

Manuals.plus /

› Yupiteru /

› Yupiteru DRY-TW8650c Dual Camera Dash Cam User Manual

Yupiteru DRY-TW8650c

Yupiteru DRY-TW8650c Dual Camera Dash Cam User Manual

Model: DRY-TW8650c | Brand: Yupiteru

1. INTRODUCTION

This manual provides instructions for the proper installation, operation, and maintenance of your Yupiteru DRY-TW8650c dual camera dash cam. This device is designed to record video from both the front and rear of your vehicle, enhancing driving safety and providing crucial evidence in case of incidents.

Important Note: This is a web-limited simple package model. A printed instruction manual is not included. Please refer to the official Yupiteru website for the complete PDF instruction manual.

2. PACKAGE CONTENTS

Verify that all the following items are included in your package:

- Front Camera Unit (with 16GB microSD card inserted)
- Rear Camera Unit
- Front Camera Bracket
- Rear Camera Double-sided Tape (20mm x 20mm)
- 5V Converter with Cigar Plug Power Cable (approx. 4m)
- Rear Camera Cable (approx. 9m)
- Drive Recorder On-board Sticker
- Warranty Card
- microSD Card (16GB)

取付に必要なものはすべて
同梱されています



1 フロントカメラ
(microSDカード [16GB] 挿入済)

2 リアカメラ
(ブラケットが装着済)

**3 フロントカメラ用
ブラケット**
(ブラケットには両面テープ付)

**4 リアカメラ用両面
テープ**
(20mm × 20mm)

**5 5V コンバーター付
シガープラグコード**
(約4m)

6 リアカメラケーブル
(約9m)

**7 ドライブレコーダー
搭載ステッカー**

【その他同梱品】

・保証書 ・microSDカード(16GB)

※ 取扱説明書は付属してありません。

取扱説明書はユピテル公式サイトより PDFにてご確認くださいませ

Image: All included components for the Yupiteru DRY-TW8650c dash cam, including front and rear cameras, cables, and mounting accessories.

3. INSTALLATION

Follow these general steps for installing your dash cam. For detailed instructions, refer to the PDF manual on the official Yupiteru website.

3.1 Mounting the Front Camera

1. Clean the windshield area where the front camera will be mounted.
2. Attach the front camera bracket to the windshield using the adhesive. Ensure the camera has a clear view of the road ahead and does not obstruct your driving view.
3. Secure the front camera unit to the bracket.

3.2 Mounting the Rear Camera

1. Clean the rear window area where the rear camera will be mounted.
2. Attach the rear camera using the provided double-sided tape. The rear camera features an integrated bracket for flexible positioning close to the rear glass, minimizing obstruction of your rear view.
3. Ensure the rear camera has a clear view of the road behind.



Image: The rear camera's integrated bracket allows for smart installation close to the rear glass, preventing obstruction of the driver's view.

3.3 Wiring and Power Connection

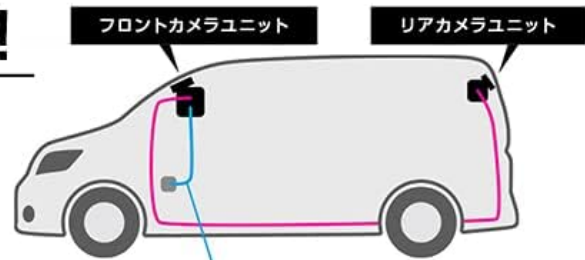
1. Connect the rear camera cable (approx. 9m) to the front camera unit. Route the cable neatly along the vehicle's interior trim to avoid interference. The long cable is suitable for larger vehicles like SUVs and minivans.
2. Connect the 5V converter with cigar plug power cable (approx. 4m) to the front camera unit.
3. Insert the cigar plug into your vehicle's cigar lighter socket. This provides power to the dash cam.

さらに! ドライブレコーダー初心者にもオススメ

届いたら即取付可能!

シガープラグコード付属
でカンタン取付!

シガープラグコードが付属しているので、
商品到着後、簡単に車にお取り付けが
可能です。



5Vコンバーター付シガープラグコード
車両のシガーソケットに接続します

※フロントカメラとリアカメラをつなぐリアカメラケーブル(約9m)も付属しております。

Image: Diagram illustrating the simple installation process using the included cigar plug power cord, connecting both front and rear camera units.

