REDTIGER F77

REDTIGER F77 4K+4K Dash Cam User Manual

Model: F77

1. PRODUCT OVERVIEW

The REDTIGER F77 is an advanced 4K+4K front and rear dash camera system designed to provide comprehensive vehicle surveillance. It features dual STARVIS 2 IMX678 sensors for superior image quality, especially in low-light conditions, and includes a built-in 128GB eMMC storage for reliable recording without the need for an external memory card. The F77 offers smart voice and touch control, fast 5.8GHz Wi-Fi connectivity, and integrated GPS for detailed incident logging. Its 24-hour parking monitoring capabilities ensure your vehicle is protected even when parked.

Image 1.1: The REDTIGER F77 dash camera system, showing both front and rear units alongside a smartphone displaying the companion app interface with map and camera view.

2. WHAT'S IN THE BOX

Please check the contents of your package to ensure all items are present:

- 1 * F77 4K Front Dash Cam
- 1 * F77 4K Rear Dash Cam
- 1 * 11.5ft Power Supply Cable with Car Charger
- 1 * Data Transfer USB Cable
- 1 * 21.3ft Rear Camera Cable
- 2 * Electrostatic Sticker
- 2 * Adhesive Mount
- 5 * Cable Clip
- 1 * User Manual
- 1 * Crowbar (for cable routing)

- 1 * Quick Guide

Image 2.1: A visual representation of all components included in the REDTIGER F77 dash cam package.

3. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance of your REDTIGER F77 dash cam. The system uses a windshield mount for the front camera and adhesive for the rear camera.

3.1 Front Camera Installation

1. Clean the windshield area where the front dash cam will be mounted. Ensure it is free of dust and grease.
2. Apply an electrostatic sticker to the chosen area on the windshield. This helps in easy removal and repositioning.
3. Attach the adhesive mount to the electrostatic sticker. Press firmly for 30 seconds to ensure a secure bond.
4. Slide the front dash cam onto the mounted bracket.
5. Connect the power supply cable to the front dash cam and route it along the windshield edge, down the A-pillar, and to the car's cigarette lighter socket. Use the provided cable clips and crowbar to neatly tuck away the cable.

3.2 Rear Camera Installation

1. Identify a suitable location on your rear window, ensuring it does not obstruct your view and provides a clear recording angle.
2. Clean the rear window surface thoroughly.
3. Attach the rear camera using its adhesive mount.
4. Connect the rear camera cable to the rear camera and route it to the front dash cam. This cable can be routed along the headliner and side panels for a discreet installation.
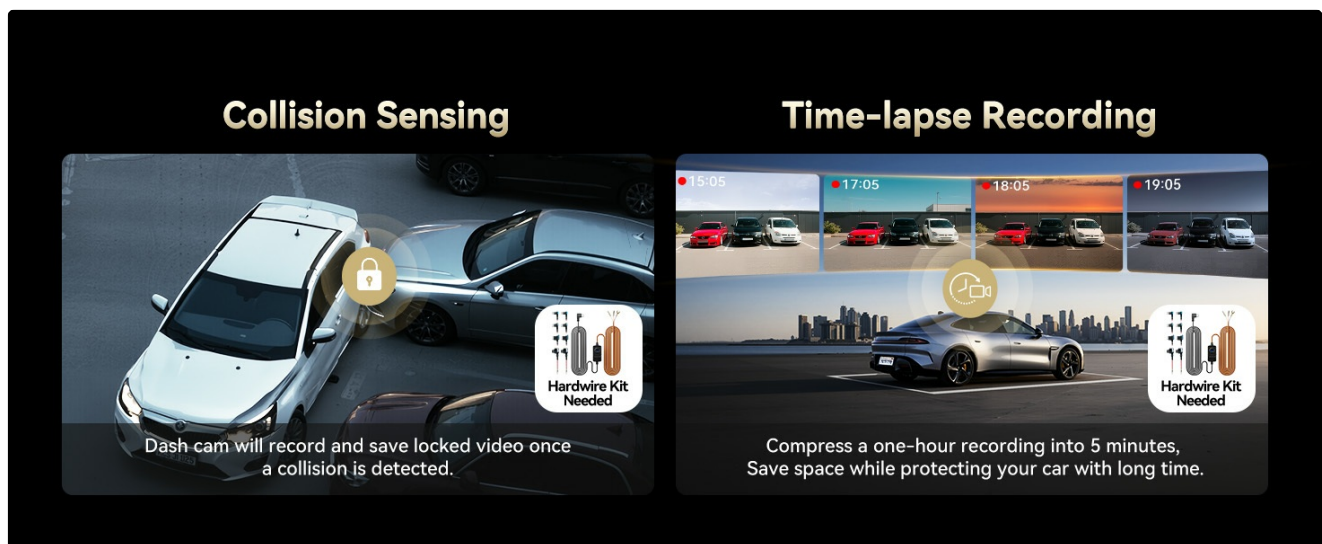
Image 3.1: An illustration demonstrating the simple installation process for the REDTIGER F77 dash cam, including cable routing for both front and rear cameras.

