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Range Tour D30

Range Tour D30 Dash Cam User Manual

Dual Car Camera 4K 2160P with WiFi, GPS, WDR, Night Vision, and Parking Monitor

1. PRODUCT OVERVIEW

The Range Tour D30 Dash Cam is a high-definition dual car camera system designed to record both the front view and the interior of your vehicle. It features 4K (2160P) front recording, 2K+2K dual channel recording, and a 170° wide-angle lens to capture a broad field of view. Integrated WiFi and GPS functionalities enhance its capabilities, allowing for easy footage management and precise location tracking. Advanced features like Wide Dynamic Range (WDR), Night Vision, Loop Recording, G-Sensor, and 24-hour Parking Monitoring ensure comprehensive surveillance and reliable performance.



Image 1.1: The Range Tour D30 Dash Cam and its primary accessories, including the camera unit, car charger, and mounting bracket.



Image 1.2: Overview of the dash cam's key features, highlighting 4K front recording, dual 2K+2K lenses, and built-in WiFi and GPS.

2. WHAT'S IN THE BOX

Please verify that all components are present upon unboxing:

- Range Tour D30 Dash Cam Unit
- Car Charger
- Suction Mount
- Memory Card (Note: Some packages may not include an SD card. Please check your specific product listing.)



Image 2.1: Various angles of the D30 Dash Cam, showing its compact design and port locations.

3. SETUP GUIDE

3.1 Installing the Memory Card

Before first use, insert a compatible TF (microSD) card (up to 256GB, Class 10 or higher recommended) into the dash cam's memory card slot. Ensure the card is inserted correctly until it clicks into place.

3.2 Mounting the Dash Cam

1. Clean the windshield area where you intend to mount the dash cam.
2. Attach the suction mount to the dash cam unit.
3. Press the suction cup firmly against the cleaned windshield and engage the locking mechanism to secure it.
4. Adjust the camera angle to ensure a clear view of the road ahead and the vehicle's interior. The front and rear

cameras can be flipped 180 degrees, and the left and right can be flipped 30 degrees for optimal positioning.



Image 3.1: The dash cam unit with the suction mount attached, ready for installation on the windshield.

3.3 Power Connection

Connect the included car charger to the dash cam's 5V IN port and plug the other end into your vehicle's cigarette lighter socket. The dash cam will typically power on automatically when the vehicle's ignition is turned on.

3.4 Initial Setup and Formatting

Upon first power-on, the dash cam may prompt you to format the memory card. It is highly recommended to format the card within the dash cam to ensure compatibility and optimal performance. Follow the on-screen instructions.

4. OPERATING INSTRUCTIONS

4.1 Recording Modes

The D30 Dash Cam supports various recording modes:

- **Normal Recording:** Automatically starts recording when the vehicle is powered on. Footage is saved in 1 or 3-minute clips.
- **Loop Recording:** When the memory card is full, the dash cam will automatically overwrite the oldest unlocked video files to make space for new recordings.
- **Emergency Recording (G-Sensor):** In the event of a sudden impact or collision, the built-in G-Sensor will automatically detect the event and lock the current video file, preventing it from being overwritten by loop recording.



Image 4.1: Visual representation of Motion Detection and G-Sensor functionalities, crucial for security and incident recording.

4.2 Parking Monitoring

The dash cam offers two methods for 24-hour parking monitoring (requires a hardwire kit, not included in the standard package):

1. **Collision Detection:** If a collision or crash occurs while parked, the dash cam will automatically turn on and record a 1-minute video, then power off.
2. **Time-Lapse Recording:** This function allows continuous recording with extremely low power consumption while the engine is off, capturing events over extended periods.



Image 4.2: Icon representing the 24-Hour Parking Monitoring feature, providing continuous surveillance when the vehicle is parked.

4.3 WiFi and App Connectivity

The built-in WiFi allows you to connect your smartphone to the dash cam via the "TimaCam" app. This enables:

- Real-time viewing of footage.
- Downloading videos to your phone.
- Adjusting dash cam settings (Video & Photo Resolution, G-Sensor sensitivity, Loop Recording duration, WDR, etc.).



Image 4.3: Illustration of the dash cam's WiFi and GPS capabilities, showing connectivity to a laptop for map data and a smartphone for live view and settings.

4.4 GPS Functionality

The integrated GPS module accurately logs your vehicle's location, speed, latitude, longitude, and route data, providing crucial information for incident analysis.

