INNOVV N1 Pro

INNOVV N1Pro Motorcycle Carplay Dash Cam Instruction Manual

Model: N1 Pro

1. Introduction and Overview

The INNOVV N1Pro is a dedicated motorcycle dash cam system compatible with Apple CarPlay and Android Auto, featuring a 6-inch touchscreen display. It includes front and rear 1080P HD cameras for comprehensive road recording, GPS navigation, and multimedia functions. Designed for durability, the unit is IP67 waterproof and built with an aluminum body to withstand various environmental conditions.
This manual provides detailed instructions for the installation, operation, and maintenance of your INNOVV N1Pro system.

2. What's in the Box

Verify that all components are present before beginning installation:

- DVR and Display (1 pc)
- 0.6 Meters Extended Cable (2 pcs)
- 2.5 Meters Extended Cable (1 pc)
- Power Supply Cable (1 pc)
- Accessory Kit (3 pcs)
- Manual (1 pc)
- Tire Pressure Sensor (Optional) (2 pcs)



Image: All components included in the INNOVV N1Pro package.

3. Setup and Installation

Proper installation is crucial for optimal performance and durability. Due to variations in motorcycle structures, adapt the installation steps as necessary.

3.1 Front Camera Installation

Assemble the front camera mount using the provided hardware. Select a suitable location on your motorcycle, typically near the handlebars or front fairing, ensuring a clear view of the road ahead.

