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## Vtopek Vtopek MotoCarplay

# Vtopek 7-inch Motorcycle CarPlay Android Auto Screen User Manual

Model: Vtopek MotoCarplay

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Vtopek 7-inch Motorcycle CarPlay Android Auto Screen. Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.

## 2. SAFETY INFORMATION

- Always prioritize road safety. Do not operate the device in a manner that distracts you from driving.
- Ensure all connections are secure and properly insulated to prevent electrical hazards, especially in wet conditions.
- Mount the device securely to prevent it from detaching during operation.
- Do not attempt to disassemble or modify the device. Refer all servicing to qualified personnel.
- The device is IP67 waterproof; however, avoid prolonged submersion or high-pressure water jets.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Vtopek 7-inch Motorcycle CarPlay Screen
- 1 x Mounting Bracket Kit
- 1 x Power Cable (ACC+12V and Ground)
- 1 x GPS Antenna
- 1 x Wired Remote Control
- 1 x 4K Front Camera

- 1 x 1080P Rear Camera
- 1 x 64GB TF Card
- 1 x User Manual



Image 3.1: The Vtopek 7-inch Motorcycle CarPlay Android Auto Screen shown with its main components including the display, mounting hardware, GPS antenna, remote, dual cameras, and 64GB TF card.

## 4. SETUP

### 4.1 Mounting the Device

1. Attach the U-shaped reinforced bracket to your motorcycle's handlebar. Ensure it is securely fastened and positioned for optimal viewing without obstructing your view of the road or controls.
2. Mount the 7-inch display unit onto the bracket. The bracket allows for 360-degree rotation to adjust the viewing angle.

# GPS-Navigation & Voice Control

Works with Siri & Google Voice. Drive safer, hands-free!



Image 4.1: The Vtopek 7-inch screen mounted on a motorcycle handlebar, demonstrating its placement and visibility.

## 4.2 Wiring and Power Connection

1. Connect the power cable to your motorcycle's ACC+12V power source and ground. Ensure proper polarity. The device supports DC12V-24V input.
2. Connect the GPS antenna to the designated port on the main unit.
3. Connect the wired remote control to its port for easy access to functions.

## 4.3 Camera Installation

1. Install the 4K front camera at the front of your motorcycle, ensuring a clear, unobstructed view of the road ahead.
2. Install the 1080P rear camera at the rear of your motorcycle, providing a clear view of the road behind.
3. Route the camera cables securely, avoiding moving parts and heat sources. Connect them to the corresponding ports on the main unit.

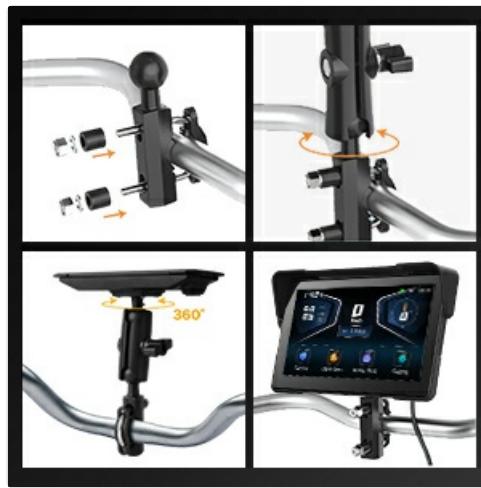


Image 4.2: A diagram illustrating the wiring connections for the main unit, cameras, and power supply.

#### 4.4 TF Card Insertion

Insert the provided 64GB TF card into the designated slot on the main unit. This card is essential for dash cam recording.

### 5. OPERATING INSTRUCTIONS

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#### 5.1 Powering On/Off

The device will power on automatically when your motorcycle's ignition is turned on (ACC+12V connection). To power off, turn off the ignition.

#### 5.2 Screen Features

The 7-inch IPS touchscreen offers a resolution of 1560x720p and up to 1000 nits brightness for clear visibility in various lighting conditions. The integrated sun visor further enhances readability.

# Newly Upgraded Dual-Bluetooth Tech

Works Seamlessly with your Bluetooth Headset/Helmet & Phone



Image 5.1: The 7-inch HD IPS touchscreen displaying navigation, mounted on a motorcycle handlebar.

## 5.3 Wireless CarPlay and Android Auto

The device supports wireless CarPlay and Android Auto for seamless smartphone integration.

- **CarPlay Requirements:** An iPhone with iOS 6 or later. Ensure CarPlay system and voice control are enabled on your iPhone.
- **Android Auto Requirements:** A phone that supports 5 GHz Wi-Fi and runs Android 11 or higher. Ensure the Android Auto app is updated to the latest version.
- **Connection:** Pair your smartphone with the CarPlay screen via Bluetooth and Wi-Fi. Follow the on-screen prompts for initial setup.

