Polaroid



Full HD Drving Recorder

S501W

User Manual

Questions?
Need some help?
This manual will help you enjoy your new product

If you still have questions, call our helo line:
400-8401-030

or visit us at:
www.polaroidcarcam.com

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About this Guide

The content in this document is for information purpose and is subject to change without prior notice. We made every effort to ensure that this User Guide is accurate and complete.
However, no liability is assumed for any errors and omissions that may have occurred. The manufacturer reserves the right to change the technical specifications without prior notice.

Battery warning

- Always charge using the provided system. Improper handling of the battery may result in explosion.
- Never dismantle or pierce the battery or allow the battery to short-circuit.
- Keep the battery out of reach of children.
- Batteries may explode if exposed to naked fire. Never dispose of batteries in a fire.
- **Disposed of used batteries observing local regulations. Never replace the battery on your own; have the dealer do it for you.**

Notes on Installation

1. Make sure that the lens is within the wiping range of the windscreen wiper to ensure a clear view even when it rains.
2. Do not touch the lens with your fingers. Finger grease may be left on the lens and will result in unclear videos or snapshots. Clean the lens on a regular basis.
3. Do not install the device on a tinted window. Doing so may damage the tint film.
4. Make sure that the installation position is not hindered by the tinted window.
5. To use the products of the attached power charger only, please do not use other brand power charger, in order to avoid equipment burn or cause the battery explosion.

1. Introduction

Thank you for purchasing this advanced Car Recorder. This device is specifically designed for real time video and audio recording when driving.

1.1 Features

Full HD recording videos (1920x1080@30fps 或 1280x720@60fps)

5' Touch screen

Wide angle lens

WiFi/Bluetooth Function /FM /GPS Navigation

Support SDHC Level 6 and above. Support up to 32GB

1.2 Package Contents

The package contains the following items. In case there is any missing or damaged item, contact your dealer immediately.

Products and Parts List

1. Polaroid Full HD Driving Recorder
2. Rear camera
3. Car Power Adaptor
4. USB Cable
5. Quick Start Guide
6. Warranty Card

1.3 Instructions for Use of Car Charger

- The current for car charger should not be less than 2.5A.
- If the recorder is powered off due to weak power, an icon of a battery being recharged will appear after the recorder is connected to the charger.You are advised to press and hold on the power button after a few minutes of recharging.
- Camera specifications: Front camera: support of 1080P/720P; Rear camera: support of VGA.

Main Interface



2 Getting Started

2.1 Inserting the Memory Card

Insert memory card with the gold section facing upward and the screen of the device facing upward too, as illustrated. Push the memory card in until a click sound is heard, indicating the card is in position.



To remove the memory card

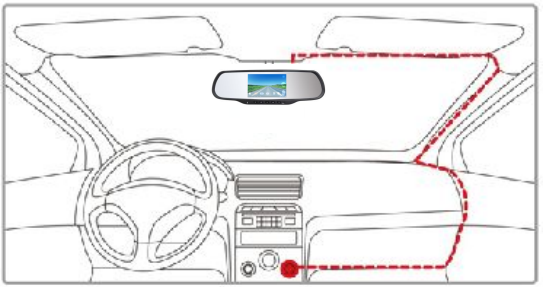
Push to eject the memory card out of the slot.

Note:

1. **Do not remove or insert the memory card when the device is turned on. This may damage the memory card.**
2. **Please use a Class 6 or higher rating Micro SD card, max. up to 32GB.**
3. **Please format the micro SD cards before the initial use.**
4. **When removing the memory card, be careful that the card may spring out and get lost. The memory slot has this spring-out feature for easy removal of the card.**

2.2 Installing in Vehicles

Plug the other end of the car adapter to the cigarette lighter socket of your vehicle. Once the vehicle engine is started, the device automatically turns on.



2.3 Powering the Device On / Off

2.3.1 Auto Power On/Off

Once the vehicle engine is started, the device automatically turns on. If the **Automatic Record** function is enabled, the recording will automatically start right after the device turns on.。

2.3.2 Manual Power On/Off

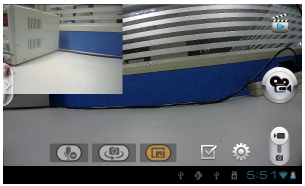
press the power button to turn it on. Press the power button for 3 seconds to shut down.

3. Video Recording During Driving

Note: The option Automatic Video Recording is selected by default for the first use of the recorder. After being powered on, the recorder (with an SD card) starts recording automatically, and returns to the main interface automatically five seconds later (Background video recording is underway.)
Function of video recording:
3.1 Click Video Recording During Driving on the main interface or DVR on panel for recording a video.



