

## CELLSTAR CSD-790FHG

# CELLSTAR CSD-790FHG Dual Camera Drive Recorder Instruction Manual

Model: CSD-790FHG

## 1. PRODUCT OVERVIEW

The CELLSTAR CSD-790FHG is a high-performance dual-camera drive recorder designed to capture both front and rear views simultaneously. It features advanced recording capabilities and safety support functions to enhance your driving experience.

### Key Features:

- Front and rear simultaneous recording with two cameras (main unit and separate camera).
- microSD maintenance-free function.
- Receives 76 satellites (supports Michibiki, Galileo, Glonass satellites) for high-precision positioning.
- Includes wrong-way driving warnings and high-speed road wrong-way driving caution areas.
- Night Vision Ver.2: Records clear images even in low light conditions such as at night or in tunnels.
- Parking Mode: Newly equipped with motion detection (requires optional accessory).
- Full HD Recording: Clearly captures road signs and license plates of vehicles ahead.
- HDR Image Synthesis: Reduces overexposure and underexposure even with sudden changes in brightness.
- Digital Zoom: Up to 4x digital zoom for clear confirmation of distant objects.
- Selectable recording quality and detailed custom settings for brightness and contrast.
- GPS Notification Function: Provides advance warnings for dangerous areas during driving.
- Voice Assist: Informs you of recording status and operation sounds.
- Speed or Clock Display: Screen can be switched to display speed or clock.
- Heat-resistant, durable glass lens for consistent image quality.
- Compatible with 12V/24V vehicles.
- Compatible with LED traffic lights.



*Image 1: CELLSTAR CSD-790FHG Main Unit and Rear Camera. The main unit records the front view, while the separate camera records the rear view.*

## **2. PACKAGE CONTENTS**

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Before installation, please verify that all components are present in the package:

機能	CS-72FH	CS-91FH	CSD-790FHG
			
カメラ (位置・数)	前後2カメラ	前後2カメラ	前後2カメラ
カメラ画素数	前方：200万画素 後方：100万画素	前方：200万画素 後方：200万画素	前方：200万画素 後方：100万画素
カメラ画質 (FullHD/WQHD)	前方：FullHD 後方：HD	FullHD	前方：FullHD 後方：HD
STARVIS有無	○(前方のみ)	○	○(前方のみ)
HDR/WDR	HDR	HDR	HDR
画角 (視野角)	前方：水平115.8° 垂直60.2° 対角141.8° 後方：水平107° 垂直59° 対角127°	前方：水平119° 垂直62° 対角147° 後方：水平114° 垂直61° 対角141°	前方：水平115.8° 垂直60.2° 対角141.8° 後方：水平107° 垂直59° 対角127°
F値	本体カメラ：F2.0 リヤ・別体カメラ：F2.0	本体カメラ：F2.0 リヤ・別体カメラ：F2.0	本体カメラ：F2.0 リヤ・別体カメラ：F2.0
モニターサイズ	2.4インチ	2.4インチ	2.4インチ
フレームレート	30fps	30fps	30fps
駐車監視機能	○(要オプション)	○(要オプション)	○(要オプション)
安全運転支援機能	—	○	○
GPS機能	○	○	○
後続車接近お知らせ機能	—	○	—
先行車発信お知らせ機能	—	○	○
先行車接近お知らせ機能	—	○	○
車線逸脱お知らせ機能	—	○	○
WiFi機能	—	—	—
容量	32GB	32GB	16GB
定期フォーマット (メンテナンスフリー)	○	○	○
製品保証期間	3年	3年	3年
GPSお知らせ機能	○(データ更新無料)	○(データ更新無料)	○(データ更新無料)
対応車種	12/24V車	12/24V車	12/24V車
レーダー探知機相互通信	—	—	—

Image 2: Diagram illustrating the components included in the CSD-790FHG package.

