

Yupiteru WDT024Rd

Yupiteru WDT024Rd Dual Camera Drive Recorder User Manual

MODEL: WDT024RD

Brand: Yupiteru

1. Product Overview

The Yupiteru WDT024Rd is a sophisticated dual-camera drive recorder designed to enhance driving safety and provide reliable incident recording. This model integrates an Orbis (speed camera) alert function with front and rear Full HD recording capabilities. It features High Dynamic Range (HDR) and SUPER NIGHT vision for clear video capture in various lighting conditions, including low-light environments. The wide-angle lenses ensure a broad field of view, capturing critical details both ahead and behind your vehicle. Equipped with GPS and a G-sensor, it supports continuous recording, event-triggered recording, and optional parking surveillance modes.

2. Setup and Installation

Proper installation is crucial for optimal performance. It is recommended to have the device professionally installed, especially for the power connection and rear camera routing. An optional on-site installation service may be available.

2.1 Package Contents

- Main Unit (Front Camera)
- Rear Camera
- 5V Converter Power Direct Connection Cord (approx. 4m)
- Front Camera Mounting Bracket
- Rear Camera Cable (approx. 9m)
- Drive Recorder Sticker

- microSD Card (32GB)
- Warranty Card

2.2 Mounting the Front Camera

1. Clean the windshield area where the camera will be mounted.
2. Attach the front camera to the mounting bracket.
3. Securely attach the bracket to the windshield using the adhesive pad, ensuring a clear view of the road. The bracket allows for angle adjustment (up, down, left, right).

This image illustrates the compact design of the front and rear cameras, showing how they can be discreetly installed without obstructing the driver's view.

オービス警報
初期値:ON オービス警報OFFも可能

全国のオービスデータ収録

SUPER CAT 45年間のノウハウで、 速度の出やすい道の安全運転をサポート

全国の各種オービス情報を収録。
1km手前/500m手前でドライバーに表示と音声でお知らせ。
速度超過をしないよう安全運転をサポートします。

レーザー式固定オービス

LHシステム

小型オービス

Hシステム

レーザー式固定オービス

ループコイル

🔊

1km先、高速道
ループコイルがあります！
制限速度は100キロです。

警報表示

オービス種類に応じて警報画面を表示。*3

制限速度

オービス設置路線の制限速度を表示。*1

ターゲット距離

オービスまでの距離を10m単位で表示。*2

*1 事故や天候、時間帯などで変化する制限速度には非対応。

*2 オービスまでの距離が100m未満は「接近」と表示。

*3 警報表示させる場合、画面自動オフ設定を「常時ON」「時計画面」に変更する必要があります。

2.3 Mounting the Rear Camera

1. Identify a suitable location on the rear window that provides an unobstructed view.
2. Attach the rear camera using its adhesive.
3. Route the rear camera cable to the main unit, ensuring it does not interfere with airbags or other vehicle components.

2.4 Power Connection

Connect the 5V converter power direct connection cord to the vehicle's 12V power supply. Ensure the connection is secure. The device operates on DC12V (5V input) and consumes 7.5W.

3. Operating Instructions

3.1 Basic Recording

The device automatically begins continuous recording when the vehicle's ignition is turned on. Video is recorded in 30-second or 3-minute 20-second segments, overwriting the oldest files when the microSD card is full.

3.2 Orbis Alert Function

The WDT024Rd includes a built-in Orbis (speed camera) alert function. It uses pre-recorded GPS data to notify the driver via visual display and voice announcements approximately 1km or 500m before an Orbis location. This function is based on internal data and does not rely on radio wave reception. Please note that updated Orbis data is not planned for sale.

This image demonstrates the Orbis alert display, showing a speed limit of 100 km/h and a target distance of 1000m to a loop coil. Various alert types are shown for different Orbis systems.



オービスコンテンツデータ搭載
HDR搭載200万画素 Full HD
WDT024Rd

3.3 Night Vision (SUPER NIGHT)

Both front and rear cameras are equipped with HDR and SUPER NIGHT vision, utilizing a SONY STARVIS sensor to record clear and bright images even in low-light conditions. This feature helps to suppress blackouts in dark areas and whiteouts from bright lights, ensuring important details are captured.

This image compares night recording quality between a STARVIS-equipped model (left) and a non-STARVIS model (right), highlighting the superior clarity of the STARVIS model in dark environments.

WDTシリーズ

ベストバリューモデル WDT024Rd

夜間機能STARVIS 搭載。
夜間も明るく記録。



STARVIS 搭載

本機



他機



夜間走行や夜間の駐車監視に適しています
※駐車監視はオプションが必要です

前後カメラ共に夜間機能搭載
HDR搭載 200万画素Full HD。

昼間も夜間も明るくクリアな
映像を記録します。

3.4 Event Recording

The built-in G-sensor detects sudden impacts or rapid acceleration/deceleration, automatically triggering event recording. You can also manually initiate event recording with a one-touch button. Event files are saved separately

to prevent overwriting.

3.5 Parking Surveillance (Optional)

With an optional accessory, the WDT024Rd supports parking surveillance. Available modes include time-lapse recording and motion detection. This feature allows the device to record incidents while the vehicle is parked, providing evidence for hit-and-runs or vandalism.

This image shows the parking surveillance feature, illustrating how the device can record events like a hit-and-run while parked. It also details optional accessories for parking recording, such as a voltage monitoring unit and a multi-battery.

