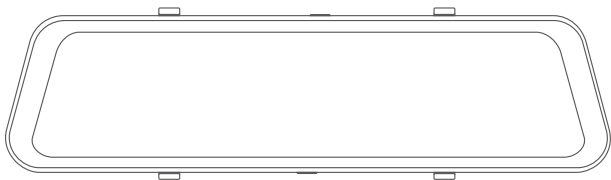




Mirror Dash Camera P12 Pro Max



USER MANUAL

Thank you for choosing our product. If you have any questions,
please contact us at 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

www.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

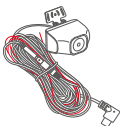
To prevent injury or damage, please read and follow these safety precautions:

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 deployment 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. The operating temperature of this product ranges from -10°C(14°F) to 60°C(140°F).
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



Mirror Dash Camera



Rear Camera Kit



Car Charger



GPS Module



Rubber Strap x4



Adhesive Pad x2



Easy Pry Tool



Memory Card



Screws



Cleaning Cloth



User Manual

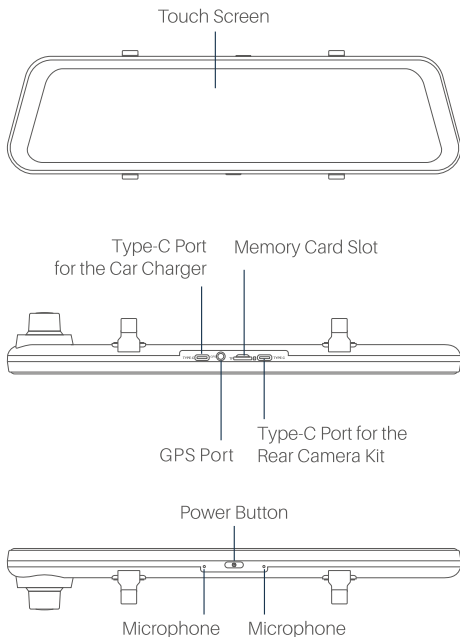
Warm Tips:

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 hardwire kit is needed.

If you need help with these items or if anything is missing, please contact us at **support@pelsee.com**.

KNOW YOUR MIRROR DASH CAMERA

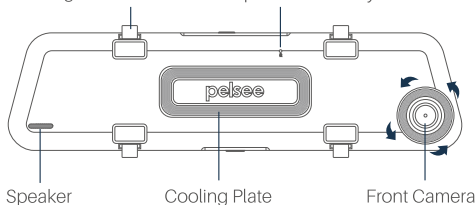
Dash Cam



Tip:

If the device is frozen, press and hold the power button for 10 seconds to force a shutdown.

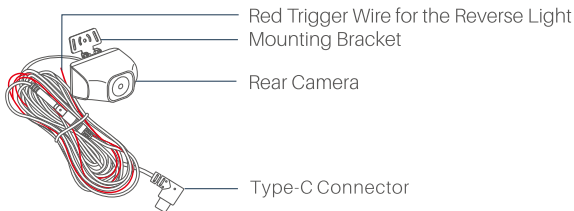
Mounting Bracket For development use only (No functionality)



Caution:

When the dash camera is in operation, the cooling plate may become hot due to heat dissipation. Allow it to cool down before attempting to touch it.

Rear Camera Kit



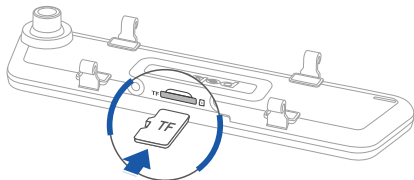
INSTALLATION OF YOUR DASH CAMERA

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.

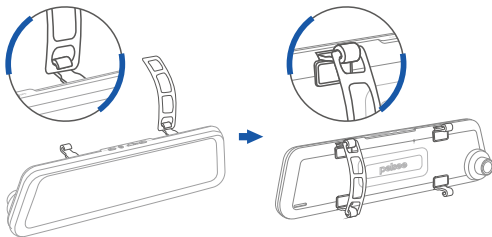
Step 1:

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.



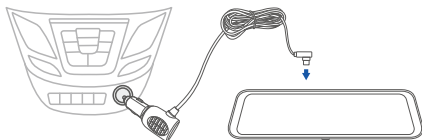
Tip:

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 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:

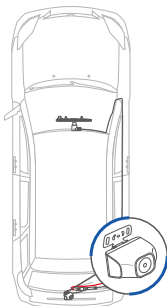
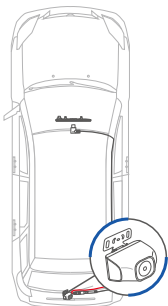
Connect the Type-C connector of the rear camera kit to the dash camera, then route the cable through the vehicle to the rear part of it.