- Drive Recorder Main Unit
- Separate Camera (for rear view)
- DC Cord (3-pole DC plug)
- Mount Base x2
- Camera Connection Cord
- Ball Joint (for dashboard) x2
- Double-sided Tape (for glass) x2
- 16GB microSD Card Class 10/SDHC compliant (with dedicated viewer software)
- microSD Card Adapter
- microSD Card Case
- Double-sided Tape (for dashboard) x2
- Cord Clip x5
- Degreasing Cleaner
- User Manual

## 3. SETUP AND INSTALLATION

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### 3.1 Mounting the Main Unit and Rear Camera

The main unit is typically mounted on the front windshield, and the separate camera is mounted on the rear window. Use the provided mount bases and double-sided tape for secure attachment. Ensure the camera lenses have a clear view of the road.

1. Clean the mounting surface with the degreasing cleaner.
2. Attach the double-sided tape to the mount base.
3. Securely attach the mount base to the desired location on the windshield/rear window.
4. Attach the drive recorder main unit and separate camera to their respective mount bases.

### 3.2 Power Connection

Connect the DC cord to the drive recorder and the vehicle's cigarette lighter socket. The unit supports both 12V and 24V vehicles. The device will automatically start recording when the engine is turned ON and stop when the engine is turned OFF.

### 3.3 Connecting the Rear Camera

Use the camera connection cord to link the separate rear camera to the main drive recorder unit. Route the cable carefully to avoid interference with vehicle operations.

### 3.4 microSD Card Insertion

Insert the provided 16GB microSD card into the designated slot on the main unit. Ensure it is inserted correctly until it clicks into place.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Basic Operation

- **Automatic Recording:** The device automatically begins recording when the vehicle's engine is started and stops when the engine is turned off.
- **Audio Recording:** Audio can be recorded simultaneously with video. This setting can be adjusted in the menu.
- **3G Sensor:** The built-in 3G sensor detects impacts and sudden movements, automatically saving critical footage to prevent overwriting. Sensitivity can be customized.

### 4.2 Display and Menu Navigation

The CSD-790FHG features a 2.4-inch touch panel for easy navigation. Use the touch screen to access settings and view recorded footage.

- **Menu Access:** Tap the 'MENU' icon on the screen to enter the settings menu.
- **Display Modes:** The screen can display live camera views, recorded footage, speed, or time. Switch between modes as needed.
- **Digital Zoom:** During live view or playback, use the digital zoom function (up to 4x) to magnify specific areas.

### 4.3 GPS Notification Function

The integrated GPS provides warnings for various road conditions and potential hazards.

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JAPAN QUALITY

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すべてのドライバーに  
「安心」と「安全」をお届けします。

自社工場一貫生産

確かな品質 充実のアフターサービス  
**日本製 3年保証**

危険な“あおり運転”対策に最適！

## 2台のカメラで前方・後方を同時に 録画できるドライブレコーダー CSD-790FHG

別体カメラ(後方用)

HDR搭載

リアガラスに取り付けて後方を録画！

本体カメラ(前方用)

HDR搭載

フロントガラス、またはダッシュボードに  
取り付けて前方を録画！

事故時補償制度  
対象製品

ドライブレコーダー協会のQRコード

2.4インチ液晶ディスプレイ

超速  
GPS採用

高精度な自車位置測定  
受信衛星76基

後方まで余裕で映く、9.0m超長コードが付属

NEW! 「逆走注意エリア」を警告音と画面表示でお知らせ!

GPS おしらせ機能

ドライブ中の危険なエリアを、警告音と画面表示で事前にお知らせします。

みちびき+GPS+グロナス+ガリレオ+SBAS

GPSデータ件数  
10種 39,000件以上

PCとmicroSDカードで毎月最新GPSデータに更新可能

無料

Full HD SONY製 Exmor R CMOSセンサー採用 STARVISモデル ナイトビジョン Ver.2搭載 ※本体カメラのみ

microSD スタンダースペック対応

パキングモード (エンジンOFF時)

200万画素カメラ搭載 ※本体カメラのみ

安全運転支援機能

LED信号対応

前・後カメラ HDR搭載

3つの録画モード

クラスA適合品

microSD クラス10/16GB対応

Image 3: The CSD-790FHG display showing a GPS warning for a high-speed wrong-way driving caution area.

- The device will provide audible alerts and on-screen notifications for dangerous areas, such as wrong-way driving zones or accident-prone locations.
- GPS data is updated monthly for free via the 'MyCellstar' smartphone app or PC.

