

PAPAGO![®]

P4

User Manual

Disclaimer

1. Please follow the set-up and usage instructions in the print material that came with this Dashboard Camera (dash cam) product.
2. You should not set/install this dash cam at a place that would obstruct or reduce a driver's view; make sure your use complies with pertinent vehicle codes of your state, province, territory or country.
3. You should post the required notices of recordation to occupants inside the vehicle, if voices or other information/signal pertaining to in-vehicle activities will be recorded.
4. You should not change the dash cam's setting or mode of operation when the vehicle is in motion.
5. The optional driving warning signals, including any visual or audible reminder signals, should not replace your decision-making and judgment that are needed for the proper operation of the vehicle,
6. You should not leave the dash cam in a visible spot when no one is inside the vehicle, to avoid attracting break ins to steal the unit, or other property.
7. You should avoid extended exposure of the dash cam to direct sunlight or extreme temperatures (either high or low temperature) which tend to degrade or damage the unit and its normal functionality.
8. You should examine, check and/or verify the dash cam at least every six (6) months, including the associated memory cards, to ensure the video reception and recording are working properly. For each use, you should verify that the dash cam unit, the visible lights and the audible sounds are working normally. If there are signs of non-operation or mal-function, you should immediately seek to replace the product and check to see if the product is covered under any applicable warranty.
9. The dash cam unit may have additional functionality, such as transmission and recording of audio or GPS signal or other identification information. If you have privacy concerns about these functions, make sure you follow the instruction to disable these functions.
10. You should use the dash cam unit in the way it was intended. You should not use the dash cam unit in a way that would be illegal, physically damages the unit, or tends to cause danger to the safe operation of the vehicle and/or occupants.

Attention Please

【About Usage】

1. If your vehicle still provides power when the vehicle is off, unplug the device when you plan to have your vehicle parked for a long period of time to avoid draining your vehicle's battery.
2. To avoid file corruption, don't eject the Micro SD Card immediately after powering off.
3. It is recommended to use provided adapter.
4. To enable parking function, the unit must receive constant power.

【About Micro SD Card】

1. Please use Micro SD card with the size / memory of at least 16GB, Class 10 (up to 256GB).
2. Format Micro SD card before using.
To format card press  when you get to settings ----- Format

1. Product Introduction

Package Contents

Check the items in your package with the list below. If any of the items are damaged or missing, contact your retailer.

- Device
- Car Charger
- Sticker Mount
- Rear Cam
- Rear Cam Cable
- User Manual

2. Start and GO

1. Power On

Insert the car charger cable into the car's cigarette lighter, and the other end into the TypeC port on the device . Make sure to install the Micro SD Card into the Micro SD Card slot on device. After turning on, the system will start recording automatically. The LED light will turn on when recording mode has started.

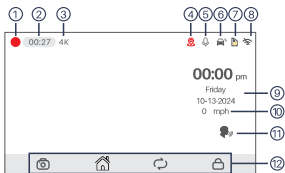
***Reminder: Please format Micro SD card before you start recording. Please refer to page 2 for instructions.**

2. Power Off

When the power supply is off, the device will automatically shut down.

Hold down the power button at least 5 seconds to turn off device. To avoid corrupting the last file recorded, do not eject Micro SD Card immediately after powering off.

3. Buttons and Recording



① Recording Standard Video

② Video Length

③ Video Resolution

④ GPS Status :

 Not Enough Satelllites Found

 Enough Satelllites Found

⑤ Microphone Status

⑥ Collision Detection Enabled
(G-sensor Enabled)

⑦ Memory Card Status

⑧ WIFI Status

⑨ Date and Time

⑩ GPS Speed

⑪ Voice Control Enabled

⑫ Corresponding Functions of
Bottom Functional Buttons

 Take Photo

 Main Menu

 Camera Views Switching

 Lock Current Video

Tips:

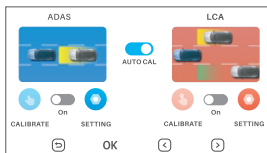
1. Press the corresponding bottom buttons to realize the corresponding functions.
2. When the camera is triggered to lock a file, the flashing dot will turn yellow.

3. Smart Driving Assistance Function

Important:

1. The smart driving assistance function in the dash camera is only for assistance, not a substitute for your driving judgment.
2. Please do not set the smart driving function when you are driving. Obey the traffic rules and pull over your vehicle before setting.
3. To manually adjust the smart driving settings, please first disable the **AUTO CAL** option.
4. For safety reasons, you can only activate either the ADAS (Advanced Driver Assistance System) or the **LCA**(Lane Change Assist) function at a time. Enabling ADAS for the front camera will automatically deactivate **LCA** for the rear camera. Please choose one based on your driving habits and preferences.