3.2 Support Picture-In-Picture function.



3.3 Function keys for video recording：


ON/OFF of mute function for video recording


Switchover of front/rear camera


ON/OFF of Picture-In-Picture function



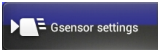
Menu of function options



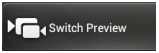
ON/OFF of watermark



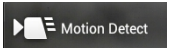
ON /OFF of mute function for video recording



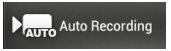
Setting of Gsensor sensitivity



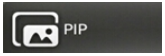
Switchover of front/rear camera



ON/OFF motion detection



ON/OFF automatic video-recording function



ON/OFF of Picture-In-Picture function



Formatting of SD card



Setup menu of video recording



Setting of white balance



Setting of exposure rate



Setting of color mode



Setting of recording time



Setting of resolution ratio of video



Setting of camera switchover



Switchover of Video Recording/Taking Picture



Start recording/Stop key



Playback key of video

3.4 Function for taking picture



Setting menu of taking picture



Setting of resolution ratio of picture



Switchover of Video Recording/Taking Picture



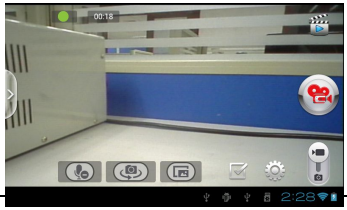
Key for taking picture



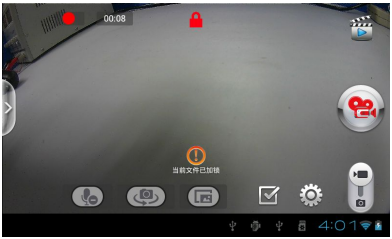
Playback key of pictures

*As for other setting, please refer to Introduction of Function Keys of Video Recording.

3.5 Automatically switch over to rear camera menu during backup (Support Backup Wakeupfunction.).



3.6 It is equipped with high sensitivity Gsensor detector, so the current file can be automatically locked in case of danger and cyclic covering of the file is impossible.



4. GPSNavigation

4.1Click Navigation or GPS icon on the panel for relevant functions.

4.2Other navigation applications (such as AutoNavi Map, RITU Map, Google Map, Baidu Map, etc.) can be supported. The users can install them for trial.





5.Bluetooth Function

5.1Click Bluetooth to enter the following interface:



5.2Click Start Bluetooth. Start the Bluetooth function of mobile phone and bind the function after finding CAR KIT device. The password is 0000.。

5.3Upload phone book.



5.4 Click  , and then the system will ask the mobile phone to upload phone book. Click Yes on the mobile phone, and the Phone Book will appear in Phone Directory Column on the left after uploading.

5.5Click  to directly call the selected contact.

5.6 Click  to delete the selected contact (single piece of information).

5.7 Click  to delete the phone book (all information) instantly.

5.8 Make a call.

5.9 Click Phone Keyboard to enter the following interface:



5.10 Dial directly on the keyboard and press 

5.11 After the line is connected, the available keys are ①Hide/Display Keypad, ②Volume +, ③Volume － and ④Hang Up.



5.12 Click  to enter the Phone Book for making a call.

5.13 Click Pairing List to enter the page for detailed call history as follows.



5.14 Click  to refresh the paired equipment list.

5.15 Click  to delete the selected paired equipment.

5.16 Click  to delete all paired equipment.

5.17 Click Call History to enter the following page:



5.18 Click  to dial the selected number.

5.19 Click  to delete the selected singlepiece of historic record.

5.20 Click  to delete all the call history.

5.21 Special Functions of Bluetooth
The equipment is able to bind multiple mobile devices, and there will be independent call history and phone book space after binding.
Corresponding call history and phone book will be displayed during connection. However, they will not be displayed or deleted when disconnecting or deleting equipment.

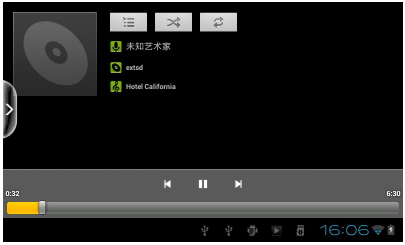
6. Other Applications

Click Other Applications and preset or user-installed APK application program will appear.



7. Music

Click Music to play your favorite.



8. Setting

Click Setting to see relevant setting for WIFI, Bluetooth connection, sound, display, date, time, etc..



Interface 2: Slide to the left on the main interface to enter the second interface as follows:



9. FM Transmitting



9.1 Firstly select transmitting frequency of FM and then click . The FM Transmitting has been started.

9.2 Open a video or play a piece of music and set the radio to corresponding frequency for receiving test.

10 USB connection

To download registered files on your PC/notebook, please connect the device to the PC or notebook via USB-cable provided. After connecting the device to the PC, the device will appear in "My computer" as the removable disk. All registered files are stored in DCIM folder, videos are stored in AVI format, and the pictures are stored in JPG format. You can now download the files from the device.

Notes:

- Please insert the SD card before recording. SD card is not included in the package.
- When the SD card is out of memory, it will automatically erase the oldest files and start recording from the beginning (only if the Recycle option is activated).

11. Technical Specifications

Item	Description
Image Sensor	1/2.7” CMOS Sensor
Recording resolution	1920 (H) x 1080 (V)
Storage method	32GB Micro SD/SDHC Memory card
LCD	5’ Touch screen
Lens	Wide angle lens
Video resolution ratio	Video：Full HD: 1920*1080P 30fps 720P: 1280*720P 30fps 720P: 1280*720P 60fps VGA: 640*480 30fps
	Video format： MP4
Image resolution ratio	2M (1920 x 1080)
	JPEG
Operating temperature	0° ~ 50° C
Operating Humidity	20 ~ 70% RH

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