

## Mirror Dash Cam S12 Pro



### USER MANUAL

Thank you for choosing our product. If you have any questions please contact us at [support@pelsee.com](mailto:support@pelsee.com).

#### Dear Customer,

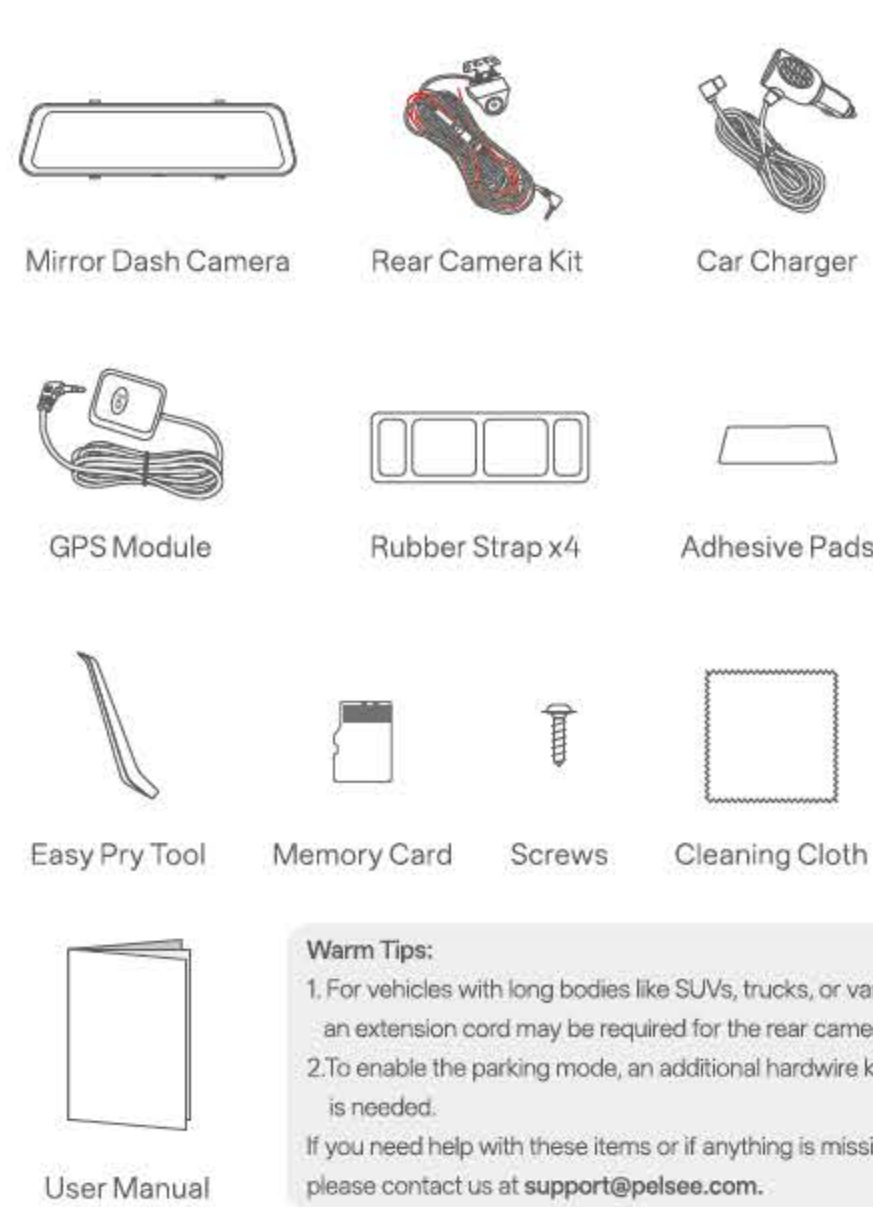
Thank you for selecting **Pelsee** as your preferred brand!  
We sincerely hope that you will enjoy using our product as much as we do. If you happen to encounter any issues while using the product, or if you have any ideas on how we can enhance it, please don't hesitate to get in touch with us. You can contact us through our official website at **pelsee.com** or by emailing us at **support@pelsee.com**.  
Our dedicated support team will be delighted to help you find a solution that meets your satisfaction as quickly as possible.