Press  to access the main menu, then press   to select **Smart Driving**, and finally, press **OK** to configure smart driving settings.



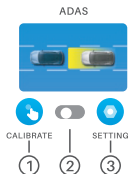
1. AUTO CAL

The automatic calibration feature adjusts itself based on algorithms, eliminating the need for manual settings and providing a more convenient driving assistance experience.

This function is enabled by default. In this mode, manual adjustments to the option of **CALIBRATE** for ADAS are not possible.

2. ADAS (Advanced Driver-assistance System)

ADAS can help perceive the world in the front of the vehicle, and then provide information to the driver.



Tip:

Once the ADAS function is activated, the yellow guideline may not appear or could intermittently disappear if the road markings are unclear. This is normal, and the guideline will reappear once the road markings become clear.

① CALIBRATE:

Please disable the option of **AUTO CAL**, then set the ADAS for monitoring.

Select **CALIBRATE**, then press **OK** to enter the detailed setting page:

Press **OK** to toggle  ,  , and  (each icon represents a different line) .

Press   to move the location of the lines.

Press  to exit and save the setting.

② On/Off:

Enable or disable the ADAS function.

③ SETTING:

Set detailed parameters for the ADAS function. Please set and adjust the sensitivity level according to your needs since higher sensitivity may cause more frequent warnings.

Forward Collision Warning: High, Medium, Low, Off. If the vehicle gets too close to the vehicle ahead, the system will warn the driver of an impending crash. **High, Medium** and **Low** are different sensitivity levels. **Off** means turning off this function.

Lane Changing Alarm: High, Medium, Low, Off. When you are going to drive across the double solid white lines during lanes change, the system will warn the driver. **High, Medium** and **Low** are different sensitivity levels. **Off** means turning off this function.

Pedestrian Collision Alarm: High, Medium, Low, Off. If the distance between your vehicle and the pedestrians is too short, the system will warn the driver of a potential collision. **High, Medium** and **Low** are different sensitivity levels. **Off** means turning off this function.

Forward Vehicle Start Alarm: High, Medium, Low, Off. The system will warn you when the driver of the vehicle ahead begins to drive. **High, Medium** and **Low** are different sensitivity levels. **Off** means turning off this function.

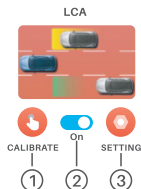
Too Close Distance Alarm: High, Medium, Low, Off. When your vehicle gets too close to the other vehicle, the system will warn the driver. **High, Medium** and **Low** are different sensitivity levels. **Off** means turning off this function.

Alarm Tone: On and Off. Turn on or turn off the audio alarm when an approaching object is detected.

Display Alarm Area & Color Frame: On and Off. Display or hide the alarm areas or color frames on the screen.

3. LCA(Lane Change Assistance)

* With the LCA function, the system will warn the driver of an object in the default blind spot area, as well as an approaching vehicle in adjacent lanes.



① CALIBRATE:

Please disable the option of **AUTO CAL**, then set the LCA areas for monitoring.

Select **CALIBRATE**, then press **OK** to enter the detailed setting page:

Press **OK** to move the location of the red dot on eight corners; long press **OK** to toggle .

Press   to adjust the boxes' sizes.

Press  to exit and save the setting.

② On/Off:

Enable or disable the LCA function.

③ SETTING:

Set detailed parameters for the LCA function.

Alarm Sensitivity: Low, Medium, and High. If you select **High**, the system will warn you of an approaching object in the LCA areas regardless of the relative velocity. If you select **Medium**, the system will warn you of an approaching object in the alarm areas when the relative velocity between your car and the approaching object equals to or is greater than 0km/h. If you select **Low**, the system will warn you when the relative velocity between your car and the approaching object equals to or is greater than 10km/h.

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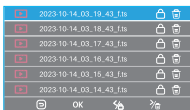
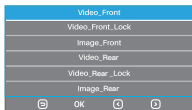
Speed Threshold: 0km/h, 30km/h, 50km/h, 80km/h and 100km/h. Please choose your preferred option for the LCA areas based on your driving speed. The lower the speed threshold, the more frequent the alerts.

Alarm Tone: On and Off. Turn on or turn off the audio alarm when an approaching object is detected.

Display Alarm Area & Color Frame: On and Off. Display or hide the BSD& LCA areas on the screen.

