

PAPAGO![®]

M620

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

1. 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.

2. About Micro SD Card

1. Please use Micro SD card with the size / memory at least 16GB, Class 10 (up to 256GB).
2. Be sure to format Micro SD card before usage.
To do so, tap  on the screen. Go to "System Settings", select "Format", and tap "Yes".

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.

- Front Camera
- Rear Camera
- Direct Power Cable
- Rear Camera Connection Cable
- Rubber Straps
- User Manual
- GPS Receiver

2、Start and Go

2.1 Power On

Insert the car charger cable into the car's cigarette lighter and the other end into the Type-C USB 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.

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

2.2 Power Off

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.

If you need to turn it back on, simply hold the power button for at least 3 seconds.

2.3 Recording Interface

After powering on and card formatting, the device will automatically start recording videos. The video length of each video is 1 minute by default and the oldest videos will be overwritten by the latest video in a loop when there is no remaining capacity of the card.

Touch  to go to the main page.

Touch  to start or stop recording the video.

Touch  to take a photo.

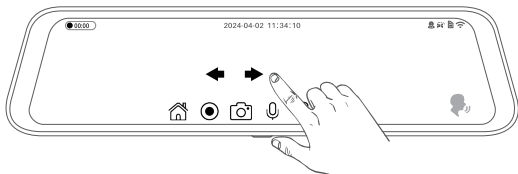
Touch  to turn on or off the audio when recording.

Touch  to lock/unlock the current video.

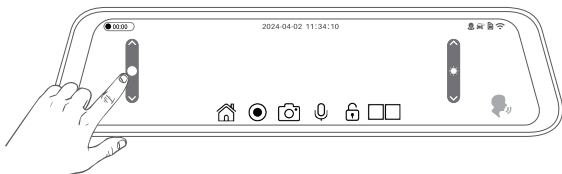
Touch  to switch among the views.

- **Gestures in the recording interface**

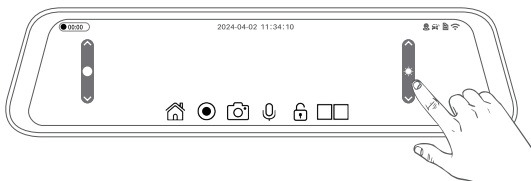
Slide leftward/rightward on the touch screen to switch among the view from the front camera, the view from the rear camera and the view from both cameras.



Swipe upward/downward on the left part of the touch screen to adjust the preview angle from the front camera lens or the rear camera lens according to your preference.



Swipe upward/downward on the right part of the touch screen to adjust the brightness of the display.



Tip:

If you connect the red wire of the rear camera kit to your reversing light, the dash camera will automatically show the reversing view when you set your vehicle in reverse gear. You can then tap  to adjust the reversing assist line.

3、Smart Driving Assistance Function

Important:

1. The smart driving assistance function is only for assistance, not a substitute for your driving judgments.
2. For accurate monitoring, we recommend that you install the GPS receiver.
3. Please do not set the smart driving function when you are driving. Obey the traffic rules and pull over your vehicle before setting.
4. To manually adjust the smart driving settings, please first disable the AUTO CAL options.
5. For safety reasons, you can only activate either the ADAS or the BSD/LCA function at a time. Enabling ADAS for the front camera will automatically deactivate BSD or LCA for the rear camera, and the vice versa. Please choose one based on your driving habits and preferences.

Touch  and “Smart Driving” to set the ADAS, BSD and LCA functions.

1. AUTO CAL

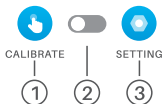
The automatic calibration feature adjusts itself based on algorithms eliminating the need for manual settings and providing a more convenient driving assistance experience. Once the AUTO CAL option is enabled, manual adjustments to the option of CALIBRATE are not possible.

2. ADAS (Advanced Driver-assistance System)

ADAS can help perceive the environment 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. Tap to move the red line upward and downward, tap to move the green line leftward and rightward, tap to move the yellow line upward and downward, tap SAVE to save the settings.

② On/Off:

Enable or disable the ADAS function.

③ SETTING:

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

Front Collision Alarm: High, Medium, Low, Off. If the vehicle gets too close to the vehicle ahead, the system will warn the driver of a potential collision. 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 close, the system will warn the driver of a potential collision. High, Medium and Low are different sensitivity levels. Off means turning off this function.

Front 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 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: On and Off. Display or hide the alarm areas on the screen.

3. BSD (Blind Spot Detection)

With the BSD function, the system will warn the driver of an object in the blind spot area at the rear of the vehicle.



① CALIBRATE:

Please disable the option of **AUTO CAL**, then set the BSD area for monitoring. Tap  to change the location of the dot on four corners; tap   or move the dot to adjust the monitoring area, tap **SAVE** to save the setting.

