

Product Manual

1. Product Overview

The DVR system, equipped with two wide-angle cameras installed inside/outside the vehicle, captures real-time images of the surroundings and transmits them to the integrated display. This system helps drivers clearly observe obstacles and pedestrians around the vehicle, effectively reducing accidents such as scratches, collisions, and falls. Additionally, the product records all driving footage, preventing disputes in case of incidents.

2. Product Components List

Accessories List

Name	Image	Description	Quantity
Main Unit		HD display / 2-camera interface / Touch control / Bluetooth / WiFi / FM transmitter / SD card recording / Type-C power supply	1
Power Cable		Type-C power cable / 7-32V / 3A current / Integrated cable / Cigarette lighter power source	1
Rear Camera		AHD HD (1080P) / 4PIN BMW connector	1
Rear Camera Extension Cable		6-meter cable / 2.5mm headphone jack + 4PIN BMW connector / Dual shielded / Includes reverse line	1

3. SD Card Specifications

The quality of the SD card significantly affects recording stability. To ensure safe video recording, please use high-quality SD cards from brands such as SanDisk, Kingston, Toshiba, or Samsung. The speed rating should be at least Class 10, and the maximum supported capacity is 256GB.

4. Wiring Instructions

Detailed Wiring Information:

No.	Interface	Description
1	Type-C Interface	Power supply interface for the mainboard
2	Cigarette Lighter	Direct power source from the cigarette lighter. Note: Please use the original cigarette lighter adapter. If using a non-original adapter, ensure it meets quality standards to avoid damage due to inadequate voltage or overheating. The FM transmission function may not work properly if a non-original power source is used.

5. Camera Installation

(Installation instructions and diagrams to be provided.)

6. Interface Guide

1. Mobile Connectivity

A. Apple CarPlay

- Tap the **Apple CarPlay** button to enter the wireless CarPlay interface.
- Select **Bluetooth Management**, connect via Bluetooth, and enable applications.
- **Note:** Apple CarPlay is only supported on iPhones. Disabling WiFi will disconnect the connection.

B. HiCar

- Tap the **HiCar** button to activate HiCar mode.
- **First-time connection:**
 - Swipe down on the phone's home screen and use the search bar to scan the QR code displayed on the device.
 - Follow the phone prompts and tap **Connect**.
 - Approve the **Auto-connect to HiCar** pop-up on your phone.

- For subsequent connections, simply connect via Bluetooth. (Bluetooth name: T86-XXXXXX)
- **Note:** HiCar is only supported on Huawei or Honor phones. Check the official Huawei/Honor website for compatibility.
- To disconnect, go to the phone's notification bar and tap **Disconnect** in the HiCar notification.

C. CarLife+

- Tap the **CarLife+** button to enter the wireless CarLife+ interface.
- Connect your phone to Bluetooth, then enable your phone's hotspot.
- Tap **Connect Network**, then launch the Baidu CarLife+ app.
- **Note:** Disabling the hotspot will disconnect the connection.

D. Bluetooth Music

- Select **Bluetooth Music** and enable your phone's Bluetooth.
- Tap **Bluetooth Management** on the interface and connect to the device's Bluetooth (T86-xxx).
- Control playback with **Previous Track**, **Play/Pause**, and **Next Track** buttons.
- Tap the **Lyrics** button to display lyrics.

2. Bluetooth

- Tap **Enable Bluetooth** and select the displayed device (e.g., T86-1CCCCOC).
- Rename the Bluetooth device if necessary.
- Once connected, phone audio and call functions will be available.
- Tap **Disconnect** to manually disconnect Bluetooth.

3. Dash Cam (DVR)

- Tap the **DVR** button to view the camera feed.
- When an SD card is inserted, recording starts automatically.
- A red dot will flash on the **DVR** button while recording.
- Tap **Start Recording** to begin and **Stop Recording** to end.
- Tap **Playback** to view recorded videos.
- Tap **Audio Toggle** to enable/disable audio recording.
- Tap **Switch Camera Layout** to adjust the camera view.

4. Video Playback

- Tap **Playback** to enter the video review interface.
- Select a video on the right to view **Loop Videos** or **Parking Surveillance Videos**.
- The lower left buttons allow **Play/Pause** and **Next**.

5. FM Transmitter

- Tap **Enable Device**.
- Select a transmission frequency (e.g., FM 106.0 MHz).
- Set your car radio to the same frequency.
- Once connected, all audio will be transmitted to the car speakers.
- **Note:** Using a non-original power cable may weaken or disable the FM function.

6. Settings

- **Recording Resolution:** Choose 720P or 1080P.
- **Segment Time:** Set video clip duration to 2, 3, or 5 minutes (default is 3 minutes).
- **Recording Sound:** Enable or disable audio recording.
- **Image Mirroring:** Enable or disable to facilitate flexible camera installation.

A. Time-lapse Recording

- If enabled, when the car is turned off (ACC off), the system will prompt **Enter Parking Mode?**
- Select **Confirm** to choose a parking mode duration: **1H/3H/5H/8H/24H**.
- If no action is taken within 5 seconds, the system will default to **3H Parking Mode**.
- The screen will automatically turn off to save power.
- Once the car is restarted (ACC on), the system will prompt **Parking Mode Ending**.

B. Reverse Control

- Toggle between **Enabled/Disabled**.
- When enabled, the reverse assist line will be displayed when reversing.
- Select **Single Screen** or **Multi-Screen** for reverse camera display.
- Tap **Calibration** to adjust the reverse guide lines.

7. Mobile WiFi Connection

- Scan the QR code to download the app.
- Install and launch the app, then exit.
- For first-time connection, search for WiFi and enter the password.
- Future connections will not require re-entering the password.
- **Android:**
 - Open WiFi settings and connect to **F900-.....** (Password: 12345678).
 - Open the app to view the DVR video interface.
- **iOS:**
 - Open WiFi settings and connect to **F900-.....** (Password: 12345678).
 - Open the app to view recorded videos.

This completes the translation of your product manual. Let me know if you need any modifications!

FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.