

M2 PRO Motorcycle Riding System

The Alienrider M2 Pro Motorcycle Dashcam is a cutting-edge accessory designed to redefine your riding experience.

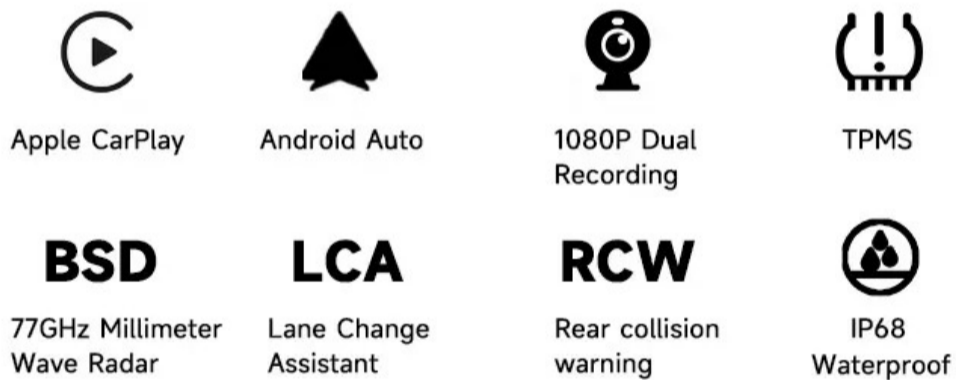


AlienRider M2 Pro

ALIENRIDER M2 PRO MOTORCYCLE RIDING SYSTEM WITH CARPLAY, ANDROID AUTO, FRONT/REAR HD RECORDING, RADAR, TIRE PRESSURE AND TEMPERATURE MONITORING



- ✓ 6.1-inch 18:9 large Screen; 1200nit 1440*720 Pixels
- ✓ Fast connectivity to CarPlay/Android Auto, support phone mirroring
- ✓ 77GHz millimeter-wave BSD Warning System
- ✓ Lane Change Assist Warning (LCA)
- ✓ Rear Collision Warning (RCW)
- ✓ Sony IMX307 chip, 6G Lens, HDR, night vision
- ✓ Real time monitoring of air pressure and temperature of tires, supporting 2/3/4 wheelers
- ✓ One-click to lock the screen, prevent rain interference
- ✓ Loop recording, WiFi connection
- ✓ Waterproof rating IP67



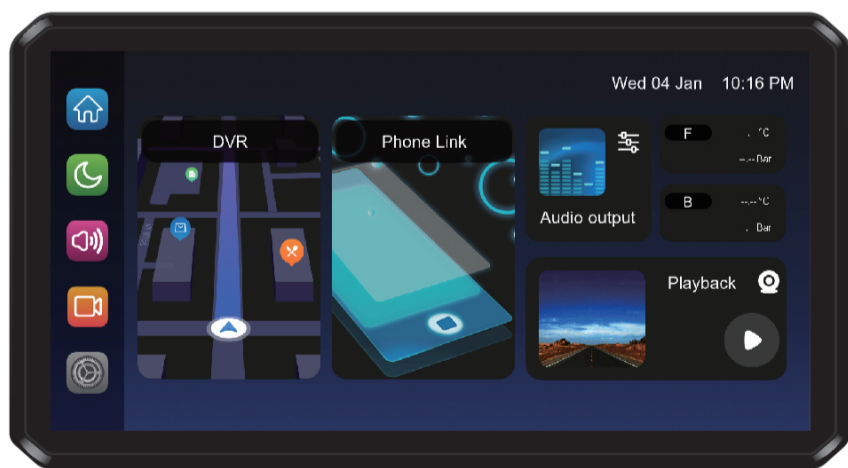
Package Inclusions

- Host / Display
- Front and Rear HD Cameras
- Radar Module for BSM/LCA
- TPMS Sensors, for front and rear wheels
- Installation tools, Hardware and Brackets
- Screen Protector