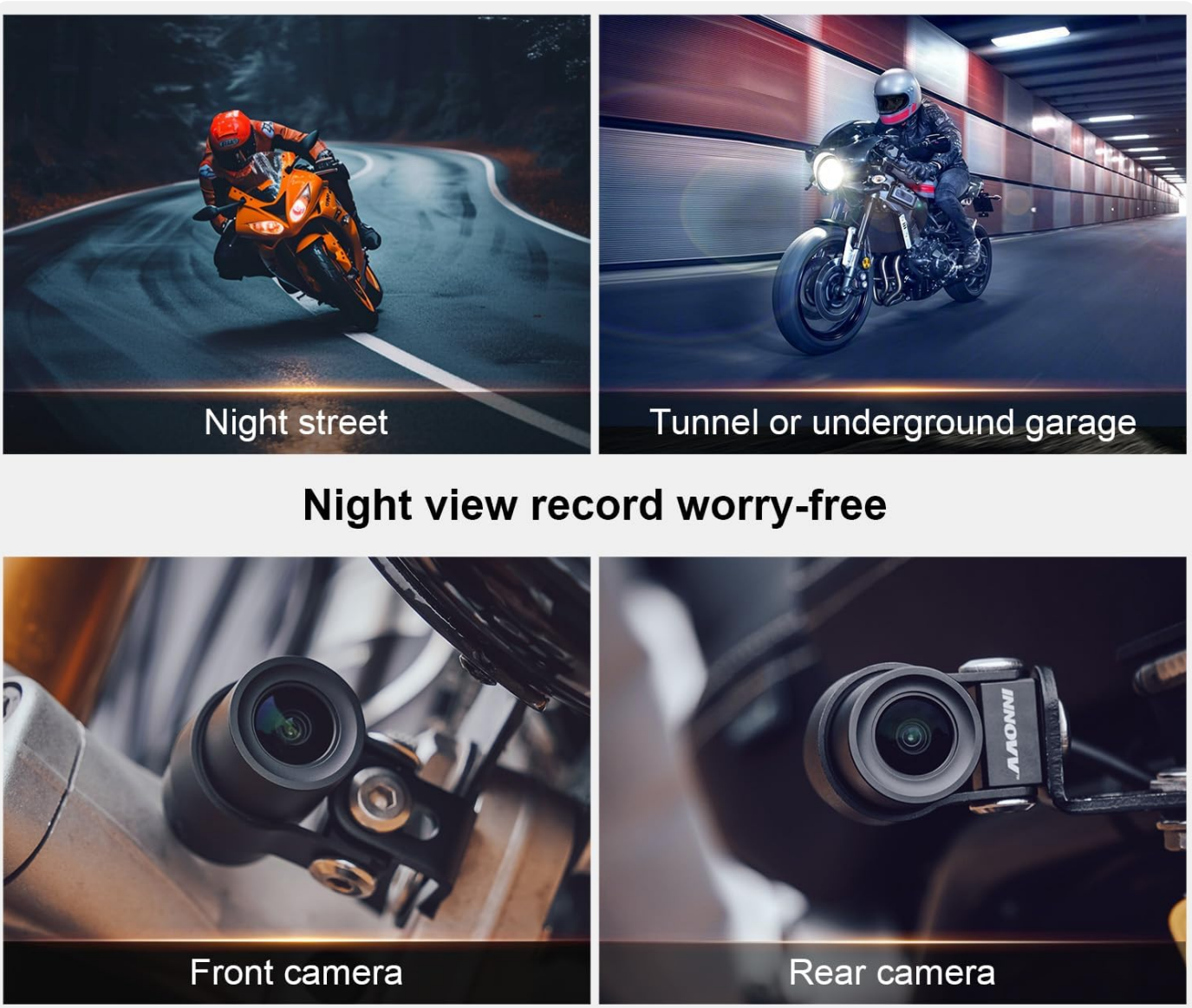


Image: Close-up of the INNOVV N1Pro front camera mounted on a motorcycle.

Video: Front Camera Installation Guide

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Video Description: This video demonstrates the step-by-step assembly and mounting of the front camera for the INNOVV N1Pro system on a motorcycle handlebar.

3.2 Rear Camera Installation

Assemble the rear camera mount. Identify a suitable location at the rear of your motorcycle, such as near the license plate or fender, ensuring an unobstructed view of the road behind.



Image: Close-up of the INNOVV N1Pro rear camera mounted on a motorcycle.

Video: Rear Camera Installation Guide

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Video Description: This video illustrates the assembly and secure mounting of the rear camera for the INNOVV N1Pro system on the motorcycle's rear section.

3.3 DVR Installation and Memory Card Insertion

The DVR unit houses the memory card slot. Unscrew and open the protective cover, remove the waterproof strip, insert the memory card (up to 256GB, not included), then reattach the waterproof strip and protective cover. Install the DVR mount on the motorcycle handlebars and attach the DVR unit securely.

Video: DVR Installation and Memory Card Insertion

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Video Description: This video guides you through opening the DVR, inserting the memory card, re-securing the waterproof cover, and mounting the DVR unit on the motorcycle.

3.4 Power Cable Connection

Disassemble the motorcycle's rear seat to access the battery. Test the positive and negative power supply terminals using a multimeter. Connect the red wire to the power positive terminal and the black wire to the power negative terminal. Connect the ACC (yellow) wire to a 12V switched power source that activates when the motorcycle is started. Route the power cable from the battery to the DVR unit, ensuring it is secured and not interfering with moving parts.

Video: Power Cable Connection Guide

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Video Description: This video demonstrates how to connect the power cable to the motorcycle battery and ACC wire, and how to route the cable safely.

3.5 Camera and DVR Connection

Route the rear camera cable from the back of the motorcycle to the front, connecting it to the DVR. Similarly, connect the front camera to the DVR. Ensure all connections are secure and waterproof. Use cable ties to manage loose cables for a clean and safe installation.

Video: Camera and DVR Connection Guide

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Video Description: This video shows the process of routing and connecting the front and rear camera cables to the DVR unit, including cable management.

3.6 Install Front and Rear Tire Pressure Sensors (Optional)

If your model includes tire pressure sensors, install them on the front and rear tire valves. Ensure they are securely fastened and paired with the system via the settings menu.

Video: Tire Pressure Sensor Installation Guide

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Video Description: This video demonstrates the installation of the optional tire pressure sensors on the motorcycle's wheels and how to pair them with the N1Pro system.

3.7 Final Checks and Motorcycle Restoration

After all components are installed and cables are managed, start the motorcycle to power on the N1Pro. Check that both front and rear camera feeds are displayed correctly and that all functions are operational. Restore any disassembled motorcycle parts, such as the seat, ensuring they are securely reattached.

Video: Final System Check and Motorcycle Reassembly

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Video Description: This video shows the final steps of verifying the N1Pro's functionality and reassembling the motorcycle after installation.

