

Ultra HD True 4K Dash Cam

User Manual

Ver: 1.0

Overview

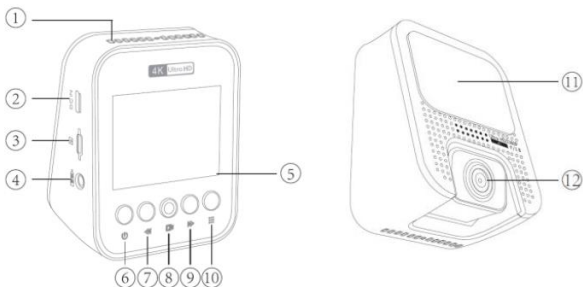
Ultra HD true 4K dash cam which records using state of the art camera from Sony and H.265 compression technology.

This products specifications are summerised as follows:

- (1) Single lens
True 4K 2160P@30FPS
- (2) Dual lens (front and rear)
True 4K 2160P@25FPS + 1080P@25FPS
- (3) Built-in WIFI function which allows you to wirelessly control the units function via smart phone and also preview or download videos/pictures using the app.
- (4) Parking mode allows you to record continuously (via hardwire installation) even when the car is turned off.
- (5) Built-in GPS module allows for easy installation and path trajectory via google maps (speed and location)

Since the unit is updated regularly, this manual is to be used as reference only.

Structure



1. Speaker

2. USB Port

3. TF Card Slot

4. Rear Lens Port

5. Screen

6. Power

7. UP/ Lock

8. OK/ REC

9. MIC/Down

10. Menu/Mode

11. Clip Socket

12. Lens

Key function and port

Power

▲ Press Power key for 3 Secs to start device and press it for 3 Secs again to power off.

▲ Press it once to screen off / on.

Up/ Lock

▲ In menu interface, press it to scroll up.

▲ In video recording mode, press it to lock the video.

▲ In standby mode, press it to start recording a locked video.

- ▶ Press key and hold for 5 secs to toggle on/off the WIFI connection

OK / REC

- ▶ In menu interface, press button to confirm selection.
- ▶ In standby mode, press button to start/stop recording manually

MIC / Down

- ▶ In standby / video recording mode, press button for 5 secs to turn on / off MIC.
- ▶ In menu interface, press button to scroll down.
- ▶ Press button to switch between front/rear camera frame.

Menu / Mode

- ▶ Press button for 5 secs to switch video/photo/playback mode.
- ▶ In video/photo mode, press button to enter menu and press it again to exit

★Video Mode

In video mode, press button to enter video settings menu. Press again to exit and start recording.

★Photo Mode

In photo mode, press button to enter photo settings menu. Press again to exit.

- ▶ In playback mode, press button to return to the previous interface.

TF Card Slot

- ▶ Supports 8GB-256GB TF card (U3 or above)

Rear Lens Port

▲ Use the rear camera cable to connect the rear camera.

USB Port

▲ Use the car charger cable to supply power via 12V socket

Front Lens

▲ Takes image via CMOS sensor. Its angle can be adjusted.

Installing and Operation

Installation

▲ Make sure car is switched off. Insert TF card to the card slot (TF card should be 8GB~256GB, U3 or above). If it is being used for the first time, please format the TF card (via app)

▲ Install the bracket to the device and use 3M sticker to fix the device onto the front windshield of the car.

▲ Use the 3M sticker to fix the rear camera onto the rear windscreen.

▲ Use the rear camera cable to connect the rear camera to the rear lens port of the device.

▲ Plug the car charger into the cars 12V socket and the USB end to the devices power socket.
(run the wires along the edge of the windshield)

▲ Adjust the front/rear lens position.

▲ Start the engine and check to make sure the device has

been installed successfully.

**if installed correctly, unit will power on/off with the car.*

Be sure the **protected film on the lens is peeled OFF.*

Operation

▶ Turning ON/OFF

Automatically On/Off:

When the car powers on/off, the device will be powered on/off automatically and start to record.

▲▲Precondition

- 1) Available TF card is inside the device.
- 2) Charger has been connected to the device via the 12V socket or hardwire kit (professional installation required)

Manually On/Off:

Hold the power button for 5 secs to power on, and hold it again for 5 secs to power off.

