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Bestsee M22PRO-FR

Bestsee M22PRO Dash Cam User Manual

Model: M22PRO-FR

1. Product Overview

The Bestsee M22PRO Dash Cam is a advanced three-channel vehicle recording system designed to provide comprehensive coverage of your driving environment. It simultaneously records video from the front, interior, and rear of your vehicle, ensuring maximum road coverage and critical evidence capture. Equipped with super night vision, Wide Dynamic Range (WDR) technology, and intelligent features like G-sensor and parking monitor, the M22PRO offers reliable surveillance day and night.



Image: Overview of the Bestsee M22PRO Dash Cam, showcasing its compact design and key functionalities.

2. Key Features

- **Three-Channel Recording:** Features a 170° front camera, 120° interior camera, and 150° rear camera for

simultaneous recording, providing extensive coverage.

- **Super Night Vision & WDR:** Equipped with a large f/1.8 aperture and Wide Dynamic Range (WDR) technology, along with 4 IR lights for the interior camera, ensuring clear and accurate recordings in low-light conditions.
- **G-Sensor (Gravity Sensor):** Automatically detects sudden shakes or collisions and locks the current video footage to prevent overwriting, preserving crucial evidence.
- **Loop Recording:** Continuously records by overwriting the oldest unlocked footage when the memory card is full, ensuring uninterrupted recording.
- **Parking Monitor:** Automatically switches to parking mode when the vehicle is turned off, providing 24-hour surveillance. This function requires a hardwire kit (not included).
- **Easy Installation:** Designed for straightforward setup on the windshield, with the rear camera easily attachable to the front lens.
- **2.35-inch LCD Screen:** Provides a clear display for real-time viewing and playback.



Image: Visual representation of the 3-channel recording system, illustrating the wide coverage angles.