**Yours Sincerely,**  
**Pelsee Team**

#### SAFETY PRECAUTIONS

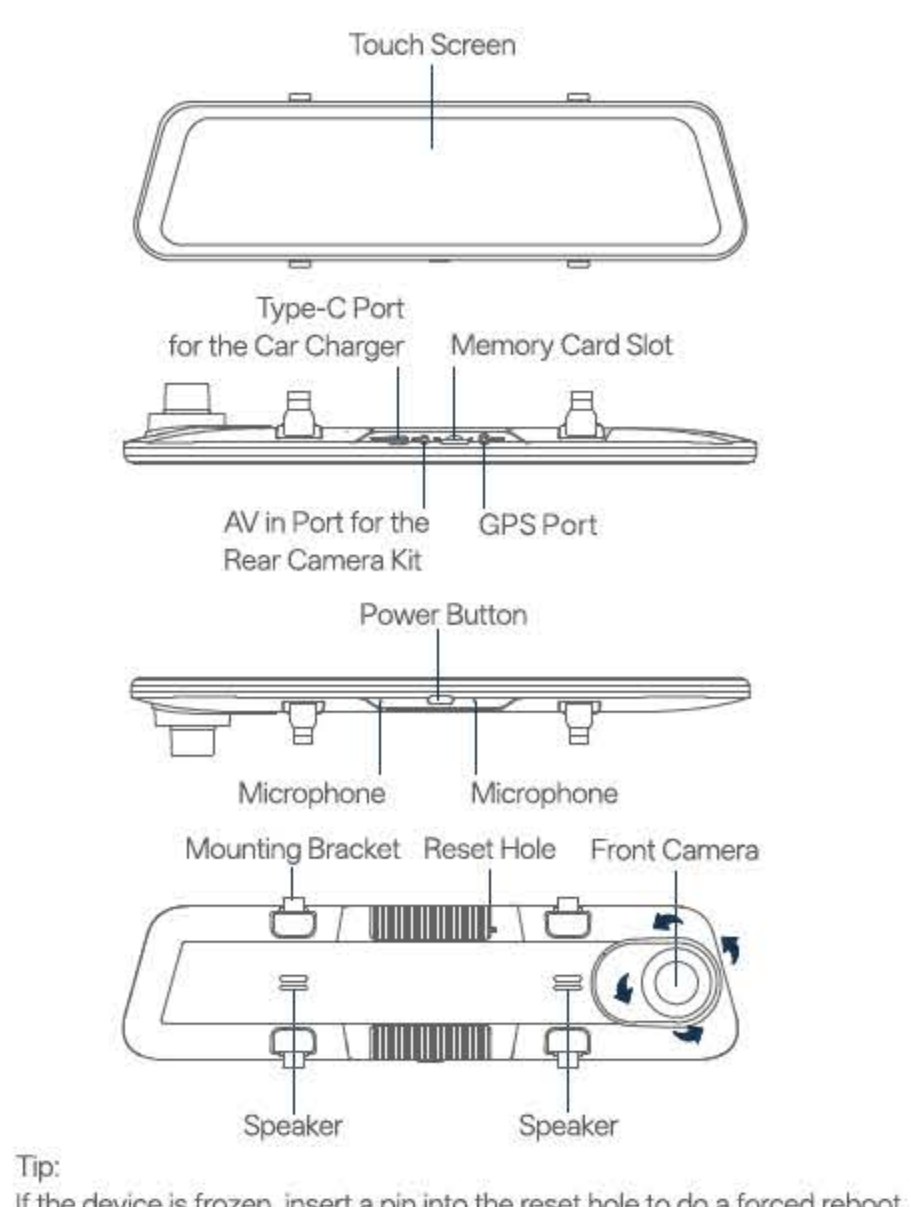
- To prevent injury or damage, please read and follow these safety precautions:
1. Read and understand the user manual before using the product and keep it safe for future reference.
  2. Only use the original accessories provided by the manufacturer.
  3. Remove the protection film from the LCD display and lenses before using the product.
  4. DO NOT try to disassemble, alter or repair the product yourself. Please ask for the help from the manufacturer or similarly qualified person in order to avoid a hazard. After repairing, please do a safety check to ensure that the product is working properly.
  5. This product must not be placed in a location that may affect the displacement of air bags, and must not obstruct the driver's view.
  6. If there is a malfunction or abnormality, such as smoke or strange odor, please stop using the product immediately, then cut off the power supply and contact us.
  7. NEVER install the unit in the place where is exposed to the direct sunlight or extremely high temperature.
  8. Drive safe! NEVER operate the product when you are driving to avoid a traffic accident caused by distraction. Be sure to park your vehicle in a safe place before operating.
  9. This product must be securely mounted before driving.

#### IN THE BOX



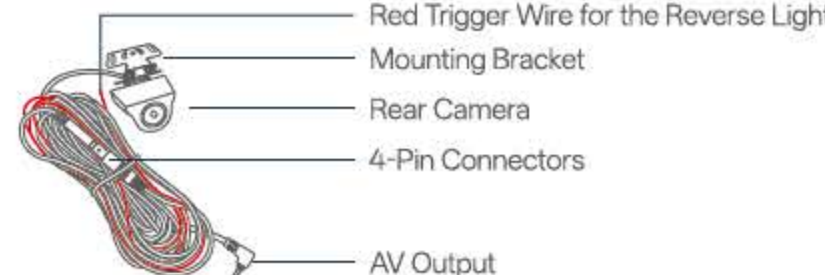
**Warm Tip:**  
1. For vehicles with long bodies like SUVs, trucks, or vans, an extension cord may be required for the rear camera.  
2. To enable the parking mode, an additional hardware kit is needed.  
If you need help with these items or if anything is missing, please contact us at [support@pelsee.com](mailto:support@pelsee.com).