# Wireless Carplay & Android Auto for Motorcycle



Image 5.2: Examples of the Wireless CarPlay and Android Auto interfaces displayed on the screen.

## 5.4 Dual Bluetooth Connectivity

The device features dual Bluetooth for enhanced audio management:

1. Pair the CarPlay screen with your smartphone.
2. Connect your Bluetooth headset or helmet communication system to the CarPlay screen. This allows for hands-free calls and music playback directly through your headset.

## 7-Inch HD-IPS-Touchscreen

The larger screen provides a better experience and the sun visor design easy to viewing even in sunlight.



1560\*720  
High Resolution



Curved  
Screen



Wide-viewing  
angle panel



High-  
brightness



Image 5.3: A visual representation of the dual Bluetooth connectivity, showing the screen connecting to a smartphone and a Bluetooth headset/helmet.

### 5.5 Voice Control

Utilize voice assistants like Siri (for iOS) or Google Assistant (for Android) for safe, hands-free operation. This allows you to navigate, play music, and make calls without touching the screen.

# GPS-Navigation & Voice Control

Works with Siri & Google Voice. Drive safer, hands-free!



Online Navigation



Siri Assistant



Play Music



Phone Call

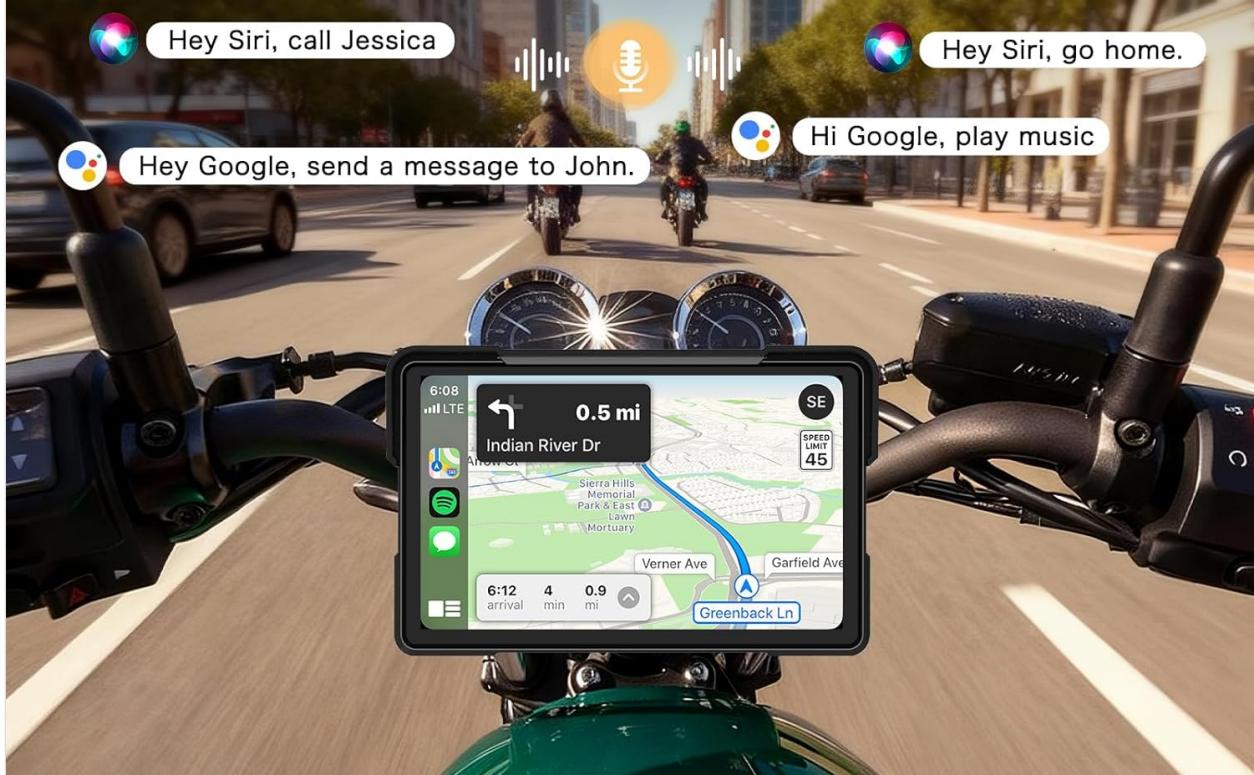


Image 5.4: A motorcycle rider using voice commands for navigation, demonstrating hands-free operation.