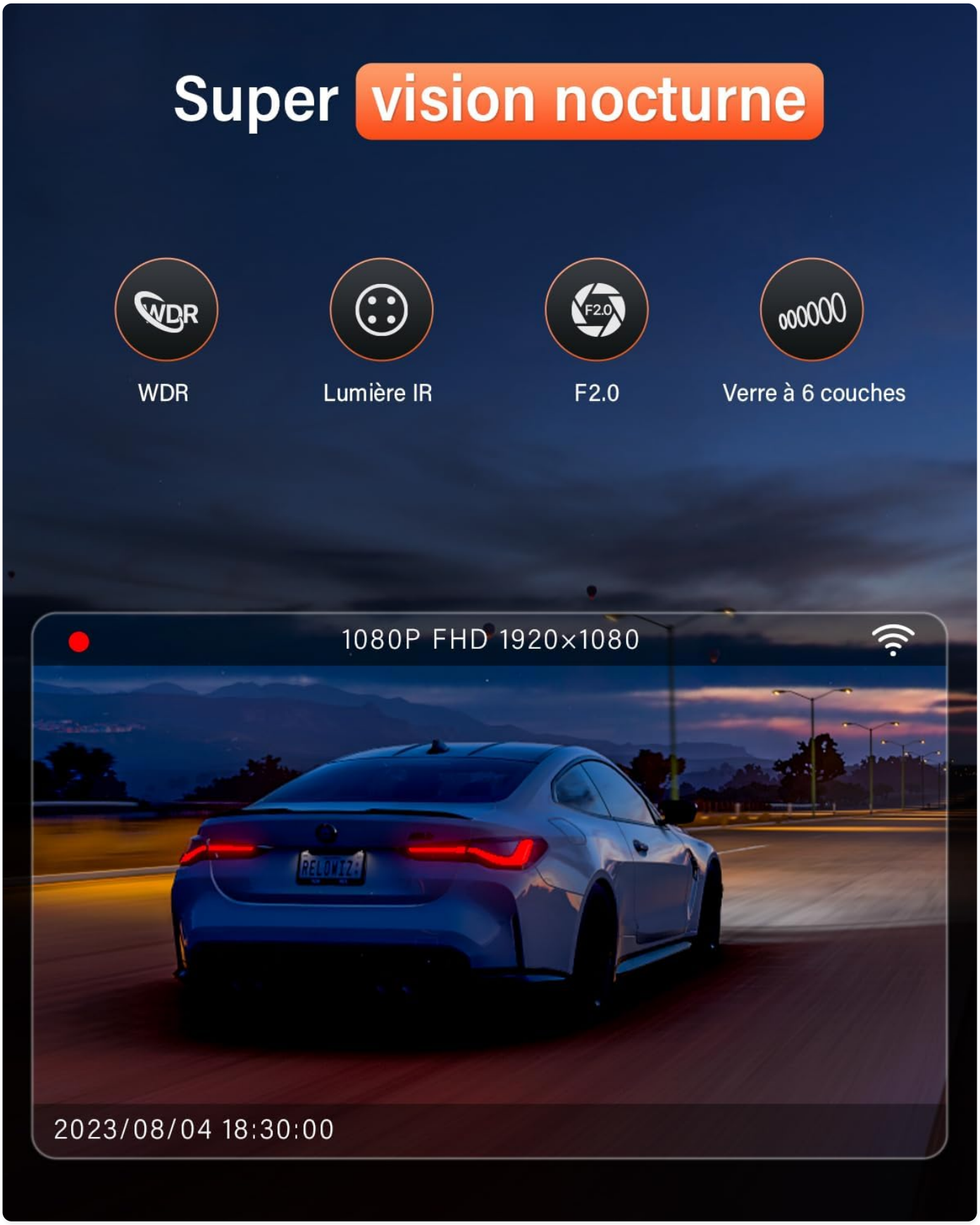


Image: Illustration of the dash cam's superior night vision performance in low-light conditions.

3. Setup

3.1 Package Contents

Before installation, ensure all components are present:

- Bestsee M22PRO Dash Cam (Front Unit)
- Rear Camera
- Power Cable
- Mounting Bracket (Suction Cup Mount)
- 64GB Micro-SD Card
- User Manual

3.2 Inserting the Micro-SD Card

Locate the Micro-SD card slot on the side of the main dash cam unit. Gently insert the provided 64GB Micro-SD card until it clicks into place. Ensure the card is inserted correctly to avoid damage.



Image: Detail of the Micro-SD card insertion point on the dash cam.

3.3 Mounting the Dash Cam

1. **Front Camera:** Attach the suction cup mount to the front dash cam unit. Choose a suitable location on your vehicle's windshield, preferably behind the rearview mirror, ensuring it does not obstruct your view. Clean the windshield surface thoroughly before attaching the mount. Press firmly to secure.
2. **Rear Camera:** The rear camera is designed to be easily attached to the front lens of the main unit. Connect the rear camera cable to the designated port on the main dash cam.
3. **Power Connection:** Connect the power cable to the dash cam and plug the other end into your vehicle's cigarette lighter socket or a suitable USB power source.