4. Operating Instructions

4.1 CarPlay and Android Auto Connectivity

The N1Pro supports both Apple CarPlay and Android Auto. Connect your smartphone via Bluetooth and Wi-Fi to mirror your phone's interface on the 6-inch touchscreen. This allows access to navigation, music, calls, and messages directly from the display.

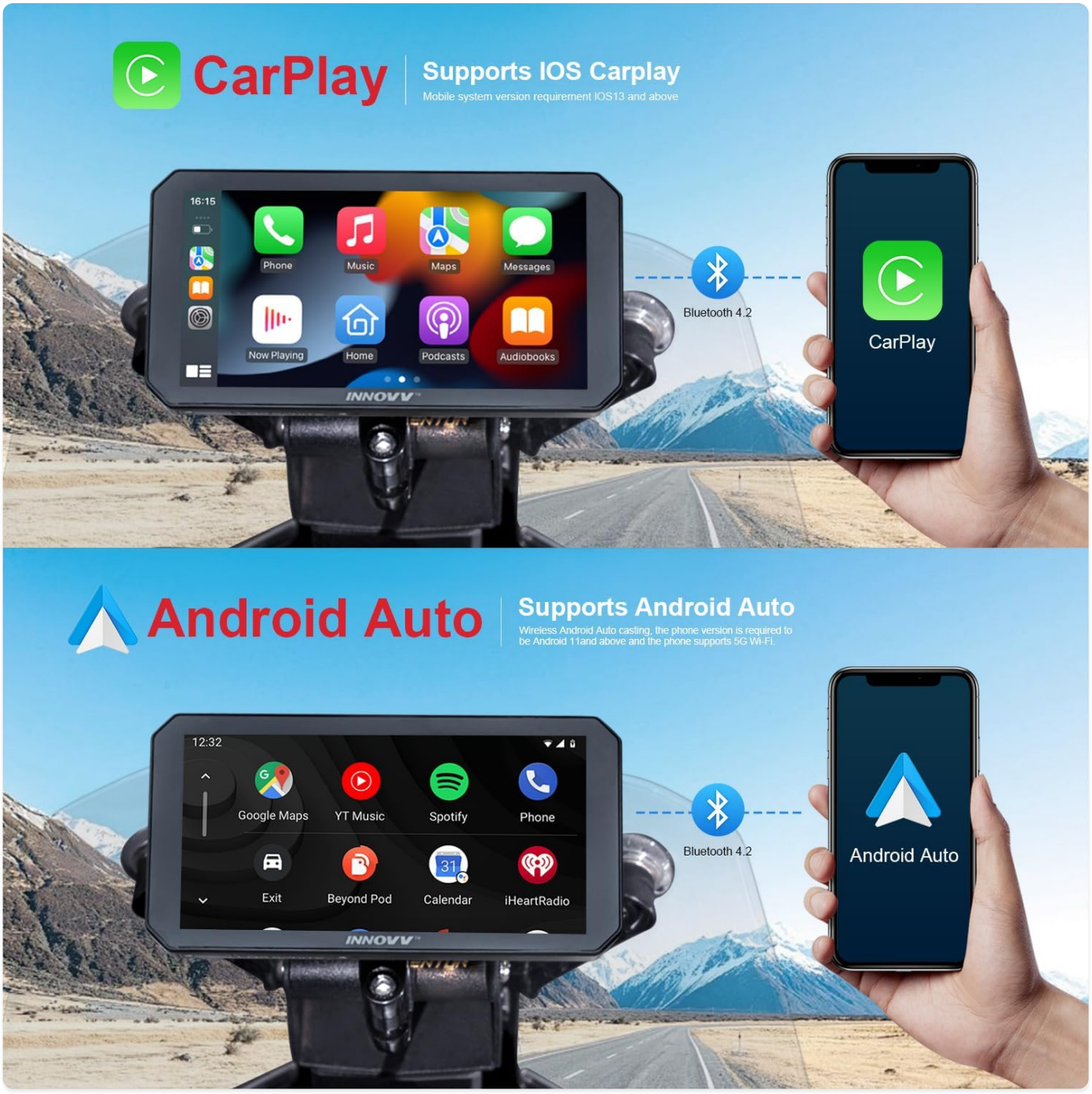


Image: The INNOVV N1Pro display showing both Apple CarPlay and Android Auto interfaces.