D30H Pro Internal GPS



Image 4.4: An internal view of the dash cam, highlighting the integrated GPS module and capacitor for reliable operation.

4.5 Video Quality and Wide Angle

The D30 offers flexible recording resolutions:

- **Front Camera Only:** UHD P30 (3840 x 2160, 4K)
- **Dual Lens (Front + Inside):** QHD P30 + QHD P30 (2560 x 1440 + 2560 x 1440, 2K+2K)

The 170° wide-angle lens minimizes blind spots, capturing more of the road and cabin environment.

2K+2K

1440P+1440P
Dual channel



4K UHD

3840X2160P(30fps)
Front Camera

Image 4.5: Diagram illustrating the dash cam's 2K+2K dual channel recording and 4K UHD front camera resolution.



Image 4.6: Visual representation of the 170-degree wide-angle view provided by both the front and interior cameras, ensuring comprehensive coverage.

4.6 WDR and Night Vision

Wide Dynamic Range (WDR) technology adjusts exposure balance to capture greater detail in both bright and dark areas, resulting in a more vibrant image. Coupled with Night Vision and 4 IR lights for the interior camera, the dash cam performs well in low-light conditions.



Image 4.7: The dash cam's 4 IR lights enable clear interior recording during both daytime and nighttime conditions.



Image 4.8: The Super Night Vision feature enhances clarity and detail in low-light driving conditions.

4.7 Screen Saver Feature

The unique screen saver feature allows the display to automatically turn off after 1 minute, while the dash cam continues to record video in the background. When the screen saver is active, the display can show recording status (red blinking dot), current driving speed, compass direction, time, and date.

5. MAINTENANCE AND CARE

- **Cleaning:** Use a soft, dry cloth to clean the camera lenses and the unit's exterior. Avoid using harsh chemicals or abrasive materials.
- **Memory Card:** Regularly format the memory card (at least once a month) to maintain optimal performance and prevent data corruption. Back up important footage before formatting.
- **Temperature:** Avoid exposing the dash cam to extreme temperatures for prolonged periods, as this can affect battery life and component integrity.
- **Firmware Updates:** Check the manufacturer's website periodically for firmware updates to ensure your dash cam has the latest features and bug fixes.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; faulty power cable; loose connection.	Check car charger connection and vehicle's cigarette lighter socket. Ensure the power cable is not damaged. Try a different power source if available.
Recording stops or freezes.	Memory card issue (full, slow, corrupted); firmware issue.	Format the memory card. Use a high-speed (Class 10 or U3) memory card. Try a different memory card. Update firmware if available.
Video quality is poor or blurry.	Protective film on lens; dirty lens; incorrect resolution settings.	Remove any protective film from the lens. Clean the lens with a soft cloth. Check video resolution settings in the menu or app.
WiFi connection issues.	Incorrect app; WiFi not enabled on dash cam; interference.	Ensure you are using the "TimaCam" app. Verify WiFi is enabled on the dash cam. Try connecting in an area with less wireless interference.
GPS not logging data.	Poor GPS signal; GPS module issue.	Ensure the dash cam has a clear view of the sky. Test in an open area. If the issue persists, contact support.
Parking monitor not working.	Hardwire kit not installed; settings incorrect.	A hardwire kit is required for 24-hour parking monitoring. Check parking monitor settings in the dash cam menu.

7. SPECIFICATIONS

Feature	Detail
Model Number	D30
Video Capture Resolution	Front: 4K (3840x2160P); Dual: 2K+2K (2560x1440 + 2560x1440)
Lens Angle	170° Wide Angle
Connectivity Technology	Wi-Fi
Special Features	Built-In GPS, G-Sensor, Loop Recording, Night Vision, WDR, Parking Monitor, Screen Saver
Control Method	App
Mounting Type	Suction Mount

Feature	Detail
Product Dimensions	3.15 x 1.57 x 1.97 inches
Item Weight	13 ounces
Color	Black

D30H Pro



Image 7.1: Detailed dimensions of the D30H Pro Dash Cam for reference.

8. OFFICIAL PRODUCT VIDEO

Your browser does not support the video tag.

Video 8.1: An official product video demonstrating the Range Tour Dash Cam for Cars in use, showcasing its recording capabilities and features.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact information provided on the product packaging or the official Range Tour website. Keep your purchase receipt as proof of purchase for warranty claims.