取付イメージ



※ 取扱説明書に従って正しく取付けしてください。

Image: Examples of proper installation for the front camera unit on the windshield and the rear camera unit on the rear window.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

The dash cam will automatically power on and begin recording when the vehicle's ignition is turned on (and power is supplied to the cigar socket). It will power off automatically when the ignition is turned off.

4.2 Recording Modes

The device typically operates in continuous recording mode. Specific settings for event recording (G-sensor triggered) and optional parking surveillance can be configured through the device's menu.

4.3 Viewing Recorded Footage

You can check recorded footage directly on the unit's 2.0-inch monitor. This is convenient for confirming recordings on the spot or verifying camera angles during installation.



Image: The dash cam's 2.0-inch monitor allows for easy playback and confirmation of recorded video, showing file name and playback duration.

4.4 Menu Navigation

Use the buttons on the device to navigate through the menu options. Here you can adjust settings such as recording resolution, G-sensor sensitivity, date/time, and other features.

5. FEATURES

5.1 Dual Camera Recording (Front & Rear)

The DRY-TW8650c features two cameras, one for the front and one for the rear, both recording in Full HD (2 million pixels). This provides comprehensive coverage of events happening around your vehicle.



Image: The dual cameras offer a wide viewing angle of 160 degrees for both front and rear, ensuring comprehensive coverage.

5.2 Ultra-Wide Angle Lens

Both front and rear cameras are equipped with ultra-wide-angle lenses, offering a diagonal viewing angle of 160° for both. This wide field of view helps capture a broader range of events, including pedestrians, cyclists, and vehicles cutting in, providing greater peace of mind.

フロント  & リア  ともに

超広角 & 高画質

視野角最大 **160°** 記録

200万画素 記録



← より広く周囲の状況が見える! →



歩道者用信号機も記録できるので、
もしもの時も安心

死角になりやすい歩道の状況や飛び
出してくる自転車の動きも記録

Image: A visual comparison demonstrating how the ultra-wide-angle lens captures a significantly larger area around the vehicle compared to conventional cameras.

5.3 HDR (High Dynamic Range)

The front camera features HDR technology, which reduces overexposure (whiteout) and underexposure (blackout) in challenging lighting conditions. This ensures clear recordings even when driving against strong backlight, entering/exiting tunnels, or during nighttime.



Image: Comparison showing the improved clarity and detail in recordings with HDR enabled, especially in scenes with high contrast like tunnel entrances.

5.4 GPS Function

Equipped with GPS, the dash cam records your vehicle's position, date, time, and speed along with the video footage. This data can be viewed using dedicated PC software (free), allowing you to track your driving route.



Image: Screenshot of the PC viewer software, displaying synchronized video footage from both cameras with GPS data, including location on a map, speed, and time.

5.5 G-Sensor (Impact Recording)

The built-in G-sensor detects sudden impacts. When an impact is detected, the device automatically saves the video footage from before and after the event into a dedicated folder, preventing it from being overwritten.



Image: Diagram illustrating the G-sensor's function, showing how it detects an impact and saves the surrounding video footage.

5.6 Active Safety Functions

The dash cam includes active safety features to support safer driving:

- **Forward Collision Warning:** Alerts you if you are approaching the vehicle ahead too quickly.
- **Lane Departure Warning:** Notifies you if your vehicle drifts out of its lane.
- **Departure Delay Warning:** Informs you when the vehicle in front has started moving, and you have not.

Note: These functions rely on the front camera and may not operate correctly depending on the distance to the preceding vehicle, surrounding conditions, weather, lane width, or changes in the image.

さらに!
さらに!

アクティブセーフティ機能で安全面もサポート!

事故を未然に防ぐ!

アクティブセーフティ機能搭載!

先行車の発車、先行車との接近のしすぎ、さらに走行車線のはみ出しをお知らせし、安全なドライブをサポート。

※フロントカメラに搭載

※先行車との距離や周囲の状況、気象条件、車線幅、映像の変化等 によってうまく働かない場合があります。



Image: Visual alerts for Forward Collision Warning, Lane Departure Warning, and Departure Delay Warning, designed to enhance driving safety.

5.7 SD Card Management

The device uses a WLC-type microSD card, which is highly resistant to repeated overwriting, ideal for continuous recording dash cams. It also features an SD card check function that alerts you if the card is missing, corrupted, or malfunctioning, preventing recording failures.