#### KNOW YOUR MIRROR DASH CAMERA



**Tip:** If the device is frozen, insert a pin into the reset hole to do a forced reboot.

#### Rear Camera Kit



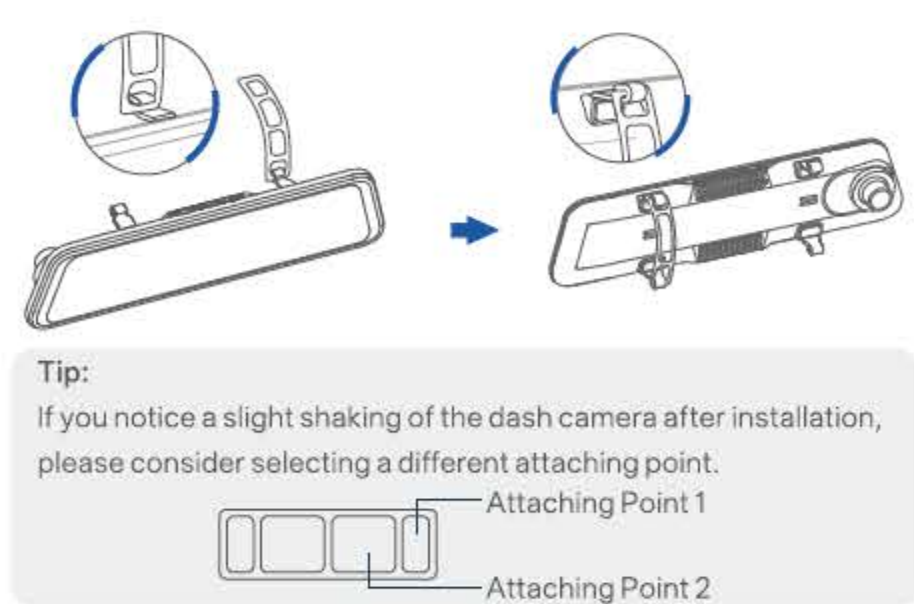
#### INSTALLATION OF MIRROR DASH CAMERA

**IMPORTANT:**  
① For optimal results, we recommend professional installation.  
② Please ensure to turn off the engine of your vehicle before proceeding with the installation.

**Step 1:** Insert the memory card into the dash camera (supports up to 512GB, Class 10 or higher speed card recommended).



**Step 2:** Use the rubber straps to mount the dash camera on your original rearview mirror.



**Tip:** If you notice a slight shaking of the dash camera after installation, please consider selecting a different attaching point.

**Step 3:** Connect the Type-C port of the car charger to the dash camera, then plug the other end of the car charger into the 12V power supply or a cigarette lighter receptacle in your vehicle.

**Tip:** The USB port on the car charger can supply power to your mobile device when it's connecting with the cigarette lighter receptacle.

**Step 4:** Connect the AV Output of the rear camera kit to the mirror dash cam,

then route the cable through the vehicle to the rear part of it.

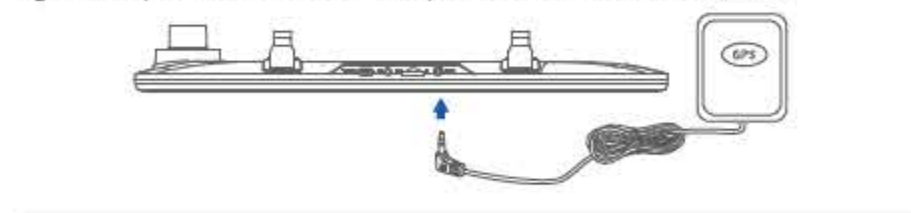
**Step 5:** Set the vehicle in reverse gear, then identify the wire that feeds the **Reverse Light** from the rear light cluster. Tie the **Red Trigger Wire** with the positive terminal of the correct wire. (Please contact us for detailed installation video)

**Step 6:** Install the rear camera at the rear of your vehicle.



**Tip:** When installing the rear camera, first peel off one side of the 3M adhesive pad and stick it to the rear camera bracket. Then peel off the other side and attach the bracket to your desired mounting location. Alternatively you can use screws to secure the rear camera in place.

**Step 7:** Insert the GPS module on the dash camera and stick it in a proper location. We recommend installing the GPS module on the dashboard below the front windshield, with the "GPS" side facing up toward the sky for better signal reception. Do not mount it upside down on the windshield.



**Step 8:** Start the engine to verify if the installation has been done correctly.

#### USE YOUR MIRROR DASH CAMERA

##### 1. Power On/Off

Start the engine to automatically power on the camera, stop the engine to automatically power off the camera.

**Tip:** After powering on, please format the card according to the pop-up window or go to **System Settings > Format** to format the card.