Step 5:

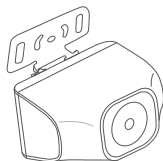
Set the vehicle in reverse gear, then identify the wire that feeds the **Reverse Light** from the rear light cluster. Tie the **Red Trigger Wire** with the positive terminal of the correct wire. (Please contact us for detailed installation video)

Step 6:

Install the rear camera at the rear of your vehicle. Avoid unplugging or reconnecting it while the device is powered on.



Mount the rear camera as shown below to avoid an upside-down rear view on the mirror



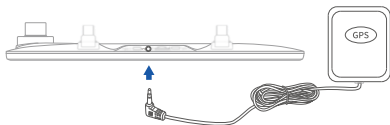
Tip:

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.



Different icons on the screen:

- | | |
|---|--|
|  GPS module not inserted |  Searching for satellites |
|  GPS failure or module error |  Enough satellites found |

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
- GPS Status
- Card Status
- 👁 Field of View Adjustment Bar
- 🗣 Voice Control Enabled
- 00:13 Video Length
- 4K+2.5K Video Resolution
- 01-02-2025 04:46:41 AM Date and Time
- 📶 WiFi Status
- 📶 G-sensor Status
- ☀ Brightness Adjustment Bar

Tap 🏠 to access the main menu.

Tap 🗣 to enable or disable audio recording.

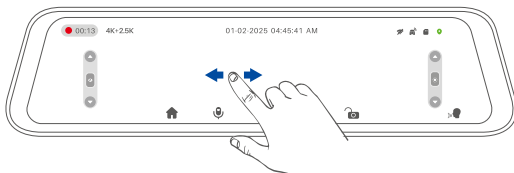
Tap 📷 to capture a photo.

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, the view from the rear camera and the view from both cameras.



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.



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 view modes and  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.

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

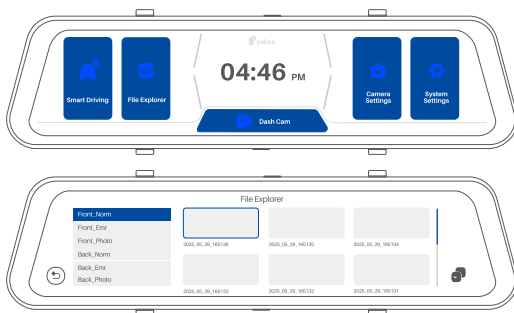


Wait for around 3s after powering on, only the GPS information, date, and time will be displayed on the right of the screen to give you a clear view.



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_Emr 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_Emr 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 , then tap  to select files and  to bring up the deletion window.

Tip: For efficient photo capture, the dash cam pre-creates up to 100 photo file slots (.PreAllocFile_**) on the card. These files are reused automatically and will only be replaced once an actual photo is taken.

* How to transfer the files?

Option 1:

To transfer files, first remove the memory card from the mirror 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, please 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.

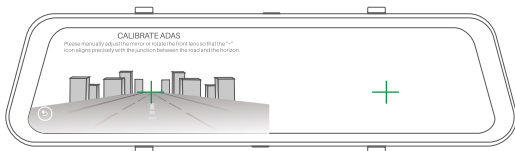
1. ADAS (Advanced Driver-assistance System)

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 Settings:

Set detailed parameters for the ADAS function.

Forward Collision Warning: While driving normally, the dash cam will warn you if there is a potential risk of collision with the vehicle ahead in the same lane. Sensitivity levels can be set to **High**, **Medium** or **Low**, with **OFF** disabling this function. The higher the sensitivity, the greater the likelihood of triggering the warning.

Pedestrian Collision Warning: While driving normally, the dash cam will warn you of a potential collision in the same lane based on the distance between your vehicle and pedestrians. Sensitivity levels can be set to **High**, **Medium** or **Low**, with **OFF** disabling this function. The higher the sensitivity, the greater the likelihood of triggering the warning.

Lane Departure Warning: While driving normally, the dash cam will warn you if your vehicle tends to drift toward the left or right lane and one side of your wheel are crossing the line. Sensitivity levels can be set to **High**, **Medium** or **Low**, with **OFF** disabling this function. The higher the sensitivity, the greater the likelihood of triggering the warning.

Front Vehicle Start Warning: The dash cam will warn you when the vehicle ahead in the same lane starts moving, especially while waiting at a red light. Sensitivity levels can be set to **High, Medium** or **Low**, with **OFF** disabling this function. The higher the sensitivity, the greater the likelihood of triggering the warning.

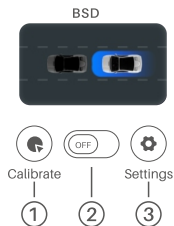
Too Close Distance Warning: When the vehicle in the same lane in front stops and your vehicle slowly approaches it, the dash cam will warn you based on the distance between your vehicle and the vehicle ahead. Sensitivity levels can be set to **High, Medium** or **Low**, with **OFF** disabling this function. The higher the sensitivity, the greater the likelihood of triggering the warning.