Image: Illustration highlighting the robust nature of the included SD card, designed for continuous overwrite recording in dash cams.



Image: The dash cam features an SD card check function to prevent recording errors due to card issues.

5.8 File Protection (Super Capacitor)

In the event of a sudden power loss during recording, such as in a major accident, the super capacitor ensures

that recorded data is protected and saved, minimizing corruption.



Image: A super capacitor, which provides file protection by preventing data corruption during sudden power interruptions.

5.9 Parking Surveillance (Optional)

By connecting an optional parking recording accessory (sold separately), the dash cam can record for a set period while parked, providing protection against vandalism or hit-and-runs.



Image: Illustration showing the dash cam recording an impact event while the vehicle is parked, a feature available with an optional accessory.

5.10 Compact Design

The DRY-TW8650c is designed to be compact, ensuring it does not obstruct your field of vision while driving. The front camera measures approximately 64mm (W) x 49mm (H) x 32mm (D), and the rear camera is approximately 58mm (W) x 25mm (diameter).

コンパクト設計で 視界を遮りません



[フロント] 64(幅)×49(高さ)×32(奥行)mm



[リア] 58(幅)×25(直径)mm



女性が持ってもこのサイズ

Image: The compact size of both front and rear camera units, shown held in a hand for scale, demonstrates they are designed not to obstruct the driver's view.



Image: Detailed views of the front and side of the Yupiteru DRY-TW8650c dash cam, including its compact dimensions.

6. MAINTENANCE

6.1 Cleaning the Device

Wipe the camera lenses and the monitor screen with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as they may damage the surfaces.

6.2 SD Card Management

Regularly format the microSD card to ensure optimal performance and prevent data corruption. The lifespan of an SD card is finite due to repeated overwriting; consider replacing it periodically, especially if you notice recording issues.

7. TROUBLESHOOTING

If you encounter issues with your DRY-TW8650c, refer to the following common problems and solutions:

- **Device not powering on:** Check the cigar plug connection. Ensure the vehicle's cigar socket is receiving power.
- **Recording not starting or stopping unexpectedly:** The microSD card may be full, corrupted, or malfunctioning. Try formatting the card or replacing it. Ensure the card is properly inserted.
- **Rear camera not displaying or recording:** Check the connection of the rear camera cable to the front camera unit. Ensure the cable is not damaged.
- **Poor video quality (blurry, dark, or overexposed):** Clean the camera lenses. Ensure HDR is enabled in settings if needed for challenging light. Check if the protective film has been removed from the lens.
- **GPS not acquiring signal:** Ensure the dash cam has a clear view of the sky. Avoid mounting near metallic objects that might interfere with the signal.

- **Active Safety functions not working:** These functions can be affected by environmental conditions (weather, lighting), road markings, and the distance to other vehicles. Ensure the front camera lens is clean and unobstructed.

For more complex issues, consult the full instruction manual available on the Yupiteru official website or contact customer support.

8. SPECIFICATIONS

Specification	Value
Brand	Yupiteru
Model Number	DRY-TW8650c
Screen Size	2 inches
Display Type	LCD
Video Capture Resolution	1080p (Full HD)
Front Camera Viewing Angle	Diagonal 160°
Rear Camera Viewing Angle	Diagonal 160°
Mounting Type	Adhesive Mount
Installation Position	Front
Connection Type	Cigar Plug Cord
Control Method	Touch
Features	GPS, G-Sensor, HDR, Active Safety Functions
Compatible Vehicle Type	Car
Item Weight	0.47 kg
Package Dimensions	21.2 x 16.2 x 6.9 cm
Battery Usage	No

9. WARRANTY AND SUPPORT

9.1 Warranty

A warranty card is included with your product. Please retain it for future reference. For details regarding warranty terms and conditions, refer to the information provided on the warranty card or the official Yupiteru website.

9.2 Customer Support

For the most up-to-date information, detailed instructions, and support, please visit the official Yupiteru website. The complete instruction manual is available there in PDF format.

9.3 Disclaimers

- The company is not responsible for any damage or loss of recorded images/data due to device malfunction or use.
 - Product specifications and appearance may change without notice for improvement.
 - All company and product names mentioned are trademarks or registered trademarks of their respective owners.
 - STARVIS is a trademark of Sony Corporation.
 - Please refer to the manufacturer's official website for comprehensive disclaimers and precautions before purchase.
-