##### 2. Screen On/Off

Shortly press the power button to turn on or turn off the screen manually. Additionally, you can access **System Settings > Auto Screen Off** to set the automatic screen-off duration after a period of inactivity, allowing you to use the dash cam as a regular mirror.

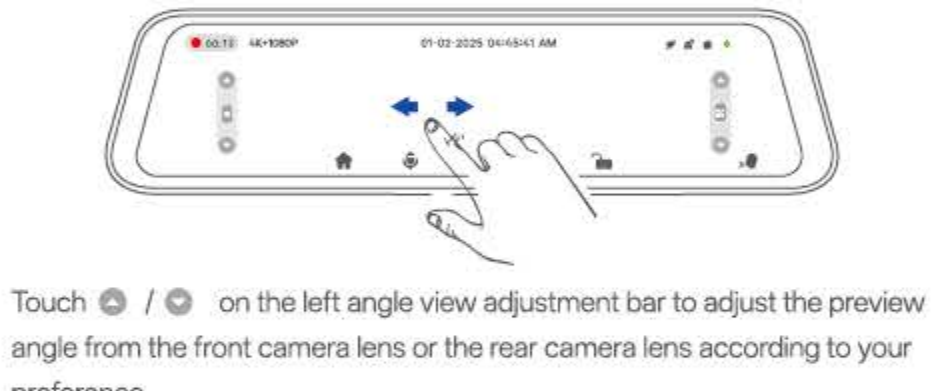
##### 3. Recording Interface

After powering on and card formatting, the camera 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.

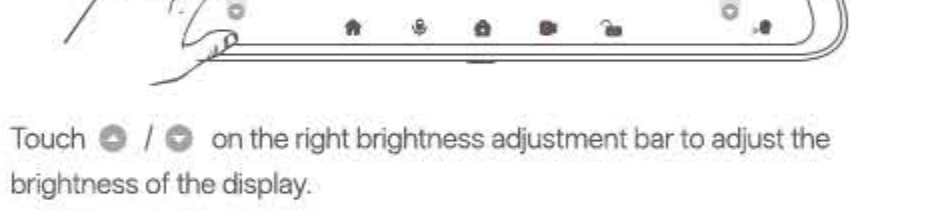


- Recording Standard Video
- Recording Locked Video
- 00:13 Video Length
- 4K/1080P Video Resolution
- Date and Time
- WiFi Status
- G-sensor Status
- Card Status
- GPS Status
- Field of View Adjustment Bar
- Brightness Adjustment Bar
- Voice Control Enabled
- Tap to access the main menu.
- Tap to enable or disable audio recording.
- Tap to capture a photo.

Tap to start or stop video recording.  
Tap to lock the current video during recording.  
**Gestures in the recording interface**  
Slide leftward/rightward on the touch screen to switch among the view from the front camera and the view from the rear camera.

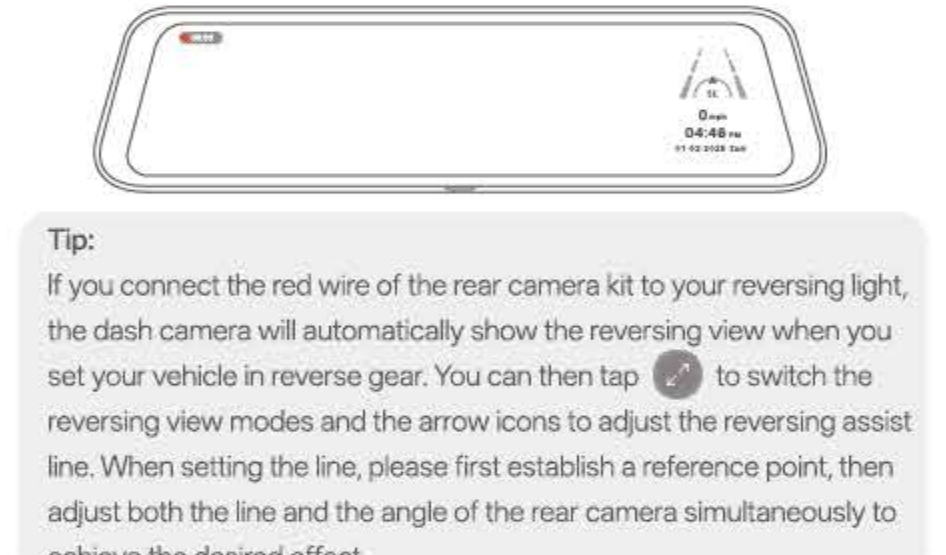


Touch / on the left angle view adjustment bar to adjust the preview angle from the front camera lens or the rear camera lens according to your preference.



Touch on the right brightness adjustment bar to adjust the brightness of the display.

Wait for around 5s after powering on, only the GPS information, date, and time will be displayed on the right of the screen give you a clear view.



**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 switch the reversing view modes and the arrow icons to adjust the reversing assist line. When setting the line, please first establish a reference point, then adjust both the line and the angle of the rear camera simultaneously to achieve the desired effect.