Video: CarPlay/Android Auto Connection Guide

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Video Description: This video demonstrates how to connect your smartphone to the INNOVV N1Pro using Apple CarPlay and Android Auto for seamless integration.

4.2 Dashcam Functions (Recording and Playback)

The N1Pro records continuously in 1080P 30FPS from both front and rear cameras. It features loop recording, automatically overwriting older files when the memory card is full. Access recorded footage directly on the device or via the mobile app.



Image: The INNOVV N1Pro display showing the loop recording feature, capturing important moments.

Video: Dashcam Recording and Playback

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Video Description: This short video demonstrates the live view and recording capabilities of the N1Pro dashcam, showing both front and rear camera feeds.

4.3 App Connection and Video Download

Download the "WIFI Camera" app from your smartphone's app store. Connect to the N1Pro's Wi-Fi network to view live feeds, access recorded videos, and download files directly to your phone.

Video: App Connection and Video Download Guide

Your browser does not support the video tag.

Video Description: This video demonstrates how to connect the N1Pro to a smartphone app, view camera feeds, and download recorded videos.

4.4 GPS Navigation

Utilize the integrated GPS navigation system through CarPlay or Android Auto for real-time route guidance. The 6-inch touchscreen provides clear map views and turn-by-turn directions.



Image: The INNOVV N1Pro display showing GPS navigation with various map applications.

4.5 Music Playback

Connect your phone to enjoy music through your motorcycle's audio system or connected Bluetooth headset. Control playback directly from the N1Pro touchscreen.



Image: The INNOVV N1Pro display showing music playback interface.

4.6 IP67 Waterproof and Durability

The N1Pro is designed with IP67 waterproofing, making it resistant to dust and water ingress. Its aluminum body ensures robust performance in various weather conditions and temperatures ranging from -20°C to 65°C.

