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› CELLSTAR CSD-600FHR Drive Recorder Instruction Manual

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CELLSTAR CSD-600FHR Drive Recorder Instruction Manual

Model: CSD-600FHR | Brand: CELLSTAR

1. INTRODUCTION

Thank you for purchasing the CELLSTAR CSD-600FHR Drive Recorder. This manual provides essential information for the safe and correct use of your device. Please read this manual thoroughly before installation and operation, and keep it for future reference.

The CSD-600FHR is designed to record driving footage in Full HD, offering features like G-sensor impact detection, parking surveillance mode, and compatibility with 12V/24V vehicles. It also supports mutual communication with compatible radar detectors.

2. PACKAGE CONTENTS

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

- CSD-600FHR Drive Recorder Unit
- Cigarette Plug Cord
- Mount Base (Adhesive type)
- User Manual (this document)
- 16GB microSD Card

国内工場、一貫生産で
すべてのドライバーに
「安心」と「安全」をお届けします。

快適なクルマ社会に欠かせないのが安心感と安全性。
ドライブレコーダーなどのカーエレクトロニクス製品を
生産するセルスター工業は、時代の変化を的確に見据え
ユーザーが安心して使える製品を提供していきます。



Figure 2.1: Included Package Contents

This image displays the complete set of items you should find in the product box, including the main drive recorder unit, its power cable, mounting accessories, and the storage card.

3. PRODUCT OVERVIEW

3.1 Device Layout and Controls



Figure 3.1: Front View and Controls

This image highlights the various buttons and indicators on the front of the drive recorder, including controls for mode selection, recording, sensitivity adjustments, and video quality settings.

- **Mode Button:** Cycles through display modes or settings.
- **Record Button:** Initiates or stops manual recording.
- **Sensitivity Button:** Adjusts G-sensor sensitivity.
- **Quality Button:** Changes video recording quality settings.
- **ENT Button:** Confirms selections.
- **Up/Down Arrow Buttons:** Navigates menu options.

3.2 Dimensions

The compact design of the CSD-600FHR ensures it does not obstruct your view while driving.



Figure 3.2: Device Dimensions

This image illustrates the compact size of the drive recorder, shown held in a hand, with a height measurement of approximately 4 cm (1.7 inches).

Dimensions (H x W x D): 69mm x 85mm x 18.5mm (excluding mount).

4. INSTALLATION

4.1 Choosing an Installation Location

Select a location on your windshield or dashboard that provides a clear view of the road ahead and does not obstruct the driver's vision or interfere with airbag deployment. Ensure the lens is not blocked by wipers or other objects.



Figure 4.1: Windshield Mounting Example

This image demonstrates a typical installation of the drive recorder on the windshield, usually near the rearview mirror for optimal field of view and minimal obstruction.



Figure 4.2: Dashboard Mounting Example

This image illustrates an alternative mounting position for the drive recorder on the vehicle's dashboard.

4.2 Mounting the Device

1. Clean the chosen installation surface thoroughly to ensure proper adhesion of the mount base.

2. Attach the mount base to the drive recorder unit.
3. Remove the protective film from the adhesive pad on the mount base.
4. Firmly press the drive recorder with the attached mount onto the cleaned surface for at least 30 seconds.
5. Allow the adhesive to cure for several hours before driving to ensure a secure attachment.

4.3 Power Connection

Connect the cigarette plug cord to the drive recorder and then insert the other end into your vehicle's cigarette lighter socket. The device is compatible with both 12V and 24V vehicle electrical systems.

For parking surveillance mode, an optional constant power cord (GDO-10) is required and must be professionally installed to your vehicle's power supply.

5. BASIC OPERATION

5.1 Automatic Recording

The CSD-600FHR automatically begins recording when the vehicle's engine is turned ON and stops when the engine is turned OFF. This ensures continuous recording during your drives.

5.2 Audio Recording

The device can record audio along with video. This feature can be toggled ON or OFF via the device settings. Refer to the on-screen menu for specific instructions.

5.3 Manual Photo Capture

You can manually capture still images during recording. Consult the device's menu or voice assist function for the specific button combination or command to take a photo.