#### 4. Check and Delete Videos and Photos

Tap , then tap **File Explorer** to access the recorded videos and photos.



**Front\_Norm** contains the standard videos recorded by the front camera. **Front\_Err** contains 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 tapping on the recording interface. **Front\_Photo** contains the photos taken by the front camera. **Back\_Norm** contains the videos recorded by the rear camera. **Back\_Err** contains 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 tapping on the recording interface. **Back\_Photo** contains the photos taken by the rear camera. Tap to select files and to bring up the deletion window. Tap to delete files and to lock/unlock window.

**How to transfer the files?**  
**Option 1:** To transfer files, first remove the memory card from the dash camera. Then, connect the memory card to a computer using a card reader (not included).  
**Option 2:** To access your camera files, tap on **Camera File** on the homepage of the **Pelsee Cam App**. From here, you can view all your videos and photos, and choose a file to delete or download.

#### 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. For accurate monitoring, insert the GPS module into the dash cam.  
3. Please do not set the smart driving function when you are driving. Obey the traffic rules and pull over your vehicle before setting.

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

##### 1. ADAS (Advanced Driver-assistance System)

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



① **Calibrate:** Please manually adjust the mirror or rotate the front lens so that the "+" icon aligns precisely with the junction between the road and the horizon.



② **ON/OFF:** Enable or disable the ADAS function.

③ **Setting:** Set detailed parameters for the ADAS function.

**Forward Collision Warning:** If the vehicle gets too close to the vehicle ahead, the dash cam will warn the driver of an impending crash.

**Pedestrian Collision Warning:** If the distance between your vehicle and the pedestrians is too short, the dash cam will warn the driver of a potential collision.

**Lane Departure Warning:** When your vehicle tends to drift toward the left or right lane and one side of your wheel is crossing the line, the dash cam will warn the driver.

**Front Vehicle Starts Warning:** The dash cam will warn the driver when the vehicle ahead begins to drive.

**Alert Sound:** Turn on or turn off the audio alerts when the dash cam warns.

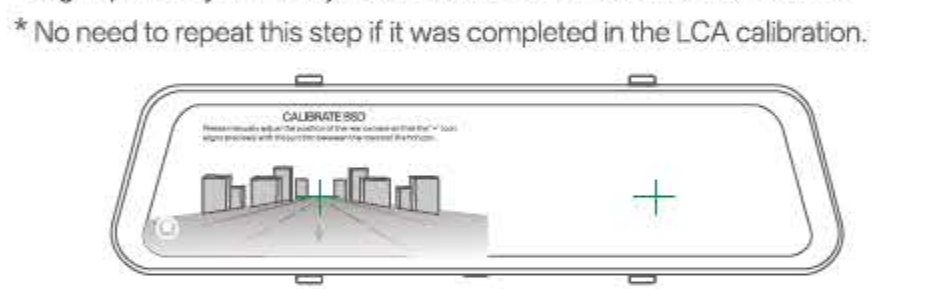
**Alert icon:** Display or hide the alert icons when the dash cam warns.

**2. 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 manually adjust the position of the rear camera so that the "+" icon aligns precisely with the junction between the road and the horizon. \* No need to repeat this step if it was completed in the LCA calibration.



② **ON/OFF:** Enable or disable the BSD function.

③ **Settings:** Set detailed parameters for the BSD function.

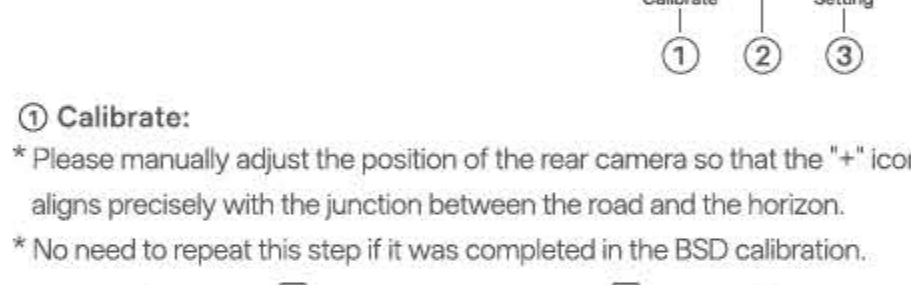
**Rear Collision Warning:** The dash cam will warn the driver if there is a potential risk of collision with the vehicle behind in the same lane.

**Alert Sound:** Turn on or turn off the audio alerts when the dash cam warns.

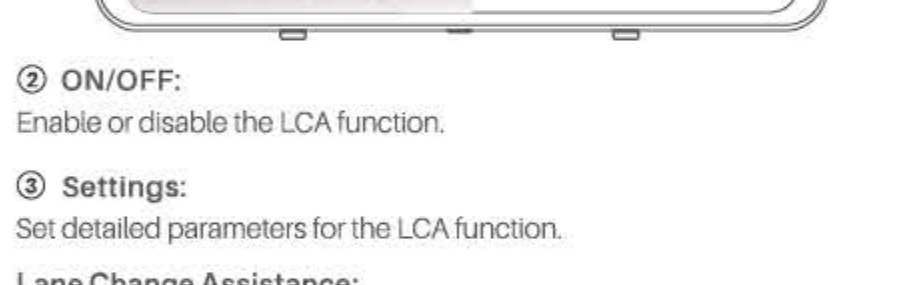
**Alert Zone & Alert icon:** Display or hide the alert zone and the alert icons when the dash cam warns.