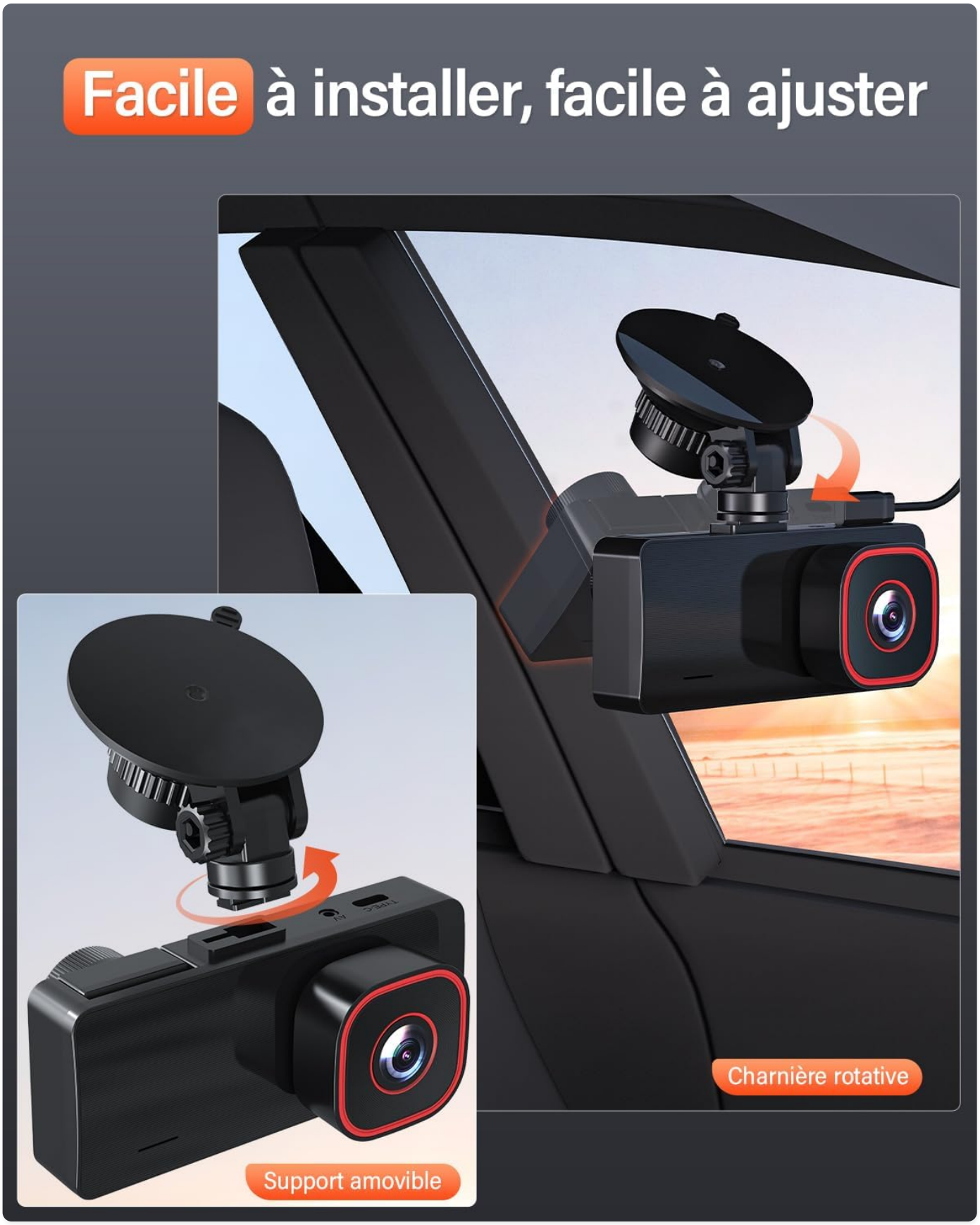


Image: Visual guide demonstrating the flexible mounting and adjustment options for the dash cam.



Image: Detailed diagram illustrating the connection points for the front and rear cameras, and power supply.

4. Operating Instructions

4.1 Automatic Recording

The Bestsee M22PRO Dash Cam is designed to begin recording automatically once your vehicle's engine is started and power is supplied to the dash cam. Recording will stop automatically when the engine is turned off.

4.2 G-Sensor Function

The built-in G-sensor detects sudden impacts or rapid deceleration. In the event of a collision or significant shake, the dash cam will automatically lock the current video file, preventing it from being overwritten by loop recording. These locked files are stored in a separate folder on the Micro-SD card.



Image: Visual representation of the G-sensor detecting an impact and locking footage.

4.3 Loop Recording

The dash cam records video in continuous loops (e.g., 1, 3, or 5-minute segments). When the Micro-SD card reaches its storage limit, the oldest unlocked video files will be automatically overwritten by new recordings. This ensures continuous recording without manual intervention.



Image: Diagram illustrating the continuous loop recording function over a 24-hour period.

4.4 Parking Monitor

When enabled and properly powered (requires a hardwire kit, sold separately), the parking monitor function allows the dash cam to continue surveillance even when the vehicle is parked and turned off. It can detect impacts or motion and automatically record footage to protect your vehicle.



Image: Examples of situations where the parking monitor provides protection, such as during scratches or theft attempts.



Image: Depiction of the 24-hour parking mode, highlighting the need for a hardwire kit.

5. Maintenance

5.1 Micro-SD Card Management

Regularly format the Micro-SD card (at least once a month) to ensure optimal performance and prevent data corruption.

This can usually be done through the dash cam's settings menu. Replace the Micro-SD card if you notice any recording errors or performance degradation.

5.2 Cleaning

Use a soft, dry cloth to clean the dash cam's lenses and screen. Avoid using abrasive cleaners or solvents that could damage the device. Ensure the windshield area where the dash cam is mounted is clean to maintain a clear view.

6. Troubleshooting

- **Dash Cam not turning on:** Ensure the power cable is securely connected to both the dash cam and the vehicle's power outlet. Check the vehicle's power outlet for functionality.
- **Recording not starting:** Verify that the Micro-SD card is inserted correctly and is not full. Format the Micro-SD card if necessary.
- **Video footage is blurry or unclear:** Clean the dash cam lenses and the windshield area. Ensure the protective film has been removed from the lenses.
- **G-sensor is too sensitive/not sensitive enough:** Adjust the G-sensor sensitivity setting in the dash cam's menu.
- **Parking Monitor not working:** Confirm that a hardwire kit is installed and correctly connected, as this feature requires continuous power.
- **Dash Cam freezes or malfunctions:** Try resetting the device (refer to the manual for specific reset instructions, if available). If the issue persists, try updating the firmware (check the manufacturer's website for updates).

7. Specifications

Feature	Specification
Model Name	M22PRO-FR
Brand	Bestsee
Screen Size	2.35 inches (diagonal)
Front Camera Angle	170°
Interior Camera Angle	120°
Rear Camera Angle	150°
Video Recording Resolution	1080p (Front)
Connectivity	Wi-Fi
Special Features	Parking Monitor, Night Vision, G-Sensor, Loop Recording
Included Components	User Manual, 64GB Micro-SD Card
Mounting Type	Windshield Mount

8. Warranty and Support

8.1 Manufacturer's Warranty

The Bestsee M22PRO Dash Cam comes with a 12-month manufacturer's warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

8.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Bestsee customer support immediately via Amazon message or email. Our support team is dedicated to helping you resolve any issues in a timely manner.

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