

IIWEY N1

IIWEY N1 Dual Dash Camera User Manual

Model: N1

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your IIWEY N1 Dual Dash Camera. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize its lifespan. The IIWEY N1 is designed to record both front and rear views of your vehicle, offering enhanced security and evidence in case of incidents.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 1 x IIWEY N1 Dash Camera (Front Unit)
- 1 x 1080P Rear Camera
- 1 x Car Charger
- 1 x Micro USB Cable
- 1 x Suction Mount
- 1 x User Manual (This document)
- 1 x Tool Needle

Note: A Class 10 microSD card (32GB - 128GB) is required for operation and is **NOT INCLUDED**. Please format the microSD card on a computer as instructed in this manual before first use.

3. PRODUCT OVERVIEW

The IIWEY N1 dash camera system provides comprehensive vehicle surveillance with its dual-lens setup and advanced features.



Image: The IIWEY N1 front dash camera unit with its 3.2-inch IPS screen and the separate rear camera unit, shown with a suction mount.

Key Features:

- **Dual Lens Recording:** Front camera records at 1440P, rear camera at 1080P.
- **Night Vision:** Equipped with 6 IR lights and WDR technology for clear recording in low-light conditions.
- **Wide Angle Lenses:** 170° wide angle for the front camera, 140° for the rear camera to cover multiple lanes.
- **3.2" IPS Screen:** For real-time viewing and menu navigation.
- **Emergency Video Lock (G-Sensor):** Automatically locks video footage upon impact to prevent overwriting.
- **Parking Monitor:** Provides surveillance when the vehicle is parked (requires continuous power supply).
- **Loop Recording:** Overwrites the oldest unlocked files when the memory card is full.