4. Check and Delete videos and photos

Press  to access the main menu, then press   to select **File Explorer**, and finally, press **OK** to view all the recorded videos and photos.



***Video_Front** includes all the standard videos recorded by the front camera.

***Video_Front_Lock** includes all the locked videos recorded by the front camera when there is a collision in driving or parking, as well as the videos manually locked by pressing  on the recording interface.

***Image_Front** includes the photos captured by the front camera.

***Video_Rear** contains the standard videos recorded by the rear camera.

***Video_Rear_Lock** contains all the locked videos recorded by the rear camera when there is a collision in driving or parking, as well as the videos manually locked by pressing  on the recording interface.

***Image_Rear** contains the photos captured by the rear camera.

*Shortly press   to select a file, then press **OK** to playback it.

*Long press  or  to bring up the window to lock or unlock the selected file; long press  to bring up the window to delete the selected file.

5. Settings

Press the  button to enter “Settings”.

- Resolution: Choose the resolution of the video.
- Loop Recording: Set the time length of each video section for loop recording.
- Anti-flicker: Set anti-flicker frequency.
- Collision Sensitivity: Set the impact sensitivity of the G-sensor.
- Parking Monitor Sensitivity (appears with a hardwire kit connected)

Enabling any sensitivity level activates the parking monitor function. In this mode, the camera will record a locked video when a collision is detected, after which it powers off to preserve your car's battery. Selecting Closed disables this function.

- Parking Recording Mode (appears with a hardwire kit connected)
- Selecting frame rate of the parking recording function after the car is parked. “Time-lapse recording” indicates 1 frame per second.

“Normal recording” indicates 25 frames per second. Selecting Closed disables this function.

- Parking Recording Duration (appears with a hardwire kit connected)
- Set to determine the duration of Parking Recording Mode. The device will be turned off automatically once the time is up.

Note:

An extra Hardwire Kit (not included) is needed for using the parking monitor and parking recording functions.

- Audio Recording: Enable or disable audio recording.
- Time Stamp: Enable or disable logo, GPS, and date & time stamps on recordings.
- WDR: Enable/disable WDR function.
- Rear Camera Orientation: Set the preview orientation of the rear camera.

- Volume: Turn up or down the volume of the system.
- Key Tone: Enable or disable key tone.
- Screen Saver: Set the time to turn off the display after a certain period of inactivity.
- Speed Unit: Set the unit of speed.
- Speed Adjustment: Fine tune GPS speed versus the actual speed of the vehicle.
- Time Zone: Set time zone.
- Language: Set display language.
- Voice Control: Enable or disable the voice command.
- Show Date/Time/GPS Speed: Enable or disable displaying date/time and speed stamp on the screen.
- WiFi Frequency Band: Set 2.4GHz frequency band.
- WiFi: Turn the WiFi on or off, obtain the QR code for downloading the app, and check the WiFi name and password for the camera.
- Satellite Information: Check the current GPS status of the camera.
- Date & Time Setting: Set the date format, clock format, date and time of the camera.
- Format: All data on the MicroSD card will be deleted. Data is irrecoverable after formatting.

Please backup videos and photos before formatting the MicroSD card.

- System Version: Check the current firmware version.
- Factory Reset: Reset all values to factory default.

6. Record / Snapshot Function

1. Video Recording Circulation

1. Video recording will start looping after powering on with the Micro SD Card plugged in.
2. Each recorded file is 1/2/3 minutes long, with old footage being replaced when the MicroSD Card is full.

2. Emergency Recording

1. Manual File Backup

Press the button , to backup a file so that it will not be overwritten. The top-left red flashing dot turns to yellow when an emergency file is being recorded.

2. Auto Backup

Once the G-Sensor is activated by sudden impact, the device will automatically lock the file so that it is not overwritten.

3. Snapshot

1. Press the button , to take a snapshot while in recording mode.
2. The snapshot images are located on the MicroSD Card in the image folder.

7. Using App

1. App Installation

- ① Download and install the PAPAGO Focus App on your mobile device by scanning the QR code below.



- ② Searching for PAPAGO Focus on Google Play/App Store.



- ③ Go to System Settings > WiFi and scan the QR code to download and install.

2. Ensure that the device is turned on and your mobile phone is within 5 meters of the camera.

3. Connect the WiFi on your phone.

SSID: PPG_P4_xxxx

Password: 12345678

4. Launch the app and add the device.

5. You can browse videos/photos and configure settings with the app now.

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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Statement

To maintain compliance with FCC'S RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm between the radiator and your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.