## 5.6 Dash Cam (DVR) Features

The integrated dual cameras provide comprehensive recording capabilities:

- **Front Camera:** 4K UHD resolution with a 150° ultra-wide angle.
- **Rear Camera:** 1080P AHD resolution with a 150° ultra-wide angle.
- **Loop Recording:** Automatically overwrites older files when the TF card is full, ensuring continuous recording.
- **Split-Screen Display:** View front and rear camera feeds simultaneously on the screen.
- **HDR Technology:** Enhances image quality for clear and detailed recordings, even at night.

# Upgrade 4K+1080P Motorcycle Dashcam

4K UHD Dashcam and 1080P HD rear camera recording details of the road ahead and behind the Motorcycle, making riding safer.



Image 5.5: The screen displaying simultaneous views from the 4K front camera and 1080P rear camera, highlighting the dual recording capability.

## 5.7 WiFi-App Control

Connect the device to your smartphone via Wi-Fi to use the dedicated app. This allows you to:

- Preview live camera feeds.
- Download recorded videos to your phone.
- Share videos directly from the app.

# Loop Recording & WiFi-App Control

When the TF card is full, it will automatically overwrite previous videos and continue recording. Simultaneously supports real-time viewing and downloading of videos on phone.

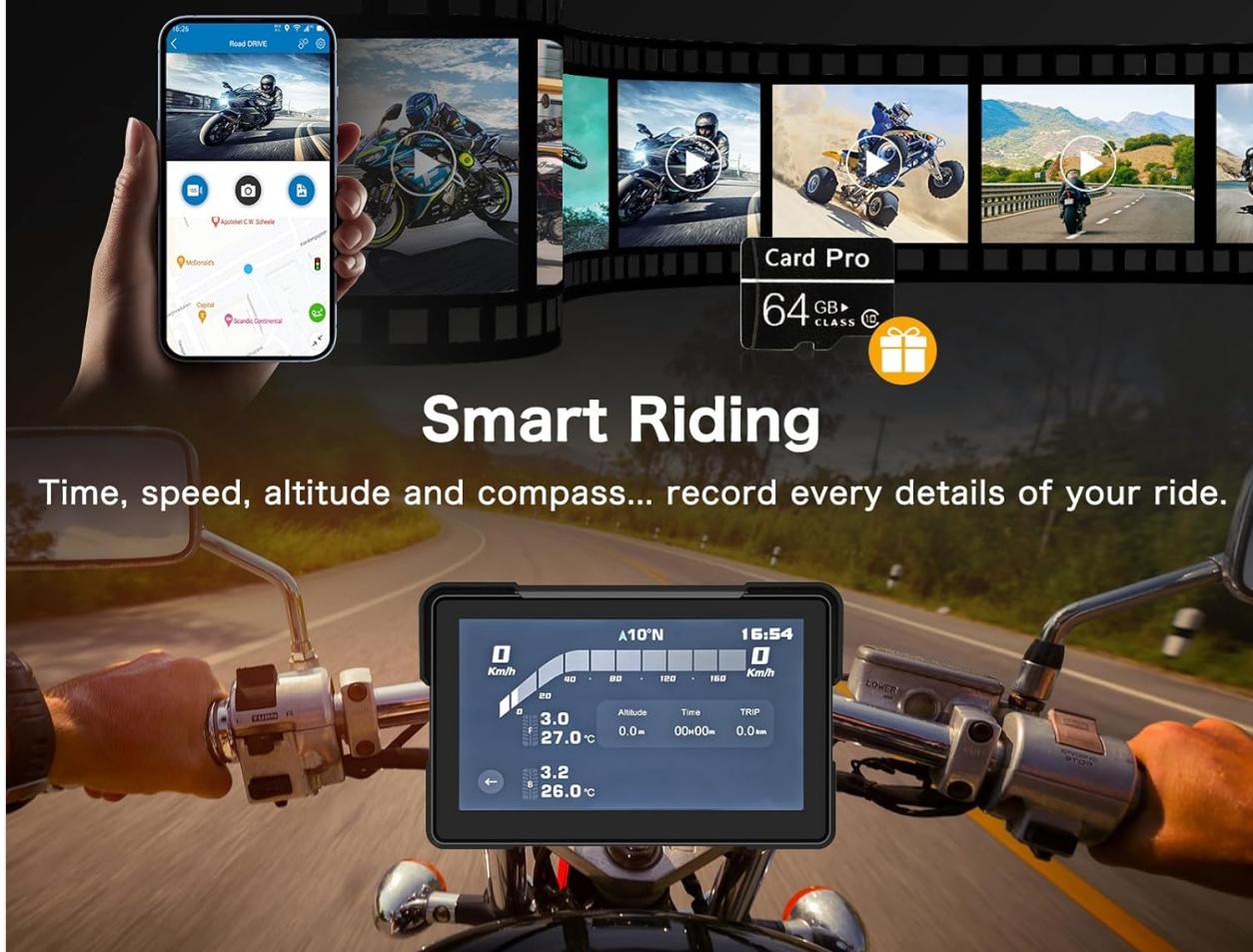


Image 5.6: A smartphone screen showing the app interface for managing dash cam recordings and sharing content.