MAIN FEATURES



Dual
Cameras

1440p

Single
Front 1440P



Both 170°



IR
Night Vision

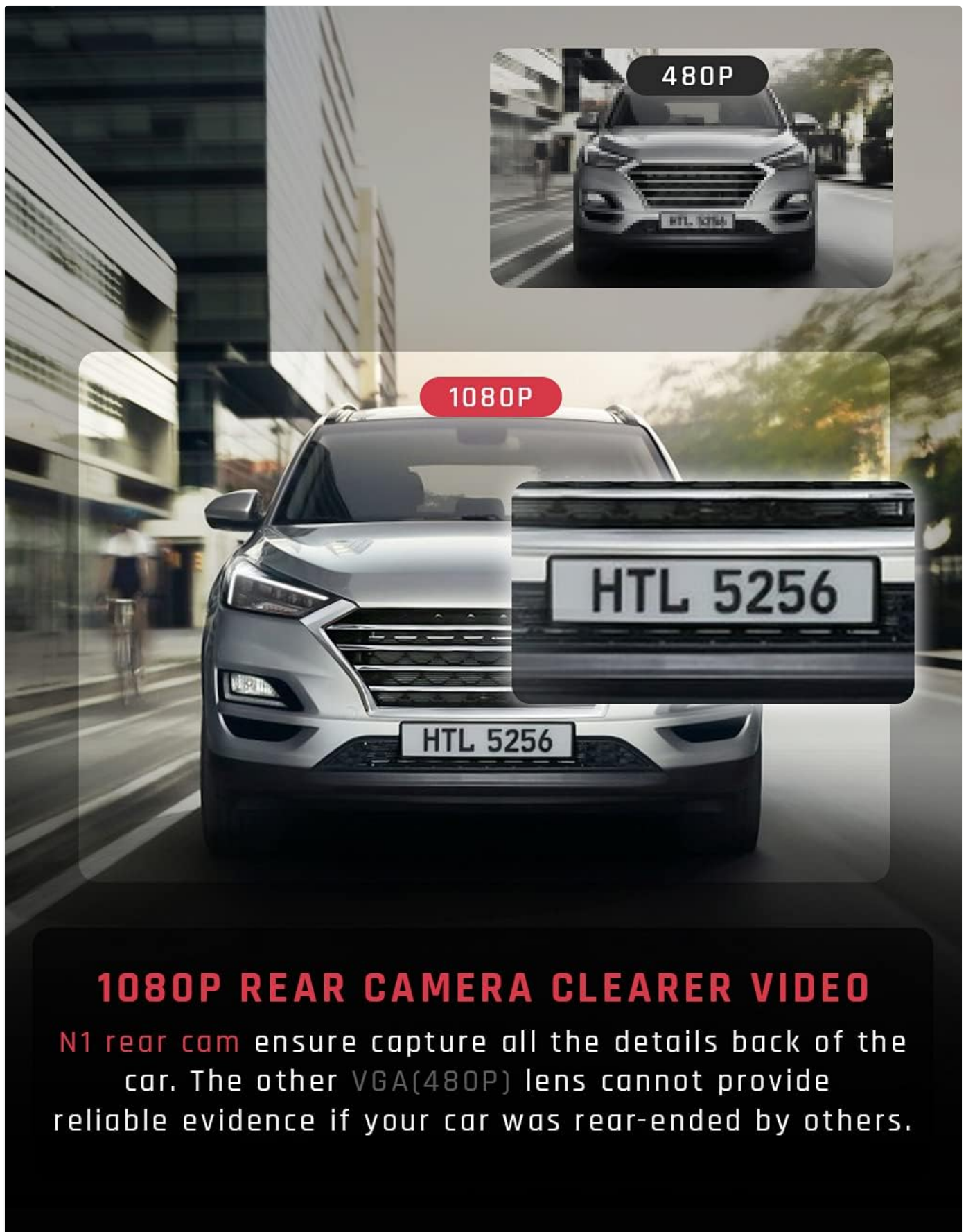


Parking
Monitor

1080p

Rear Cam
1080P

Image: Diagram highlighting main features: Dual Cameras, 1440P front, 170° wide angle, IR Night Vision, Parking Monitor, 1080P rear camera.



The image is a vertical composition. At the top, a small inset shows a front view of a silver SUV on a city street, labeled '480P' in a black rounded rectangle. Below this, a larger inset shows the same car from a rear perspective, labeled '1080P' in a red rounded rectangle. This 1080P view includes a close-up of the license plate 'HTL 5256'. The background of the entire image is a blurred street scene with buildings and a cyclist.

1080P REAR CAMERA CLEARER VIDEO

N1 rear cam ensure capture all the details back of the car. The other VGA(480P) lens cannot provide reliable evidence if your car was rear-ended by others.

Image: Comparison showing the clarity of the 1080P rear camera for capturing license plate details, contrasting with a lower resolution example.