##### 3. 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 manually adjust the position of the rear camera so that the "+" icon aligns precisely with the junction between the road and the horizon. \* No need to repeat this step if it was completed in the BSD calibration.



② **ON/OFF:** Enable or disable the LCA function.

③ **Settings:** Set detailed parameters for the LCA function.

**Lane Change Assistance:** While driving, the dash cam will warn the driver when he/she intends to change lanes.

**Alert Sound:** Turn on or turn off the audio alerts when the dash cam warns.

**Alert Zone & Red Flashing Alert:** Display or hide the alert zone and the red flashing alert (on the left or right side of the mirror) when the dash cam warns.

#### CONNECT THE DASH CAM WITH THE APP

**Step 1:** Download and install the **Pelsee Cam App** on your mobile device by scanning the QR code below or searching for **Pelsee Cam on Google Play™/ App Store™**. Alternatively, you can go to **System Settings > WiFi** Information to scan the QR code to download and install the App.



**Step 2:** Ensure that the dash camera is turned on and mobile device is within 5 meters of the camera.

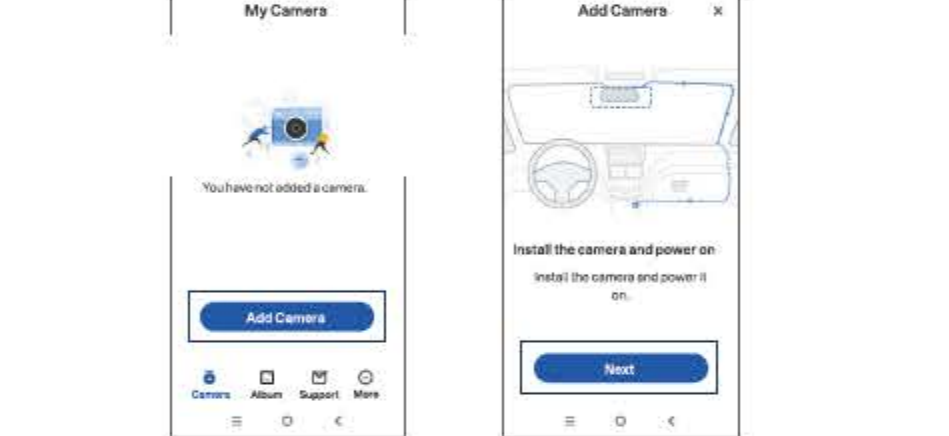
**Step 3:** Navigate to **System Settings > WiFi Information** to turn on the WiFi.



**Tip:** WiFi will automatically turn off when you leave this page.

**Step 4:** Open the **Pelsee Cam App** and grant the necessary permissions, then register an account and log in to the App with your email address.

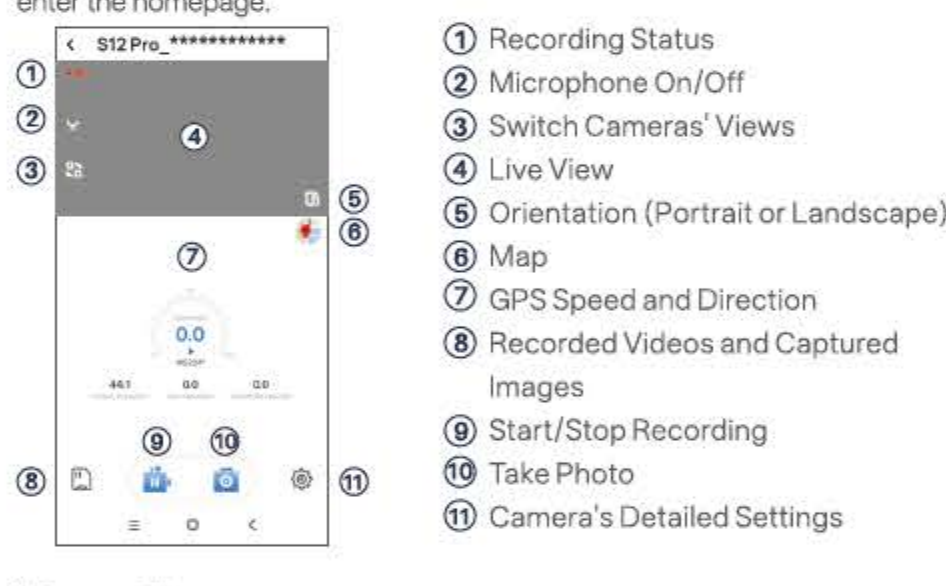
**Step 5:** Tap on **Add Camera** to check the wizard and start connecting.