#### 4.4 Parking Mode (Optional)

With an optional accessory, the parking mode can be activated. This feature utilizes motion detection to record events while the vehicle is parked, providing surveillance against potential incidents.

#### 4.5 Manual Photo Capture

You can manually capture still images during recording by accessing the shooting function through the touch panel menu.

### 5. MAINTENANCE

#### 5.1 microSD Card Management

The CSD-790FHG features a microSD maintenance-free function, which optimizes the card's lifespan and reduces the need for frequent formatting. However, it is recommended to periodically check the card's health and back up important footage.

#### 5.2 Cleaning

Gently wipe the camera lenses and display screen with a soft, dry cloth to remove dust or smudges. Avoid using abrasive cleaners or solvents.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter with your CELLSTAR CSD-790FHG drive recorder. For more detailed troubleshooting, please refer to the full user manual or contact customer support.

- **Device not powering on:** Ensure the DC cord is securely connected to both the drive recorder and the vehicle's power outlet. Check the vehicle's fuse for the power outlet.
- **Recording not starting:** Verify that the microSD card is correctly inserted and has sufficient free space. The device should start recording automatically when the engine is on.
- **Poor video quality:** Clean the camera lenses. Ensure the HDR and Night Vision settings are appropriate for the lighting conditions. Check the selected recording resolution in the settings.
- **GPS not acquiring signal:** Ensure the device has a clear view of the sky. Avoid mounting locations that obstruct GPS signal reception. Update GPS data regularly.
- **Touch screen unresponsive:** Try restarting the device by disconnecting and reconnecting the power. If the issue persists, contact support.

## 7. SPECIFICATIONS

Feature	Specification
Brand	CELLSTAR
Model Name	CSD-790FHG
Product Dimensions (Main Unit)	92(W) x 23.5(D) x 82(H) mm
Product Dimensions (Separate Camera)	35(W) x 18(D) x 65(H) mm
Item Weight	100 g
Video Capture Resolution	Front: 2 Million Pixels (FullHD), Rear: 1 Million Pixels (HD)
Display	2.4 inch Touch Panel
Connectivity Technology	DC
Compatible Vehicle Type	12V/24V (Parking)
Special Features	Motion Detection, Surveillance
Included Components	DC Cigarette Cord, 16GB microSD Card, Mount Base, User Manual, Double-sided Tape, Degreasing Cleaner
Mounting Type	Adhesive Mount
Control Method	Touch

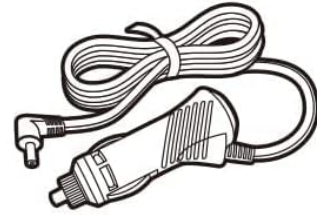
## ■ 梱包内容 CSD-790FHG



ドライブレコーダー本体



別体カメラ



DCコード  
(3極DCプラグ)



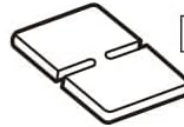
マウントベース×2



カメラ接続コード



ボールジョイント  
(ダッシュボード用)×2



両面テープ  
(ガラス用)×2



16GB microSDカードクラス10/SDHC規格準拠  
(専用ビューアソフト入り)※SDカード変換アダプタ・SDカードケース付



両面テープ  
(ダッシュボード用)×2



コードクリップ×5



脱脂クリーナー



取扱説明書

Image 4: Dimensions of the CELLSTAR CSD-790FHG main unit and separate camera.

## 8. WARRANTY INFORMATION

The CELLSTAR CSD-790FHG drive recorder comes with a **3-year manufacturer's warranty**. Please retain your proof of purchase for warranty claims. For details regarding warranty terms and conditions, refer to the official CELLSTAR website or the warranty card included in your package.

## 9. SUPPORT AND UPDATES

For further assistance, product information, or to download the latest GPS data updates, please refer to the following resources:

- **GPS Data Updates:** GPS data can be updated monthly for free. Download the latest data using the smartphone app "MyCellstar" or from the official CELLSTAR website, then transfer it to your device via microSD card.
- **Official Support Website:** For additional support and information, you may visit the official support page: [JDRC Support](#).



*Image 5: Overview of CELLSTAR CSD-790FHG features, including GPS notification and support information.*