ドライブレコーダー

HDR搭載200万画素Full HD+夜間機能 SUPER NIGHT

フロント/リア HDR搭載200万画素Full HD

広い画角で広範囲を記録

GPS/Gセンサー搭載。駐車記録に対応(別途、オプションが必要)

夜間も明るく記録 SUPER NIGHT

高耐久MLC方式SDカード

200万画素 Full HD
白とび黒つぶれを抑制 HDR

広範囲を記録。最大視野角
フロント対角162° リア 対角155°

高感度センサー SONY製 STARVIS™
夜間も
明るく記録 SUPER NIGHT

ドライブレコーダーに欲しい
・画質 ・画角 ・機能 ・付加価値
・夜間記録(プライバシーガラス車対応)
全て搭載。



3.6 Video Playback

Recorded videos can be played back directly on the unit's 2.0-inch full-color TFT LCD screen. For more detailed viewing and analysis, you can use the free dedicated PC viewer software for Windows or standard Windows Media Player.

4. Maintenance

4.1 SD Card Management

The WDT024Rd uses a high-durability MLC-type 32GB microSD card (included), supporting up to 128GB (Class 10 or higher). Yupiteru's unique file system minimizes errors due to fragmentation, reducing the need for frequent manual formatting. The device also includes an SD card check function to notify you of any issues.

This image highlights the high-durability MLC method for the SD card, emphasizing that it reduces the need for regular formatting and prevents errors.

WDTシリーズ

ベストバリューモデル WDT620d

SDカード 定期フォーマット不要。
耐久性に優れたMLC方式
32GB microSDカードを採用。

- ・定期フォーマット不要
独自のファイルシステムでエラーが起きにくい。
- ・SDカードチェック機能
入れ忘れや破損、不具合を
表示と音でお知らせ。



エラーが起きにくい

SDカードのオプションもご用意しております。

※本機は16~128GB(class10以上)に対応



OP-SD64M
64GBタイプ



OP-SD32M
32GBタイプ

※SDカードを入れ替えた場合は必ず本機でフォーマットをおこなってください。

5.1 Playback Issues on PC

Some users have reported issues with video playback on PC, such as distorted images or missing audio, especially with the dedicated PC viewer software. If you encounter such problems, try playing the video at the lowest speed setting or using a different media player. Ensure your PC's drivers are up to date.

5.2 Rear Camera Angle Adjustment

If the rear camera's angle is not optimal, especially in vehicles with sloped rear windows, consider using an aftermarket mounting base that allows for angle adjustment. The included rear camera mount is fixed and may not suit all vehicle types.

5.3 G-Sensor Sensitivity

If the G-sensor is too sensitive, triggering event recordings unnecessarily (e.g., over bumps), adjust its sensitivity settings through the device menu. Refer to the digital user manual for detailed steps.

6. Specifications

Feature	Detail
External Dimensions (Front)	65(W) × 53(H) × 28(D) mm
External Dimensions (Rear)	54(W) × 25(Dia) mm
Recording Media	microSD card (32GB included), supports 16-128GB (Class 10 or higher)
Screen Size	2.0 inch Full Color TFT LCD
Image Resolution	Front/Rear HDR 2 Million Pixels Full HD 1080P (1920×1080)
F-Value	Front F2.2, Rear F2.0
Minimum Subject Illuminance	0.5 LUX
Max Recording Angle (Front)	Diagonal 162° (Horizontal 138°, Vertical 78°)
Max Recording Angle (Rear)	Diagonal 155° (Horizontal 128°, Vertical 63°)
GPS	Yes
G-Sensor	Yes (Sensitivity adjustable)
Recording Method	Continuous, Event (G-sensor, One-touch)
Parking Recording	Time-lapse, Motion Detection (Optional accessory required)
Power Supply Voltage	DC12V (5V input)
Power Consumption	7.5W
Operating Temperature Range	-10°C to +60°C
Color	Black
Origin	Republic of Korea

7. Warranty and Support

The Yupiteru WDT024Rd comes with a 1-year manufacturer's warranty. Please note that consumables, such as the microSD card, are excluded from this warranty. For detailed warranty information and support, please refer to the included warranty card or visit the official Yupiteru website.

A digital version of the user manual (PDF) is available for free download from the manufacturer's website or can be accessed via a link on the product page. This allows for convenient access and saving to your smartphone.

8. Product Videos

8.1 Night Vision Performance

Your browser does not support the video tag.

This video demonstrates the superior night vision capabilities of the Yupiteru WDT024Rd, showcasing clear recording in low-light conditions, even with smoke-tinted rear windows.

8.2 3-Camera Recording Example

Your browser does not support the video tag.

This video illustrates the comprehensive recording provided by a 3-camera setup (front, rear, and interior), capturing situations from all angles that traditional 2-camera systems might miss. Note: The WDT024Rd is a 2-camera system, but this video demonstrates the concept of wider coverage.

8.3 SD Card Reliability Features

Your browser does not support the video tag.

This video explains the SD card's enhanced durability and error prevention features, including the high-endurance MLC method and the system's ability to minimize fragmentation, ensuring reliable recording without frequent manual formatting.

8.4 4K Front Camera Sample

Your browser does not support the video tag.

This video provides a sample of 4K front camera footage, demonstrating the clarity and detail captured by Yupiteru's high-resolution dash cams, particularly useful for identifying license plates at various distances, both day and night. Note: The WDT024Rd records in Full HD, but this video showcases the brand's commitment to high image quality.