Note: For 24-hour parking monitoring functionality, a separate hardware kit (e.g., Asin: B09WCTZ3Y8) is required and must be installed according to its specific instructions. This kit provides continuous power to the dash cam even when the vehicle is off.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

The dash cam will automatically power on and begin recording when connected to your vehicle's power supply and the ignition is turned on. It will power off automatically when the ignition is turned off.

4.2 HDR Night Vision with STARVIS 2 IMX678

The F77 is equipped with dual STARVIS 2 IMX678 sensors and 4K HDR/WDR technology, providing enhanced night vision and automatically balancing light and dark areas for clear images in various lighting conditions. The 7-layer glass f/1.8 wide aperture lens further improves light capture.

Image 4.1: Visual explanation of the F77's advanced night vision capabilities, highlighting the dual IMX678 sensors and optical components.

4.3 Built-in 128GB eMMC Storage

The dash cam features a built-in 128GB eMMC storage, eliminating the need for a separate memory card. This storage offers stable performance, high-speed transmission, and extended lifespan compared to traditional SD cards, reducing the risk of video damage or non-recording issues.

Free 128GB Built-in Storage

With eMMC storage, No fear of file damage.

Stable Performance

Long Lifespan

High-speed Transmission

128GB

eMMC

No Card Needed
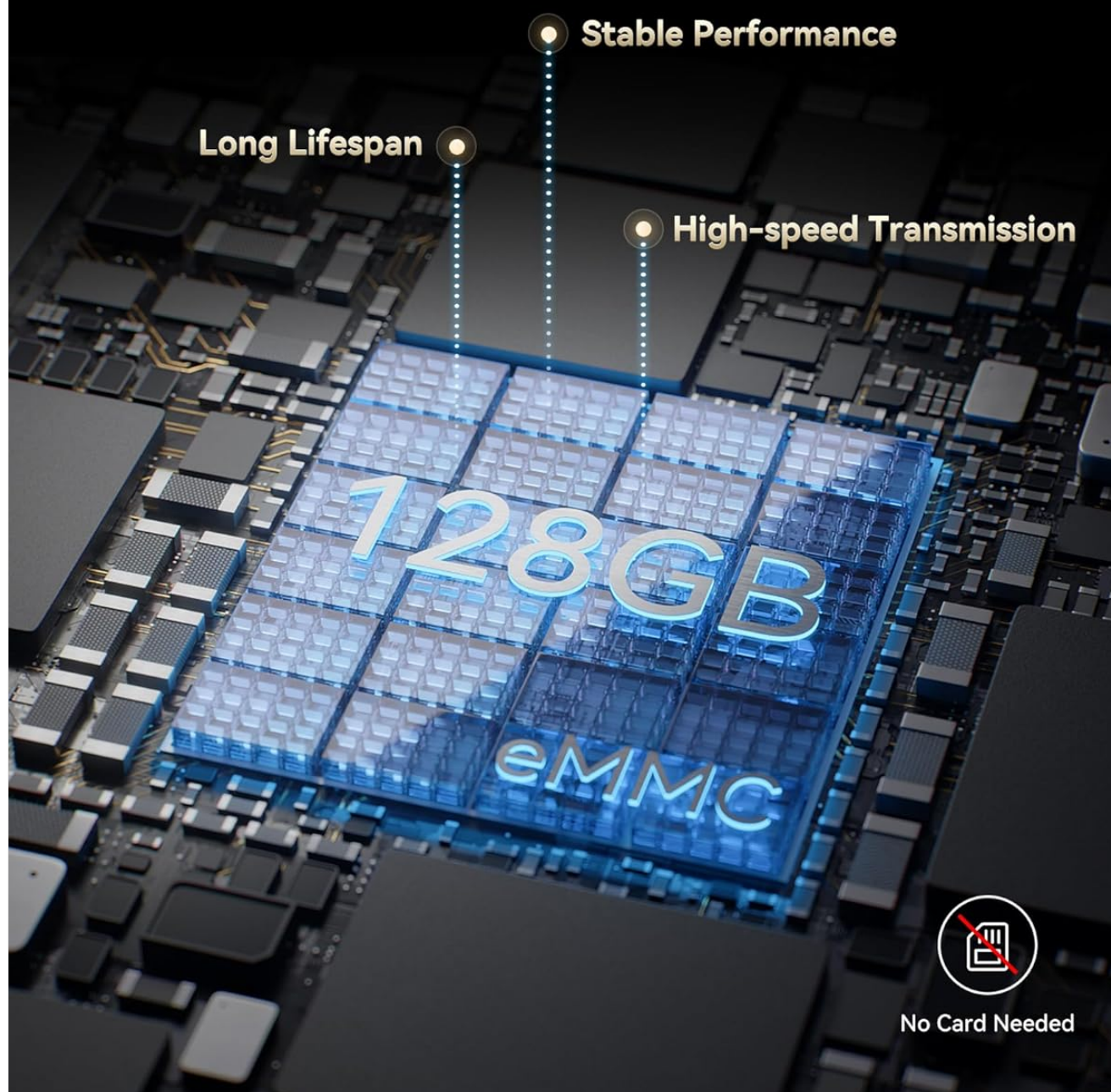
Image 4.2: An illustration detailing the benefits of the integrated 128GB eMMC storage, emphasizing its reliability and speed.

4.4 Smart Voice & Touch Control

The F77 supports 12 voice commands for hands-free operation, allowing you to control functions like locking video, taking pictures, or turning on/off audio without distraction. The 4-inch IPS touch screen provides intuitive navigation for accessing settings and viewing footage.

Image 4.3: A depiction of the voice control feature in action, showing various commands that can be used while driving.

Image 4.4: A detailed view of the 4-inch IPS touch screen, illustrating its user-friendly interface for settings and playback.

4.5 5.8GHz Wi-Fi & Built-in GPS

The built-in 5.8GHz Wi-Fi enables faster data transfer and stable connection to the REDTIGER APP for quick viewing, downloading, and sharing of recordings. The integrated GPS records real-time speed and location data, providing crucial evidence if needed.

Image 4.5: This image highlights the high-speed 5.8GHz Wi-Fi and GPS capabilities, showing seamless integration with mobile devices for data management.