▶ Video Recording Mode

Automatic Recording

After the car starts up, the device is automatically powered and begins to record immediately.

The red REC icon on the screen blinks.

Manual Recording

In standby state, press the REC key to enter video recording mode and the red REC icon on the screen blinks .And press

the REC key again to stop recording (the red REC icon disappears on screen)

▶ **Photo Mode**

Hold the **Menu/Mode** key for 5 secs to enter **photo** mode.

Press **OK** key to take photo.

Press **Menu/Mode** key to enter menu setup option.

▶ **Video / Image Playback Mode**

Press **UP/DOWN** key to select the folder and press the **OK** key to select. Press **UP/DOWN** key to select file for playback. Press **OK** key to start/stop playback.

Function and Using

▶ **Loop Recording**

·What is loop recording?

The recorded videos can be set to contain more than 1 min per clip. EG 3 Min/5 Min can be recorded into a 1 min clip.

Loop recording is the process of recording videos continuously to the memory card. This process is a never-ending one. At the end of the memory card, the latest video clip will replace the earliest video clip.

This guarantees that the recorder will never miss any action or accidents in live events.

How to change settings:

In standby mode, enter the menu. Use the **DOWN** key to select loop recording function press OK to set different clip times: 1MIN / 3MIN / 5MIN

▲ **G-Sensor Function**

·What is the G-Sensor function?

During normal recording, once the G-sensor detects a collision or large enough vibration (depending on setting) the device will lock current video to avoid deletion by loop recording.

·How to change settings?

In standby mode, enter the menu. Use **DOWN** key to select G-sensor function. Move to "G-Sensitivity" and press OK to set: OFF/LOW/MIDDLE/HIGH.

If "Off" is selected, G-sensor function will be turned off.

▲ **Motion Detection**

·What is motion detection?

Motion detection is the process of detecting movement in the lens (can only be used via hardwire installation, parking mode)

In parking mode, when it detects movement in the lens, it will start to record until the image is still for 10 seconds.

It helps to save memory space.

·How to change setting?

In standby mode, enter the menu. Use **DOWN** key to select motion detection function, when the cursor moves to

“Motion Detection”, press **OK** key to

Set: OFF/LOW/MIDDLE/HIGH,

If “Off” is selected, motion detection function will be turned off.

▲▲Please set it to “Off” if you do not have a hardwire installation

If not, unit may not turn on automatically on car power up.

*▶ **GPS**

·What is GPS?

GPS is the Global Positioning System. With this function the device can automatically update time, locate and record your travel route, time, date, speed and so on.

·How to change the settings?

In standby mode, enter the menu, find the GPS Time option and select ON. If “OFF” is selected, GPS will not work. Set your current time zone in this menu (If the time zone setting is incorrect, the time for automatic update will be incorrect.)

·How to view GPS data?

Download our player to your PC, play the video and it will, show GPS data on the video at same time.

▲*Be sure that your PC is connected to the internet.*

*▶ **WIFI**

·What is WIFI?

This device supports WIFI direct protocol. It means that device can wirelessly transmit data without having to pass through a wireless router. Therefore, you can wirelessly

control the device settings via smart phone. You can also preview or download video or pictures from the device.

·How to change the settings?

In standby mode, enter the menu. Find the WIFI option and select ON (or hold the UP key for 5 secs). Download the “**RoadCam**” APP to your phone. Use the phones WIFI to search for the device (the WIFI name of the device is usually (T810_WIFI_)). Enter password to establish a connection (the default password is: 12345678).

Open the APP and you can see real-time video interface. Press the corresponding button to make the appropriate settings, preview and download.

Specification

LCD Display	2.31" TFT LCD
Lens	170°A+High Resolution Wide Angle
Language	English, Simple Chinese
Video Resolution	Front Cam: UHD 2160P@30FPS QHD 1440P@30FPS

	Rear Cam: FHD 1080P@25FPS
Video Format	H.265/H.264 compression format
Mic/Speaker	Built-in
Loop Recording	1MIN /3 MIN /5 MIN
GPS	Supported and Built In
WIFI	Supported
Back-up Power	Super Capacitor + button cell

Accessories

- 1) In-car charging cable.
 - 2) Mount (Bracket).
 - 3) User Manual.
 - 4) Rear camera and rear camera cable
- 