② On/Off:

Enable or disable the BSD function.

③ SETTING:

Set detailed parameters for the BSD function.

Alarm Sensitivity: Low, Medium, and High. The higher the sensitivity, the more easily an alarm is triggered.

Speed Threshold : 0km/h, 10km/h, 20km/h, 30km/h, and 50km/h.

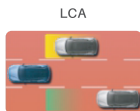
When the driving speed is lower than the value and the camera detects an approaching object in the blind spot area, the device will alarm. Please choose your preferred option based on your driving habits.

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

Display Alarm Area: On and Off. Display or hide the alarm area on the screen.

4. LCA (Lane Change Assistance)

With the LCA function, the system will warn the driver of an approaching vehicle in adjacent lanes and help drivers safely make lane changes.



① CALIBRATE:

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

Tap  to change the location of the dot on corners; tap < ^ > or move the dot to adjust the monitoring area, tap **SAVE** to 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. The higher the sensitivity, the more easily an alarm is triggered.

Speed Threshold : 0km/h, 30km/h, 50km/h, 80km/h, and 100km/h.

When the driving speed is higher than the value and the camera detects an approaching vehicle in the adjacent lanes, the device will alarm. Please choose your preferred option based on your driving habits.

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

Display Alarm Area: On and Off. Display or hide the alarm areas on the screen.

4、Settings

4.1 Camera Settings

- **Resolution**
Set the resolution of the front camera.
- **Loop Recording**
Set the recording time of each video.
- **Anti-flicker**
Set anti-flicker frequency.
- **Collision Sensitivity**
Set sensitivity of G-Sensor. Once the G-Sensor is activated by a sudden impact, the device will automatically lock the file so that it is not overwritten.
- **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 and time stamp on recordings.
- **HDR**
Enable or disable HDR function.
- **Rear Camera Orientation**
Set the preview orientation of the rear camera.
Original: Do not change the current view.
Flip upside down: Flip the rear camera view upside down.
Mirror: Mirror the live view of the rear camera.
Flip and mirror: Flip the rear camera view upside down, and mirror the live view of the rear camera as well.

4.2 System Settings

- **Volume**
Turn up or down the volume of the system.
- **Touch Sound**
Turn on/off the sound when tapping the screen.
- **Screen Saver**
Set the time to turn off the display after a certain period of inactivity.
- **Speed Unit (available when the GPS receiver is installed)**
Change the unit of the speed displayed on the screen.
- **Time Zone (available when the GPS receiver is installed)**
Select your time zone.
- **Speed Adjustment (available when the GPS receiver is installed)**
Manually fine-tune the speed indicated on the screen when the GPS speed is not highly precious.
- **Language**
Set language of the system.
- **Satellite Information (available when the GPS receiver is installed)**
Display the detailed GPS information

- **Wi-Fi**

Turn the Wi-Fi on or off, obtain the QR code for downloading the app, and check the WiFi name and password for the camera.

protocol.

- **Voice Control**

Enable or disable voice control. After the voice control is started, an icon  will appear in the lower right corner of the dash camera. Simply touch it to check the voice commands.

- **Date & Time Setting**

Set the date format, clock format, date and time of the camera.

- **Format**

Press Yes to format the memory card.

- **System Version**

Check firmware version information.

- **Factory Reset**

Restore all settings to default settings.

5、Record/Play/Delete Function

5.1 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.

5.2 Emergency Recording

① Manual File Backup

Touch  on the recording interface to lock the current video so that it will not be overwritten. You will see the lock icon turn to yellow when locking a video. This occurs 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.

5.3 Copying Files from Micro SD Card

- ① Shut down the device and eject the Micro SD Card. (To avoid corrupting the last file recorded, do not eject the Micro SD Card immediately after powering off.)
- ② Insert the Micro SD Card onto adapter. Insert adapter into the Micro SD Card reader and your computer will automatically detect the Micro SD Card.

- ③ There are video recording files and photos on the removable device “PAPAGO”. *video_front* and *video_back* folders store normal recording videos. *video_front_lock* and *video_back_lock* folders store emergency videos. *image_front* and *image_back* store photos.
- ④ Copy the files to your computer. Please follow the copy and paste or drag and drop procedure for your computer model.

5.4 Play/Delete Video or Photo

- ① Tap  on the screen to go to the main page.
- ② Go to “File Explorer” to browse videos and photos.
- ③ Tap “FRONT” or “BACK” to browse videos and photos of the front/rear camera.
- ④ Tap “VIDEO”, “VIDEO-LOCK”, and “IMAGE” to browse normal videos/emergency videos/taken photos. Here to play/delete a selected video/photo.

6、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_M620_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.