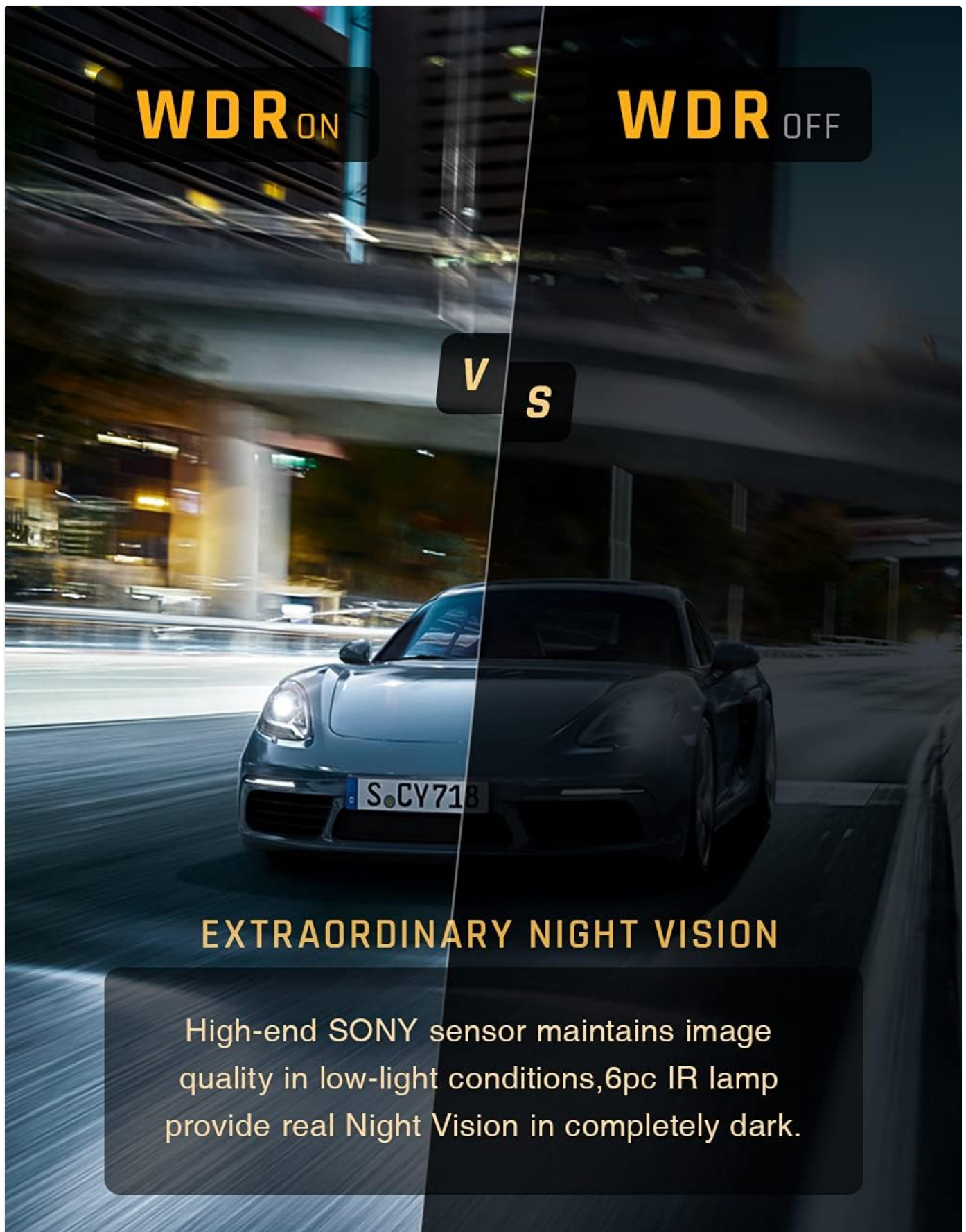


Image: Visual comparison demonstrating the enhanced clarity of night vision with WDR (Wide Dynamic Range) technology enabled versus disabled, showing a car on a city street at night.

4. SETUP AND INSTALLATION

4.1 Preparing the MicroSD Card

1. Obtain a Class 10 microSD card with a capacity between 32GB and 128GB.
2. Insert the microSD card into your computer.
3. Format the microSD card to FAT32 file system. Refer to your computer's operating system instructions for formatting external storage devices.
4. Once formatted, insert the microSD card into the dash camera's card slot.

4.2 Installing the Front Dash Camera

1. Clean the area on your front windshield where you intend to mount the dash camera. Ensure it is free of dust and grease.
2. Attach the suction mount to the dash camera.
3. Press the suction mount firmly against the cleaned windshield surface and engage the locking mechanism to secure it. Position the camera to ensure a clear view of the road without obstructing your driving vision.
4. Connect the car charger to the dash camera's power input and plug the other end into your vehicle's cigarette lighter socket. Route the cable neatly to avoid interference with driving controls.