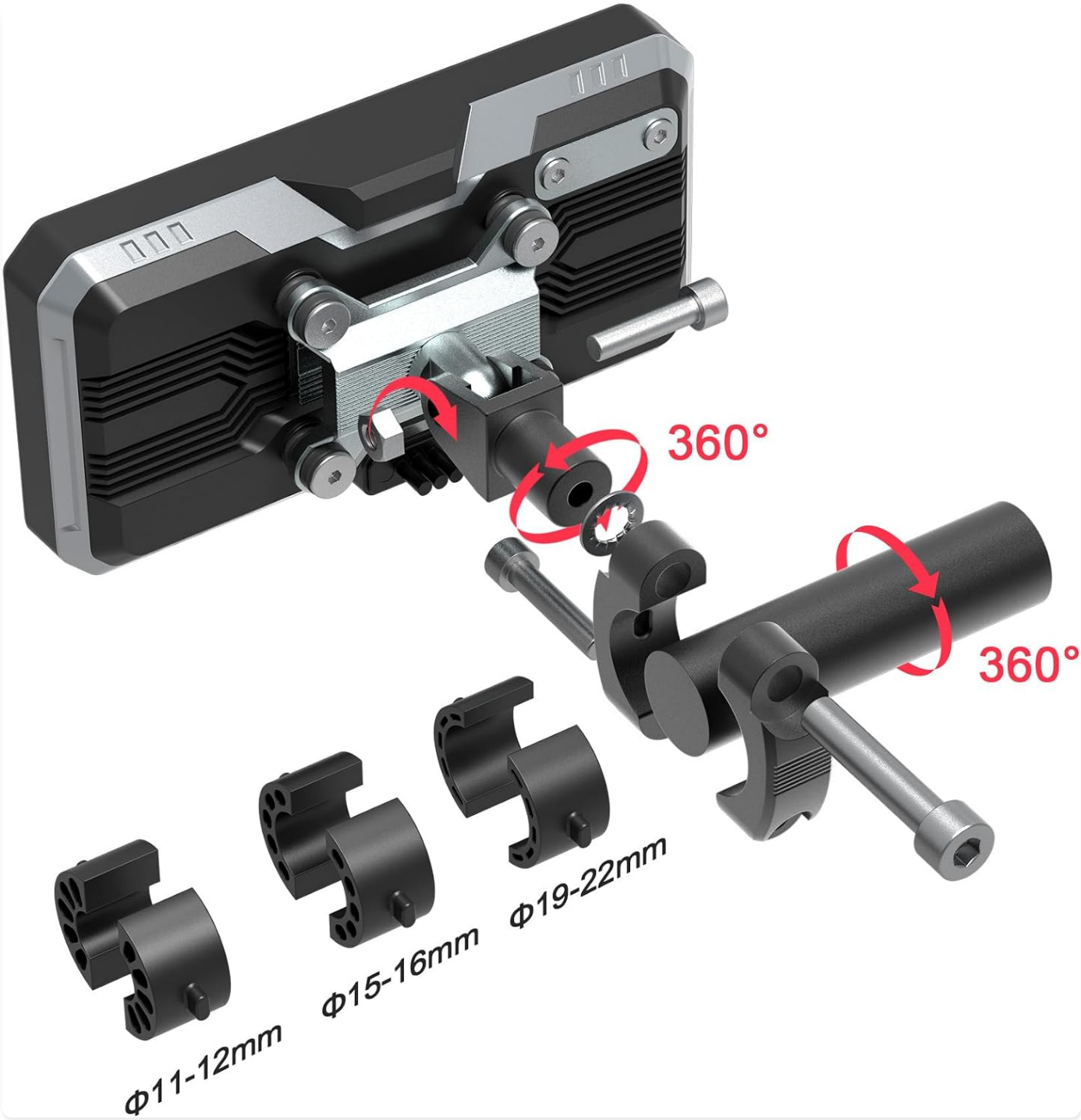


Image: The INNOVV N1Pro unit submerged in ice, demonstrating its IP67 waterproof rating.

Video: Waterproof Demonstration

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Video Description: This short video demonstrates the INNOVV N1Pro's waterproof capabilities under simulated rain conditions, highlighting its robust design.

5. Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the display and camera lenses. Avoid abrasive cleaners or solvents.
- **Firmware Updates:** Periodically check the INNOVV website or app for firmware updates to ensure optimal performance and access to new features.
- **Memory Card:** Format the memory card regularly (e.g., monthly) to prevent data corruption and ensure continuous recording. Use a high-quality, high-speed microSD card.

- **Cable Inspection:** Regularly inspect all cables and connections for wear, damage, or loose fittings. Ensure waterproof seals are intact.

6. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Loose power connection, battery issue, ACC wire not receiving power.	Check all power cable connections. Ensure the motorcycle battery is charged. Verify ACC wire is connected to a switched 12V source.
Cameras not displaying video.	Loose camera connection, damaged cable, camera malfunction.	Check camera cable connections to the DVR. Inspect cables for damage. Restart the device.
CarPlay/Android Auto not connecting.	Incorrect Bluetooth/Wi-Fi pairing, phone settings, software glitch.	Ensure Bluetooth and Wi-Fi are enabled on your phone and paired correctly. Restart both phone and N1Pro. Check for firmware updates.
Poor video quality or rolling shutter.	Camera lens obstruction, dirty lens, software issue.	Clean camera lenses. Ensure cameras are mounted securely to minimize vibration. Check for firmware updates.
Memory card errors.	Corrupted card, incompatible card, full card.	Format the memory card. Use a high-quality microSD card (Class 10 or U3 recommended). Replace if damaged.

7. Specifications

- **Product Dimensions:** 7.87 x 5.91 x 3.54 inches
- **Item Weight:** 1.1 pounds (0.5 Kilograms)
- **Video Capture Resolution:** 1080p (Front and Rear)
- **Special Features:** Android Auto, Apple CarPlay, Built-In Bluetooth, Built-In WiFi, Digital Display Screen
- **Connectivity Technology:** Wi-Fi
- **Mounting Type:** Motorbike bracket mount
- **Color:** Black
- **Control Method:** Touch
- **Waterproof Rating:** IP67
- **Operating Temperature:** -20°C to 65°C (-4°F to 149°F)
- **Memory Card Support:** Up to 256GB (MicroSD, not included)



Image: Dimensions of the INNOVV N1Pro display unit and cameras.

8. Warranty and Support

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

Online Resources:

- INNOVV Official Store on Amazon

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question