4.6 Loop & Collision Recording

The F77 supports 5-hour loop recording, automatically overwriting the oldest footage when the storage is full, ensuring continuous recording. The G-Sensor Parking Mode automatically locks and saves video when it detects collisions or sudden motion, preventing important footage from being overwritten.
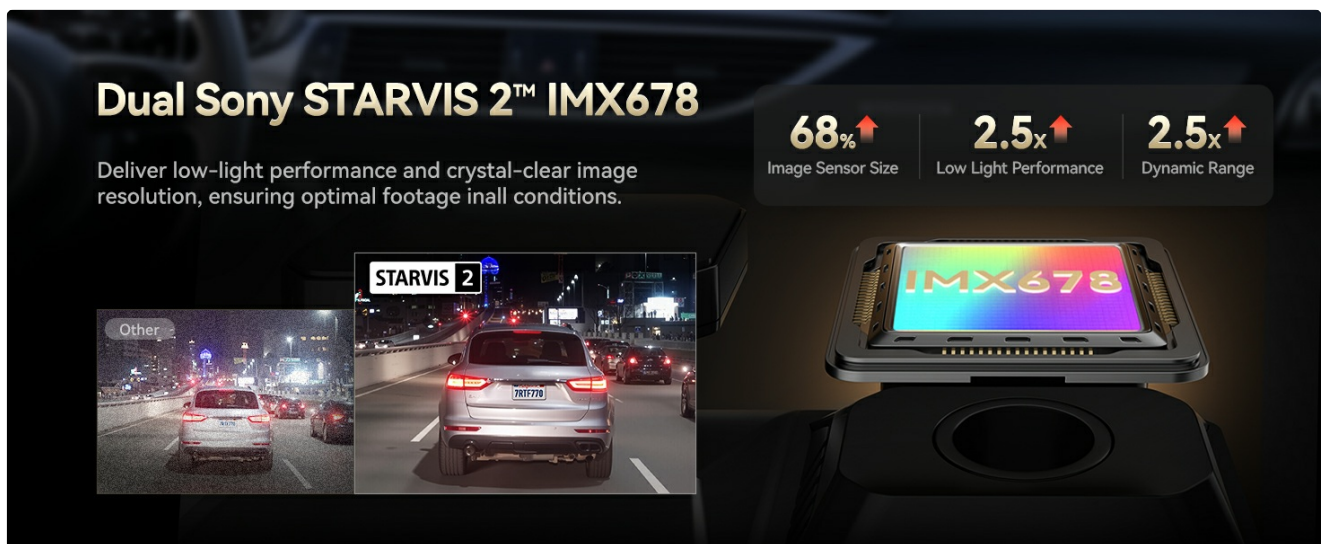
Image 4.6: This graphic illustrates how loop recording ensures continuous coverage and how the G-Sensor protects critical footage during impacts.

4.7 24-Hour Parking Monitoring

The dash cam offers G-Sensor Parking Mode for automatic recording upon collision detection and Time Lapse Parking Mode for continuous surveillance with condensed video. A separate hardwire kit (Asin: B09WCTZ3Y8) is required for this function.

Image 4.7: A visual representation of the 24-hour parking monitoring feature, showing its ability to detect collisions and record time-lapse video.

4.8 Accessing Footage

Footage can be accessed in several ways:

- **REDTIGER App:** Use the 5.8GHz Wi-Fi to connect your smartphone to the dash cam for live preview, downloading, and sharing videos.
- **Direct USB Connection:** Connect the dash cam to a PC using the provided USB cable to transfer files.
- **Copy to SD Card:** Although the F77 has built-in eMMC, it also has an SD card slot for copying files from the

internal memory to an external SD card for easier transfer to other devices.

Image 4.8: This graphic illustrates the various methods available for users to access and manage their recorded dash cam footage.