6. ADVANCED FEATURES

6.1 G-Sensor (Impact Detection)

The built-in 3G sensor detects sudden impacts or rapid acceleration/deceleration. When an event is detected, the device automatically saves the corresponding footage to a protected file, preventing it from being overwritten. The sensitivity of the G-sensor can be customized for front/rear, left/right, and up/down axes through the device settings.

6.2 Parking Surveillance Mode

When the engine is OFF, the parking surveillance mode can record for up to 12 hours. This feature requires the optional GDO-10 constant power cord (sold separately) for continuous power supply.

6.3 Night Vision and HDR

Equipped with a 2 million pixel Sony Exmor CMOS sensor and Night Vision technology, the CSD-600FHR records clear images even in low-light conditions, such as at night or in tunnels. HDR (High Dynamic Range) technology minimizes overexposure in bright areas and underexposure in dark areas, ensuring balanced video quality.

6.4 Radar Detector Mutual Communication

The CSD-600FHR supports mutual communication with compatible CELLSTAR radar detectors. This allows for integrated display and control functionalities between the two devices.

6.5 Dedicated Viewer Software

Recorded footage can be viewed on a computer using the dedicated viewer software. This software is compatible with Windows operating systems and allows for detailed analysis of video, speed, acceleration, and GPS data (if connected to a compatible radar detector with GPS).

6.6 Voice Assist Function

The device features a voice assist function that provides audible guidance on recording status and settings adjustments, enhancing user convenience.

6.7 LED Traffic Signal Compatible

The CSD-600FHR is designed to record LED traffic signals accurately, preventing flickering or incorrect color representation in recorded footage.

7. MAINTENANCE

7.1 microSD Card Management

The CSD-600FHR features a "microSD maintenance-free" function. This technology reduces fragmentation of the microSD card and minimizes data recording errors, eliminating the need for periodic manual formatting. However, it is recommended to periodically back up important footage to another storage device. To ensure optimal performance, use only high-endurance microSD cards specifically designed for dash cam use.

7.2 Cleaning the Device

Wipe the device body and lens with a soft, dry cloth. Do not use abrasive cleaners or solvents, as they may damage the device.

8. TROUBLESHOOTING

If you encounter issues with your CSD-600FHR, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on.	No power supply or loose connection.	Check if the cigarette plug cord is securely connected to both the device and the vehicle's power socket. Ensure the vehicle's ignition is ON.
Recording does not start.	microSD card issue or device malfunction.	Ensure the microSD card is properly inserted. If the issue persists, try formatting the card (after backing up data) or using a different compatible microSD card.
Video quality is poor.	Dirty lens or incorrect settings.	Clean the camera lens with a soft cloth. Check the video quality settings on the device and ensure it's set to Full HD.
G-sensor is too sensitive/insensitive.	Sensitivity settings need adjustment.	Adjust the G-sensor sensitivity through the device's menu settings.

If the problem persists after trying these solutions, please contact CELLSTAR customer support.

9. SPECIFICATIONS

Feature	Detail
Model Name	CSD-600FHR
Manufacturer	CELLSTAR
Video Capture Resolution	Full HD (1080p)
Sensor	2 million pixel Sony Exmor CMOS sensor
Special Features	G-sensor, Internal Memory, Night Vision, HDR, Voice Assist, LED Traffic Signal Compatible, Radar Detector Mutual Communication
Power Input	12V / 24V DC
Product Dimensions (H x W x D)	69mm x 85mm x 18.5mm (main unit)
Item Weight	50 g
Color	Black
Included Components	Cigarette plug cord, Mount base, User manual, 16GB microSD card
Mounting Type	Adhesive type
microSD Card Capacity	16GB (included), supports approximately 120 minutes of Full HD recording

10. WARRANTY AND SUPPORT

10.1 Product Warranty

The CELLSTAR CSD-600FHR Drive Recorder comes with a **3-year manufacturer's warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use.

This warranty does not cover damage caused by improper installation, accident, misuse, abuse, natural disaster, or unauthorized modification or repair.

10.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact CELLSTAR customer support. Refer to the official CELLSTAR website or the contact information provided in your product packaging for the most up-to-date support details.

Official Website: www.cellstar.co.jp