Alien Rider M2 PRO Specifications

| Product Configuration Parameters | |
|------------------------------------|--|
| Display Screen | 6.1 inches with an 18:9 aspect ratio, high brightness at 1000 nits, 1440*720 |
| CPU | AMD-R5 |
| DDR3 (RAM) | 2Gb |
| System | Linux |
| Operating method | touchscreen |
| Software update | Supports TF card upgrade and remote OTA (Over-The-Air) upgrade via the app |
| Phone connectivity | Apple Carplay/Android Auto/bluetooth music/ WIFI video |
| WiFi | 2.4G:WIFI 802.11b/g/n 2.4G;HT20 5G: W56 (5500-5700MHZ) DFS |
| View and download video recordings | Supports viewing recorded video files on the TF card and downloading video files to the phone |
| Bluetooth | Bluetooth4.0 |
| USB | Micro USB |
| Collision Lock | 3-axis G-sensor, supports loop recording |
| Camera | Front/Rear Sony IMX307, LQR, 1080p |
| Video parameters | Fron/Rear 1920*1080, 30fps |
| Lens angle | 120 degree wide-angle |
| Video compression standard | H.264 encoding |
| Video format | TS format |
| Storage | Get genuine U3 TF cards designed for dashcams from official retailers like SanDisk or Kingston. These cards support up to 256GB capacity and ensure optimal performance for your dashcam |
| Blind Spot Radar Warning | 77G millimeter wave radar detects vehicles from the left, right and rear directions and provides safety warnings |
| Microphone | One built in waterproof microphone with two independent ADC channels, offering echo and noise cancellation at -40db+2db |
| Physical buttons | Switch/Capture/Home |
| External AUX interface | 3.5mm AUX jack outputs left and right channels |
| G_sensor | gravity sensor, three-axis |
| Power supply | DC12V, supports a wide voltage range of 9 to 16 volts |
| ACC power on/off | ACC power on/off Supports ACC detection, activating with 'ACC_ON' and entering standby mode when 'ACC _OFF' |
| Working current | 12V, 550mA |
| Standby current | After turning off ACC, enters standby sleep mode with consumption less than 0.25mA |
| Working environment | -20°C~ + 70°C,Relative humidity: 5% to 95% (No Frost) |
| Storage temperature | -30°C- +80°C |



Alien Rider M2 PRO Product Manual

Preface

Dear user:

Thank you for choosing this product. To ensure a superior user experience, we strongly recommend carefully reading this manual.

This Product boasts a 6.1-inch high-brightness IPS touch screen and is equipped with a specialized motorcycle UI, providing simple and fast operation. Offering multiple enhanced functions, it effortlessly delivers intelligent information on a large screen while riding, ensuring a safer and more flexible smart riding experience for users.

Product Introduction

Product Overview:

The M2 is a smart motorcycle riding system that integrates streaming media, phone connectivity (Apple Carplay, Android Auto, Bluetooth music, WiFi video), Blind Spot Radar Warning System, Tpms, phone Bluetooth, music play, and video playback functions.

The Device is equipped with front and rear high-definition 1080P cameras, one-click capture, ultra-low power standby, and other functions.

Packaging Includes:

Main unit: M2 Host, M2 front and rear cameras, 77G millimeter wave Blind Spot Radar(optional)

Accessory - (mounting bracket): Round-head mount, A pair of 2mm diameter changing rings, A pair of 4 mm diameter changing rings, A pair of 6 mm diameter changing rings, A pair of 8 mm diameter changing rings

Accessory - (Remote Controller): Button, U-shaped bracket, L-shaped bracket, Z-shaped bracket

Accessory - (Tpms - optional): External Tpms, Internal Tpms, Wrench, Anti-theft nut

Accessory - (others): Power Cable, Screwdriver, Three hexagon wrench (M4, M6, M8), $\Phi 10$ Wrench

Detailed Explanation of Product Components:

Front View of the Host
Back View of the Host
Mic, Micro USB port, TF card slot
Camera: Lens module, Tighten screw,
3M adhesive, Waterproof connector

Product Installation

Device Installation:

1.1. This product is designed for fuel-powered motorcycles. If installing it on electric bicycles or motorcycles, an inverter is necessary to reduce the voltage to 12V.

2.1. B+ (Main power): Connect the yellow power line to the positive terminal of the battery.

2.2. GND: Connect the black line to the negative terminal of the battery.

2.3. ACC: The red line serves as the ACC power line. Locate the fuse box, switch off the ACC (dashboard is off) to measure 0 voltage. When the ACC is on or the vehicle is started, there should be a 12V fuse or an empty fuse slot available to serve as an ACC power supply.

