emphasizing hands-free operation.

2. WHAT'S IN THE BOX

Upon unboxing your Eonon P6, you will find the following components:

- CarPlay Screen (1 unit)
- Rear/Front Camera (2 units)
- 64GB Micro SD card (1 unit, pre-installed)
- Power cord (1 unit)
- Testing power cord (1 unit)
- GPS antenna (1 unit)
- Line control / Wired remote control (1 unit)
- Tire pressure sensor (2 units)
- Installation bracket (1 unit)
- Hexagonal wrench (1 unit)
- Cross screwdriver (1 unit)
- Open wrench (1 unit)
- User manual (1 unit)

Dual Cam Loop Recording

Capture every detail of your adventure.



64GB
microSD card
(included)



IP68 waterproof



Image: All components included in the Eonon P6 package, laid out for clear identification.

3. INSTALLATION

The Eonon P6 is designed for convenient and tool-free installation, suitable for both beginners and experienced riders. It is applicable to DC12V-24V vehicles.

3.1 Handlebar Mounting

1. Install the provided bracket to your motorcycle's handlebar using the screws. Ensure it is securely fastened.
2. Attach the screen to the bracket. Adjust its angle for optimal viewing, then tighten it securely.
3. Confirm the screen is stable and does not obstruct your view or controls.

Real-time Screen Display



Full screen



Split screen

Image: Three-step visual guide for installing the Eonon P6 screen onto a motorcycle handlebar.

3.2 Wiring

Connect the power cord to your motorcycle's battery. The red wire connects to the positive terminal, and the black wire connects to the negative terminal. For key-on/off functionality, the remote wire (yellow) should be connected to an ignition-switched power source. If an ignition-switched source is not available, connect the remote wire directly to the positive battery terminal, but remember to manually disconnect the unit to prevent battery drain when the motorcycle is off.

Route all cables (power, cameras, GPS, remote control) neatly and securely, avoiding moving parts or heat sources. Use zip ties to keep wiring tidy.

3.3 Camera Installation

Install the front and rear cameras in desired locations, ensuring a clear field of view. The rear camera is typically mounted near the license plate, and the front camera near the headlight or fairing. Connect the camera cables to the corresponding DVR-F (front) and DVR-R (rear) ports on the main unit's wiring harness.

3.4 TPMS Sensor Installation

Install the tire pressure sensors onto your tire valve stems. Ensure the correct sensor (Front or Rear, typically marked A/F.W and B/R.W) is installed on the corresponding wheel. Tighten them securely to prevent air leaks.

4. WIRELESS CONNECTIVITY (CARPLAY & ANDROID AUTO)

The Eonon P6 supports wireless CarPlay and Android Auto for seamless integration with your smartphone.

4.1 CarPlay Connection

1. On the P6 screen, click "CarLink" then select "CarPlay".
2. Turn on your iPhone's Bluetooth and Wi-Fi.
3. In your iPhone's Bluetooth device list, find "EONON_XXXX" and enter the pairing password displayed on the P6 screen.
4. Wait for your iPhone to display a pop-up window for CarPlay in-car authorization, then tap to pair. Once connected, CarPlay will launch automatically.



Image: Step-by-step guide for connecting an iPhone to the Eonon P6 via Wireless CarPlay.

4.2 Android Auto Connection

1. On the P6 screen, click "CarLink" then select "Android Auto".
2. Turn on your Android phone's Bluetooth and Wi-Fi.
3. In your Android phone's Bluetooth device list, find "EONON_XXXX" and enter the pairing password displayed on the P6 screen.
4. Once connected, Android Auto will launch automatically.

Direct phone-to-Headset Connectivity

Connect your headset directly to your phone for clearer, more stable audio during calls and music, even in complex riding conditions.



Image: Step-by-step guide for connecting an Android phone to the Eonon P6 via Wireless Android Auto.

Note on Bluetooth Audio: When using CarPlay or Android Auto, your phone's audio will typically route through the P6. To route audio directly to your Bluetooth helmet headset or earbuds, you may need to adjust the audio output settings on your smartphone (e.g., in Spotify or phone settings) to select your headset instead of CarPlay/Android Auto.