**Step 6:** Tap on **Connect Wi-Fi** and go to **Settings > WLAN** of your mobile device to search for the **S12Pro-\*\*\*\*\*** WiFi according to the model you purchased). Enter the password **12345678** to complete the connection process.



**Step 7:** Return to the App and wait for the connection. Tap on **Access Camera** to enter the homepage.



**\* Camera File**  
To view and manage your camera files, tap on the icon on the homepage. From here, you can see all your videos and photos, and select a file to delete or download.

① **Loop:** Standard videos from the front and rear cameras  
**Snapshot:** Captured photos from the front and rear cameras  
**Locked:** Locked videos from the front and rear cameras  
F: Videos or photos from the front camera  
R: Videos or Photos from the rear camera

② **Tap Select** on the upper right corner to select the file(s) to download it from into your mobile device or delete the file(s). After downloading the file(s), you can edit or directly share it (them) to social media.

**Important Tips:**  
1. When the camera is connected to WiFi, it cannot be operated directly. To regain control, please switch to another WiFi network, force-stop the app, or move it to the background to disconnect the App first.  
2. While the app is connected, the camera will remain on the WiFi connection page and cannot return to the live view page until the WiFi is disconnected.

#### SETTINGS

##### 1. Camera Settings

Tap and **Camera Settings** to view or modify the camera settings.



① **Video Resolution**  
Change the front camera resolution by selecting one of the following options: 4K, 2.5K or 1080P.

② **Video Length**  
Change the recording time of each video. The choices include 1 Minute, 3 Minutes and 5 Minutes, with the default setting being 1 minute.

③ **Frequency**  
Set the light source frequency of the dash camera between 50 Hz and 60 Hz.

④ **G-sensor**  
Adjust the G-sensor sensitivity for collision detection during driving. You can select from Low, Medium, High and OFF based on your preferences. If you select High (low), the camera would automatically lock the current video when your car encounters a minor (severe) collision. When this occurs, a flashing yellow dot will appear on the upper-left corner, indicating that the camera is locking the current video.

⑤ **Parking Monitor (needs a hardware kit connected)**  
Enabling any sensitivity level activates the parking guard function. Higher sensitivity increases the likelihood of triggering recordings while the car is parked. Selecting **OFF** disables this function. In this mode, the camera will power on and begin recording a 15s locked video, after which it powers off to preserve your car's battery.

⑥ **Time-lapse Recording (needs a hardware kit connected)**  
Selecting any frame rate activates the time-lapse recording function. If you choose 1 FPS, the camera will capture time-lapse videos at 1 frame per second during parking, and the same applies for 2 FPS and 5 FPS. Selecting **OFF** disables this function.

⑦ **Time-lapse Duration (needs a hardware kit connected)**  
Set the recording duration for time-lapse videos. Options include 12H, 24H, 48H and 72H.

⑧ **Audio Recording**  
Turn on/off the sound recording during video recording.

⑨ **Time Stamp**  
Hide or show the date and time on the recorded video and captured photo.

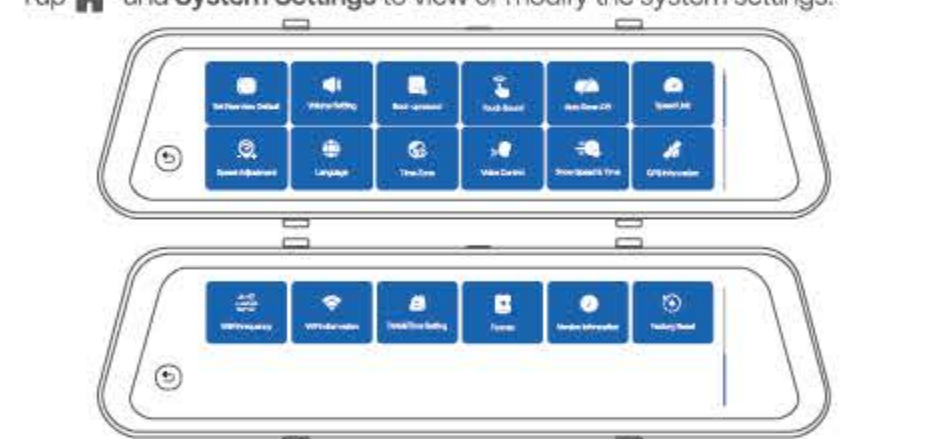
⑩ **Rearview Options**  
Set the preview orientation of the rear camera.

**No Change:** Do not change the current rearview.  
**Mirror:** Mirror the rear camera view between leftward and rightward.

**Flip upside down:** Flip the rear camera view between upward and downward.  
**Mirror&Flip:** Flip the rear camera view between upward and downward, and mirror the rear camera view between leftward and rightward.

#### 2. System Setting

Tap and **System Settings** to view or modify the system settings.