Note: It's crucial to connect all three wires correctly to ensure the device functions properly and to avoid any potential issues!

Installation instructions:

Fixing the M2 Host
Secure the fixed bracket onto the support rod
Adjust the position of the lens to ensure the recording frame is centered
Secure the buttons on the rightmost part of the left handlebar

Method to connect your phone to the device

Scan the QR code to download 'Moto-DVR' app:

Download for iPhone / Download for Android

To view the video via a Wi-Fi connection:

Activate the Wi-Fi function and search for Wi-Fi network named 'M2PRO-*****'

Mobile Wi-Fi Preview and Video Download:

Under Wi-Fi connection, live streaming can be continuously accessed but only when the vehicle is ignited and within 10 meters of the vehicle

Function Introduction

Main Interface:

The main functions include: driving recording, phone connectivity, Bluetooth, tire pressure monitoring, video playback and etc.

Phone Connectivity Interface:

Choose one of the following four methods based on your preferences, then follow the on-screen instructions to connect your phone. Once the phone is initially connected, the device will automatically establish the connection every time it's started, without the need for additional settings.

Tire Pressure Monitoring Interface:

1. Tire Pressure Operation Steps
2. Tire pressure sensors come pre-configured from the factory

Blind Spot Radar Warning System (Optional)

1. BSD blind spot detection system
2. LCA Lane Change Assist Warning
3. RCW Rear-end Collision Warning
4. Radar Installation
5. Button Functions
6. Settings
7. Self-developed ultra-compact, proprietary motorcycle tilt angle algorithm
8. Fearless of rain, fog, and night - unaffected by any environmental interference



M2 PRO After-sales warranty items

| Common Troubleshooting | |
|--|--|
| Problem Description | Solution |
| Unable to power on | <ol style="list-style-type: none"> 1. Ensure the power interface screw cap is properly tightened. 2. Inspect the three wires (B+, ACC, GND) for any breaks or poor connections. |
| Touchscreen unresponsive | <ol style="list-style-type: none"> 1. If the touch screen isn't responsive during startup, wait for a complete boot-up before using the screen. 2. Inspect the touch screen for any damage. Avoid using sharp objects on the screen to prevent potential damage. |
| No image from the camera | <ol style="list-style-type: none"> 1. Check if the yellow interface of the camera is tightened. 2. Ensure the correct usage of the camera. |
| Machine overheating leading to slow performance and lagging | Avoid prolonged exposure to direct sunlight. If the temperature rises too high, the device will automatically protect itself by pausing operation until the recorder's temperature returns to normal before resuming work. |
| Unable to connect Carplay | <ol style="list-style-type: none"> 1. Initial connection may take longer than usual. 2. Apple Carplay is only supported on iPhones. 3. Ensure both the phone's Wi-Fi and Bluetooth switches are turned on. 4. Disconnect from any Wi-Fi networks that don't provide internet access, like 'carlink.' 5. Navigate to phone settings - General - Carplay, delete all records, and reconnect. 6. Restart the iPhone and reconnect |
| Unable to connect Android Auto | <ol style="list-style-type: none"> 1. Disable and re-enable the phone's Bluetooth, then reconnect to the device's Bluetooth. 2. Clear the cache and data of the phone's Google Play services, restart the phone, and reconnect Bluetooth (Clearance steps: Settings-Apps-Google Play services-Storage & cache- Clear cache, Manage space-CLEAR ALL DATA) |
| Warranty Coverage | |
| 1. Within one year from the purchase date, manufacturing or component malfunctions under normal usage conditions are covered by the warranty, excluding consumable parts. | |
| 2. During the warranty period, repair fees may apply under the following conditions at the company's discretion: | <ol style="list-style-type: none"> (1) Improper use, operational negligence, or faults due to not following installation guidelines. (2) Repairs, adjustments, or modifications by unauthorized repair centers or personnel. (3) Malfunctions caused by the use of accessories not provided by our company. (4) Malfunctions caused by natural disasters such as floods, fires, earthquakes, etc. (5) Damage incurred during transportation or during the return shipment for repair. (6) Products or accessories not sold by the company are not covered. |
| 3. Any damages caused by the owner, including physical damage, are not covered under warranty. | |