5. OPERATION

5.1 Wired Remote Control

The wired remote control allows for quick adjustments while riding, minimizing distractions.

- **Short press (top/bottom buttons):** Take photos.
- **Long press (top/bottom buttons for 3 seconds):** Lock the current video recording.
- **Short press (center button):** Answer or hang up calls (compatible with iPhone only).
- **Long press (center button for 3 seconds):** Enter the tire pressure interface, recording interface, CarPlay interface, or main interface. This also turns the touch function on/off.

Reliable in Any Weather



Anti-glare Cap & 700-nit Brightness



IP68 waterproof



Functional between -20°C and $+60^{\circ}\text{C}$

Image: Diagram illustrating the functions of the weatherproof wired handlebar remote control.

5.2 Main Interface & Navigation

The main interface displays real-time speed, compass, and time. You can access CarLink (for CarPlay/Android Auto), Dash Cam, Audio (Navigation), and Settings directly from the home screen.

5.3 TPMS Display

After successfully pairing the TPMS sensors, the main screen will display real-time tire pressure for both front and rear tires. You can switch between Bar and Psi units in the settings. An alarm will sound if tire pressure falls outside safe parameters.



Image: Eonon P6 screen showing real-time tire pressure monitoring (TPMS) for front and rear tires.

5.4 App Integration (Viidure)

Download the Viidure app to access professional riding footage, including time, speed, altitude, location, and driving routes. This app allows for mobile control and review of recorded data.

Download the Viidure app here: <https://www.6zhentan.com/app/d0001/index.html>

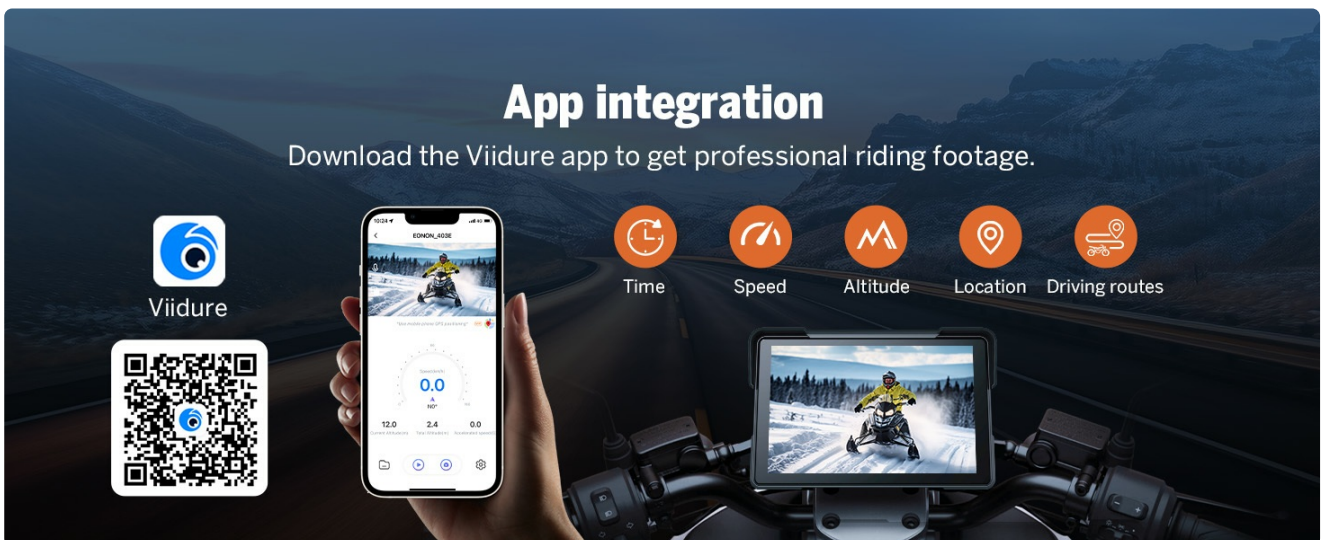


Image: Eonon P6 demonstrating integration with the Viidure app for professional riding footage and data.