5. MAINTENANCE

- **Lens Cleaning:** Regularly clean the camera lenses with a soft, lint-free cloth to ensure clear recordings. Avoid abrasive materials that could scratch the lens.
- **Firmware Updates:** Check the REDTIGER official website or app periodically for firmware updates. Keeping your dash cam's firmware up-to-date ensures optimal performance and access to new features.
- **Cable Management:** Periodically check all cables to ensure they are securely tucked away and not interfering with vehicle operation or safety features.
- **Storage Management:** While the eMMC storage is robust, regularly review and back up important footage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; loose connection.	Check car charger connection; ensure vehicle ignition is on. Test charger in another socket.
Recording stops unexpectedly.	eMMC storage full (unlikely with loop recording); power interruption.	Ensure continuous power supply. If issues persist, contact support.
Video footage is blurry or unclear.	Protective film on lens; dirty lens; improper mounting angle.	Remove any protective film. Clean lenses with a soft cloth. Adjust camera angle for optimal view.
Wi-Fi connection issues.	Incorrect password; interference; app issues.	Ensure correct Wi-Fi password. Restart dash cam and smartphone. Reinstall REDTIGER app.
Front camera tilts upwards.	Mounting screw loose.	Remove the screw, apply thread locker, and retighten.

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact REDTIGER customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	1.89 x 4.57 x 2.68 inches
Item Weight	1.92 pounds
Model Name	F77
Video Capture Resolution	2160p (4K Front & Rear)
Image Sensor	Dual STARVIS 2 IMX678
Storage	Built-in 128GB eMMC
Connectivity	5.8GHz Wi-Fi, GPS
Display	4-inch IPS Touch Screen
Special Features	HDR, WDR, Voice Control, G-Sensor, Loop Recording, 24H Parking Monitor (requires hardwire kit), Super Capacitor
Mounting Type	Windshield Mount
Vehicle Service Type	Minivan, Bus, Car, Truck

8. WARRANTY AND CUSTOMER SUPPORT

REDTIGER offers an 18-month guarantee for the F77 dash cam. This warranty covers manufacturing defects and ensures peace of mind for your purchase. For any product-related inquiries, technical support, or warranty claims, please contact our customer support team.
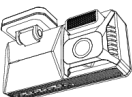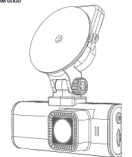
Email: help@redtigercam.com
Phone (US): +1 888 966 8028

Our team aims to reply within 24 hours to assist you with any concerns.

WARRANTY&SERVICE

18 Months Warranty   **7 Days** Return Policy   **Return** on Defects

CUSTOMER SUPPORT
help@redtigercam.com
+1 888 966 8028 (US)

Image 8.1: Contact details for REDTIGER customer support, including email and phone number.

Related Documents - F77

	RedTiger F77 Dash Cam User Manual - Installation, Features, and Troubleshooting Comprehensive user manual for the RedTiger F77 4K dual-channel dash cam. Learn about installation, features like voice control and Wi-Fi connectivity, product specifications, and troubleshooting common issues. Includes details on eMMC storage and using the RedTiger Player.
	REDTIGER F7N Touch Dash Cam User Manual and Guide Comprehensive user manual for the REDTIGER F7N Touch dash cam, covering installation, features, app connectivity, troubleshooting, and specifications.
	REDTIGER F7N Dash Cam Installation and Troubleshooting Guide A comprehensive guide for installing and troubleshooting the REDTIGER F7N 4K Dual Dash Cam, covering common issues like SD card errors, connectivity problems, and parking monitor setup.
	REDTIGER F77 4K Dash Cam User Manual & Installation Guide Comprehensive user manual for the REDTIGER F77 4K Dash Cam. Includes setup, installation, features, troubleshooting, and product specifications for optimal vehicle recording.
	REDTIGER F7NP Dash Cam User Manual Comprehensive user manual for the REDTIGER F7NP Dash Cam, covering installation, features, functions, app connectivity, playback, and troubleshooting.
	Redtiger F7NP Dash Cam User Manual: Installation, Setup, and Support Explore the Redtiger F7NP 4K dash cam user manual. Find detailed guides on installation, features, app connectivity, troubleshooting, and customer support from Redtiger.