4.3 Installing the Rear Camera

1. Identify a suitable location on your rear windshield for the rear camera. Clean the surface thoroughly.
2. Attach the rear camera using its adhesive or mounting bracket.
3. Connect the rear camera cable to the main dash camera unit. Route the cable along the vehicle's headliner and pillar trim to conceal it.
4. For the parking guide line feature to function, the rear camera's red wire needs to be connected to the live wire of your vehicle's reversing lamp. Professional installation is recommended for this step if you are unfamiliar with vehicle electrical systems.



LOOP RECORDING

Seamless loop recording overwrite the oldest videos (except for locked videos) when the SD card get full.



BUILT-IN G-SENSOR

Lock the emergency video and save the important segment as evidence for insurance claim in an accident.



Image: Illustration showing the 170-degree front camera view and 140-degree rear camera view for comprehensive coverage.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- The dash camera will automatically power on and begin recording when your vehicle's ignition is turned on (and

power is supplied to the car charger).

- It will automatically power off a few seconds after the ignition is turned off.
- To manually power on/off, press and hold the power button on the device.

5.2 Basic Recording

- Once powered on, the camera will automatically start loop recording. Video segments are typically 1, 3, or 5 minutes long (configurable in settings).
- The oldest unlocked files will be overwritten when the microSD card is full.

5.3 Emergency Recording (G-Sensor)

- The built-in G-sensor detects sudden impacts or collisions.
- When an impact is detected, the current video segment will be automatically locked and saved to a protected folder, preventing it from being overwritten by loop recording.
- The sensitivity of the G-sensor can be adjusted in the camera settings.



DUAL LENS RECORDING

Capture crystal clear details day and night,
single front camera up to 2K(1440P) video

FRONT
170°



REAR
140°



Image: Diagram illustrating the functions of Loop Recording, which overwrites old files, and the Built-in G-Sensor, which locks emergency video segments.

5.4 Parking Monitor

- When enabled, the parking monitor feature allows the dash camera to record short video clips if an impact is detected while the vehicle is parked.
- This feature requires a continuous power supply to the dash camera, either through a hardwire kit (sold separately) or a power bank. The internal battery is not sufficient for extended parking monitoring.

- It is recommended to turn off Motion Detection and Parking Guard functions while driving to avoid unnecessary recordings and potential conflicts with normal recording.

5.5 Rear Camera Parking Guide Line

- If the rear camera's red wire is correctly connected to the reversing lamp, the dash camera display will automatically switch to a full-screen rear view with parking guide lines when the vehicle is put into reverse.



6. MAINTENANCE

- **MicroSD Card:** Format the microSD card regularly (e.g., once a month) to maintain optimal performance and prevent data corruption. Back up any important videos before formatting.
- **Cleaning:** Use a soft, dry cloth to clean the camera lenses and screen. Avoid using abrasive cleaners or solvents.
- **Temperature:** Avoid exposing the dash camera to extreme temperatures. Prolonged exposure to direct sunlight in a parked car can affect its lifespan. If possible, remove the camera or park in shaded areas during hot weather.
- **Firmware Updates:** Check the official IIWEY website periodically for firmware updates. Follow the instructions provided with the update carefully.

7. TROUBLESHOOTING

Problem	Possible Cause / Solution
Camera does not power on.	Ensure the car charger is properly connected to both the camera and the vehicle's power outlet. Check if the vehicle's power outlet is functioning (e.g., by plugging in another device). The internal battery might be depleted. Charge the camera for at least 30 minutes.
Camera stops recording or shows "Card Error".	The microSD card may be full. Format the card (back up important files first). The microSD card may be faulty or not Class 10. Replace with a high-quality Class 10 card (32GB-128GB). The card may be corrupted. Format the card on a computer.
Video footage is blurry or unclear.	Clean the camera lenses with a soft cloth. Ensure the protective film has been removed from the lenses. Check if the camera is securely mounted and not vibrating excessively.
Parking Monitor does not work.	Ensure the Parking Monitor feature is enabled in the settings. Verify that the camera is receiving continuous power (e.g., via hardwire kit or power bank) when the vehicle is off. The internal battery is for emergency power only.
Rear camera not displaying or working.	Check the connection cable between the front and rear cameras. Ensure it is securely plugged in. Inspect the cable for any damage.