① **Set Rearview Default.**  
If this option is **ON**, the display will show the rear camera's view by default upon engine start. If it's **OFF**, the display will show the same camera's view as before shutdown upon engine start.

② **Volume Setting**  
Turn up or down the volume of the system.

③ **Boot-up Sound**  
Turn on/off the sound when powering on/off the camera.

④ **Touch Sound**  
Turn on/off the sound when tapping on the touch display.

⑤ **Auto Screen Off**  
Set the time to enter sleep mode after a certain period of inactivity. You can choose from **OFF**, 1 Minutes and 3 Minutes.

⑥ **Speed Unit**  
Change the unit of the speed displayed on the screen.

⑦ **Speed Adjustment**  
If the speed indicated on the screen is not highly precise, you have the option to manually fine-tune it here.

⑧ **Language**  
Change the language of the system.

⑨ **Time Zone**  
Choose the correct time zone for accurate on-screen time display.

⑩ **Voice Control**  
Enable or disable the voice control function.

⑪ **Show Speed & Time**  
When you disable this option, the date, time and speed on the recording interface will disappear.

⑫ **GPS Information**  
Check the detailed GPS information here.

⑬ **WiFi Frequency**  
Set the WiFi frequency of the dash cam between 2.4GHz and 5.8GHz.

⑭ **WiFi Information**  
Turn on and turn off the WiFi; get the QR code for downloading the App; check the WiFi name and password of the dash camera.

⑮ **Date & Time Setting**  
Set the date and time, date format and clock format of the dash camera.

⑯ **Format**  
Tap to bring up the option of formatting the memory card.

⑰ **Version Information**  
Check the software version of the camera, may be required when the technical support is needed) and contact information.

⑱ **Factory Reset**  
Tap to bring up the option of restoring the camera to factory settings.

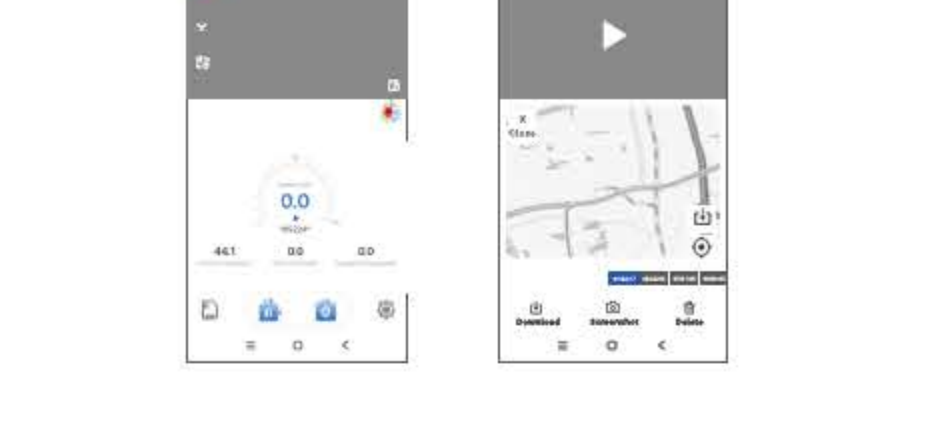
#### VOICE CONTROL

This function is enabled by default and the icon is displayed on the lower right corner of the dash camera. After enabling the **Voice Control** option in the **System Settings**, some functions of this dash camera can be controlled using voice commands. Touch the icon on the recording interface to check the voice commands.

#### CHECK THE GPS DATA

**Step 1:** Open the **Pelsee Cam App** to see the live view. You can also access real-time GPS speed and direction in the lower part of the homepage. Tap the map icon to see the live route (for Android device, please tap the icon to download the offline map first).

**Step 2:** Tap and choose a video to review. You'll also be able to view the detailed GPS route when playing the recorded videos.



#### SPECIFICATIONS

|                           |                     |
|---------------------------|---------------------|
| Resolution (Front Camera) | 4K                  |
| Resolution (Rear Camera)  | 1080P               |
| Video Format              | MP4                 |
| Photo Format              | JPEG                |
| Memory Card               | Support up to 512GB |
| Input                     | 5V/2.5A             |

#### FCC CAUTION

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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:  
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.  
FCC Radiation Exposure Statement:  
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

(1) Appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'empêcher le fonctionnement. L'appareil numérique qu'il ciem conforme canadien peut - 3 (b) / nmb - 3 (b). This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian Information RF exposure and compliance. Cet appareil est conforme à l'exemption des limites d'évaluation courante dans la section 2.5 du cnc - 102 et conformité avec rss 102 de l'exposition aux rf, les utilisateurs peuvent obtenir des données canadiennes sur l'exposition aux champs rf et si est conforme. This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

#### ISED Statement

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:  
(1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.  
The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B). Le présent appareil conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation autorisée aux deux conditions suivantes:

(1) Appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'empêcher le fonctionnement. L'appareil numérique qu'il ciem conforme canadien peut - 3 (