## 5.8 Real-time Display

The screen can display real-time information relevant to your ride, including:

- Speed
- Mileage
- Altitude
- Compass

# Fit for any Environments

Rain, Shine, Sand, or Fog — Ready for any ride !



## Applicable to DC12V-24V Motorcycle



Image 5.7: The screen showing real-time riding data such as speed, altitude, and compass, enhancing situational awareness.

## 6. MAINTENANCE

### 6.1 Cleaning the Screen

Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.

### 6.2 Waterproof Design

The device features an IP67 waterproof rating, making it resistant to dust and water immersion up to 1 meter for 30 minutes. This ensures optimal performance in various weather conditions, including heavy rain.

## Carplay

To use wireless CarPlay, you must meet the following requirements:

- An iPhone with iOS 6 or later.
- You must also have both the iPhone's CarPlay system and voice control turned on.
- Please check that Siri is enabled.



## Note

- Not fully compatible with Samsung Note and S series. Please ensure your phone supports Wireless CarPlay or Wireless Android Auto before purchasing.



## Android Auto

To use Android Auto wirelessly, you must meet the following requirements:

- A phone that supports 5 GHz Wi-Fi.
- A phone running Android 11 or higher.
- A phone that supports the Android Auto APP.
- Please update to the latest version.



## Android-incompatible phone models

- Samsun Series (Samsun S20,Samsun S23,Samsun Note 20, etc.)
- Huawei Series (10 Pro, P30 lite MAR-LX1A, Mate 20,Mate 20 Pro, Mate lite 10,P40 Pro,P40, P30, P30 Pro,etc.)
- Xiaomi Series (Xiaomi 12 Pro, Xiaomi 11 lite, Xiaomi 9,etc.)
- Oppo Series (Oppo Reno 2, Oppo RENO2 Z,A16S,etc)
- Galaxy A20 (Model SM-A205g), Redmi 9,M22,P smart 2019-POT-LX1, Nova 5t, etc

Image 6.1: The Vtopek screen mounted on a motorcycle, demonstrating its waterproof capability during rain.

## 7. TROUBLESHOOTING

### 7.1 CarPlay/Android Auto Connectivity Issues

- **Compatibility:** Ensure your smartphone meets the minimum requirements (iOS 6+ for CarPlay, Android 11+ with 5GHz Wi-Fi for Android Auto).
- **Specific Phone Models:** Note that compatibility may be limited with certain Samsung (Note/S series), Huawei, and Xiaomi models. Verify your phone's wireless CarPlay/Android Auto support before purchase.
- **Connection Steps:** Re-attempt pairing via Bluetooth and Wi-Fi. Ensure both are enabled on your phone and the device.

### 7.2 Dash Cam Recording Problems

- **TF Card:** Ensure the 64GB TF card is properly inserted and not full. The loop recording function should manage space automatically.
- **Formatting:** If issues persist, try formatting the TF card through the device settings.

- **Power Supply:** Verify stable power supply to the device.

### 7.3 General Device Malfunctions

- **Restart:** Turn off your motorcycle's ignition and restart it to power cycle the device.
- **Firmware:** Check the manufacturer's website for any available firmware updates.

## 8. SPECIFICATIONS

Feature	Specification
Brand	Vtopek
Model Name	Vtopek MotoCarplay
Screen Size	7 Inches
Screen Resolution	1560x720p
Screen Brightness	Up to 1000 nits
Front Camera	4K UHD, 150° wide angle
Rear Camera	1080P AHD, 150° wide angle
Connectivity	Bluetooth, Wi-Fi (5GHz for Android Auto)
Storage	64GB TF Card (included)
Power Input	DC12V-24V
Waterproof Rating	IP67
Mounting Type	Handlebar Mount

## 9. WARRANTY AND SUPPORT

Your Vtopek MotoCarplay device comes with a **1-year warranty** from the date of purchase. Additionally, Vtopek provides **lifetime technical assistance**.

If you encounter any issues or require support, please contact Vtopek customer service. Refer to the contact information provided with your product packaging or on the official Vtopek website.