8. SPECIFICATIONS

Feature	Detail
Model	N1
Display	3.2 inch IPS Screen
Lens	Front + Rear Dual Lens
Front Camera Angle	170° Wide Angle

Feature	Detail
Rear Camera Angle	140° Wide Angle
Lens Aperture	F1.8
Video Encoding	H.264
Video Resolution (Single Front)	1440P (2560*1440p@30fps)
Video Resolution (Dual Channel)	1080P (1920*1080P@30fps) Front + 1080P Rear
Battery	220mA Lithium Polymer (Included)
Storage	MicroSD Card, Class 10, 32GB - 128GB (Not Included)
Connectivity	USB
Product Dimensions	3.35 x 0.47 x 1.89 inches (main unit)
Item Weight	1.17 pounds
Manufacturer	IIWEY

9. WARRANTY AND SUPPORT

9.1 Warranty Information

IIWEY provides an **18-month worry-free customer care** for all IIWEY products. This warranty covers manufacturing defects and ensures product reliability.


9.2 Customer Support






For any concerns, suggestions, or technical assistance, please contact the IIWEY support team. They offer **24/7 online service** and aim to respond immediately with helpful advice.

Please refer to the official IIWEY website or the contact information provided in your product packaging for the most current support channels.



Related Documents - N1

	<p>IIWEY S2 Dash Cam User Manual</p> <p>Comprehensive user manual for the IIWEY S2 Dash Cam, covering installation, operation, features like GPS and WiFi, troubleshooting, and system updates.</p>
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 <p>IIWEY S2</p> <p>Comprehensive user manual for the IIWEY S2 Dash Cam, covering installation, operation, features like GPS and WiFi, troubleshooting, and system updates.</p>	<p>IIWEY S2 Dash Cam User Manual</p> <p>Comprehensive user manual for the IIWEY S2 Dash Cam, covering installation, operation, features like GPS and WiFi, troubleshooting, and system updates.</p>
 <p>N1 Dual</p> <p>User Manual</p> <p>DDPAI</p>	<p>DDPAI N1 Dual Dash Cam User Manual</p> <p>Comprehensive user manual for the DDPAI N1 Dual dash cam, detailing installation, features, functions, and safety instructions for optimal use.</p>
 <p>N1 Dual</p> <p>DDPAI</p>	<p>DDPAI N1 Dual Dash Cam User Guide</p> <p>Comprehensive user guide for the DDPAI N1 Dual Dash Cam, covering specifications, package contents, installation, app usage, playback, and FCC statements.</p>
 <p>Masport</p> <p>ROTARY MOWERS</p> <p>SERIES 21</p> <p>Contractor ST 3'n1</p> <p>This document provides detailed parts information and diagrams for the Masport Series 21 Contractor ST 3'n1 rotary mower, including part numbers, descriptions, and quantities for various assemblies and components.</p>	<p>Masport Series 21 Contractor ST 3'n1 Rotary Mower Parts and Information</p> <p>This document provides detailed parts information and diagrams for the Masport Series 21 Contractor ST 3'n1 rotary mower, including part numbers, descriptions, and quantities for various assemblies and components.</p>
 <p>VANTRUE</p> <p>N1 PRO</p> <p>Comprehensive user manual for the VANTRUE N1 PRO Dash Cam, covering setup, installation, basic operation, and system settings. Learn how to install the memory card, mount the device, and configure recording preferences.</p>	<p>VANTRUE N1 PRO Dash Cam User Manual</p> <p>Comprehensive user manual for the VANTRUE N1 PRO Dash Cam, covering setup, installation, basic operation, and system settings. Learn how to install the memory card, mount the device, and configure recording preferences.</p>