6. MEDIA RECORDING (DUAL CAMERA DVR)

The Eonon P6 features a dual camera DVR system to capture your rides. The front camera records in 4K resolution, and the rear camera records in 1K resolution, both with a 110° wide-angle view. The system supports

loop recording, ensuring continuous footage by overwriting the oldest files when the memory card is full. You can also manually capture photos or lock important video segments to prevent them from being overwritten.

A 64GB Micro SD card is included and pre-installed, providing ample storage for your recordings. The system allows for real-time screen display in either full-screen mode for one camera or split-screen mode to view both front and rear cameras simultaneously.



Image: Illustration of the Eonon P6's dual camera system, highlighting 4K front and 1K rear recording capabilities.



Image: Eonon P6 screen showing options for full-screen or split-screen display of front and rear camera feeds.

7. SPECIFICATIONS

Model Name	P6
Screen Size	7 Inches
Display Type	IPS
Resolution	1024x600

Display Brightness	700-nit
Operating System	Linux (supports Android Auto, iOS CarPlay)
Connectivity Technology	Bluetooth, Wi-Fi
Special Features	Bluetooth, Touchscreen, Waterproof (IP68), Dual Camera DVR, TPMS
Memory Storage Capacity	64 GB (Micro SD card included)
Mounting Type	Handlebar Mount, Dashboard Mount
Compatible Vehicle Type	Car, Motorcycle (DC12V-24V)
Operating Temperature	-20°C to +60°C
Parcel Dimensions	28.9 x 17.5 x 9.6 cm
Item Weight	1.42 kg

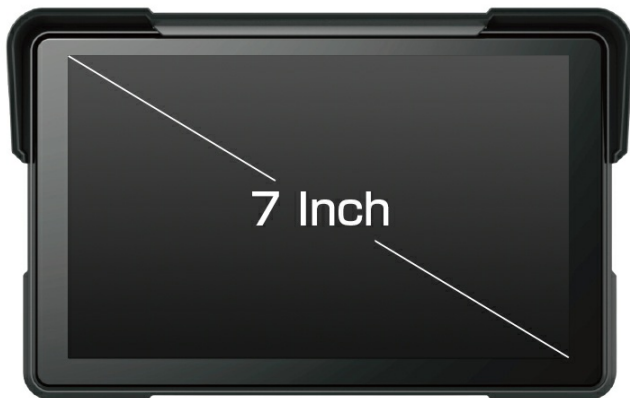


Image: Detailed dimensions of the Eonon P6 unit.

8. TROUBLESHOOTING

- **Battery Drain:** If the unit drains your motorcycle battery when the ignition is off, ensure the red power wire is connected to an ignition-switched power source, not directly to the battery. If direct battery connection is necessary, manually disconnect the unit to prevent battery drain when the motorcycle is off.
- **TPMS Not Displaying:** If tire pressure values are not appearing, ensure the sensors are correctly installed and paired. Access the TPMS interface on the unit and follow the pairing instructions in the user manual. You may need to tighten the sensors to activate them.
- **Bluetooth Audio Routing:** If audio from CarPlay/Android Auto is not routing to your helmet headset, check your smartphone's audio output settings. You may need to manually select your headset as the output device within your phone's Bluetooth settings or media app (e.g., Spotify) after connecting to the P6.
- **Screen Brightness:** In bright sunlight, if the screen is difficult to see, adjust the brightness settings via the unit's interface or the wired remote control. The 700-nit display is designed for high visibility, but direct glare can still impact readability.

- **Wired Remote Control Issues:** If the remote control is unresponsive, check its connection to the main unit. Ensure the cable is not damaged and is securely plugged in.

9. WARRANTY & SUPPORT

The Eonon P6 Motorcycle CarPlay Screen comes with a **2-year warranty**, ensuring peace of mind for your purchase. For any product-related inquiries, technical assistance, or warranty claims, please contact Eonon customer support.

Eonon is committed to providing excellent customer service, including quick replies within 24 hours (excluding weekends), 30-day free returns, and lifelong after-sales service.

Manufacturer Contact Information: EONON



Image: Eonon's commitment to quality and customer satisfaction, highlighting their long-standing reputation.