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

Color Frame&Alert Icon: Display or hide the alert icons and the color frames when the dash cam warns.

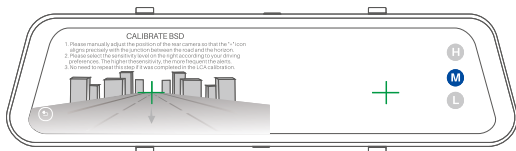
2. BSD (Blind Spot Detection)

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.
- * Please select the sensitivity level on the right according to your driving preferences. The higher the sensitivity, the more frequent the alerts.
- * 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.

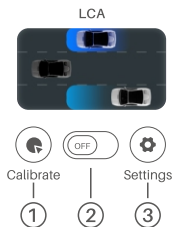
Alert Sound: Turn on or turn off the audio alerts when the dash cam warns.

Speed Threshold: The speed threshold is a speed value that triggers the warning. If the current driving speed detected by the GPS module exceeds the selected value, the warning may be activated. The probability of a rear collision warning is determined by a combination of the sensitivity level and the speed threshold.

Color Frame&Alert Icon: Display or hide the alert icons and the color frames when the dash cam warns.

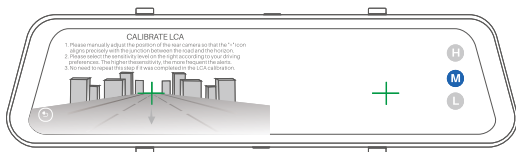
3. LCA (Lane Change Assistance)

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.
- * Please select the sensitivity level on the right according to your driving preferences. The higher the sensitivity, the more frequent the alerts.
- * 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.

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

Speed Threshold: The speed threshold is a speed value that triggers the warning. If the current driving speed detected by the GPS module exceeds the selected value, the warning may be activated. The probability of an overtaking warning is determined by a combination of the sensitivity level and the speed threshold.

Color Frame&Alert Icon: Display or hide the alert icons and the color frames 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.



or



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:

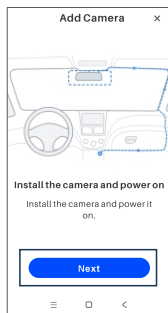
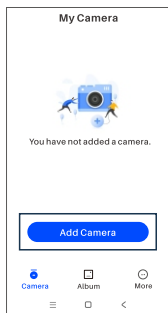
WiFi will automatically turn off when you leave this page.

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.

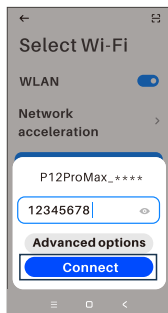
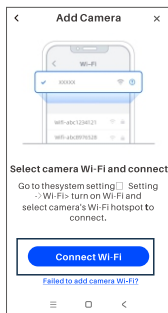
Step 5:

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



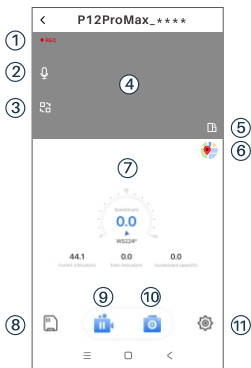
Step 6:

Tap on **Connect WiFi** and go to **Settings > WLAN** of your mobile device to search for the **P12ProMax_****** WiFi. Enter the password **12345678** to complete the connection process.



Step 7:

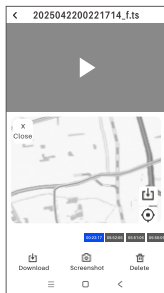
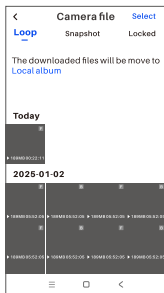
Return to the App and wait for the connection. Tap on **Access Camera** to enter the homepage.



- ① Recording Status
- ② Microphone On/Off
- ③ Switch Cameras' Views
- ④ Live View
- ⑤ Orientation
(Portrait or Landscape)
- ⑥ Map
- ⑦ GPS Speed and Direction
- ⑧ Recorded Videos and
Captured Images
- ⑨ Start/Stop Recording
- ⑩ Take Photo
- ⑪ Camera's Detailed Settings

* 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
B: Videos or Photos from the rear camera
- ② Tap **Select** on the upper right corner to select the file(s) to download it/them 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.

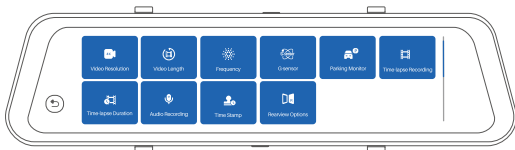
Important Tips:

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 and you manually press the back button to navigate to the live view.

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**, **2 Minutes** and **3 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** as needed 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 hardwire 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 hardwire 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 hardwire 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.

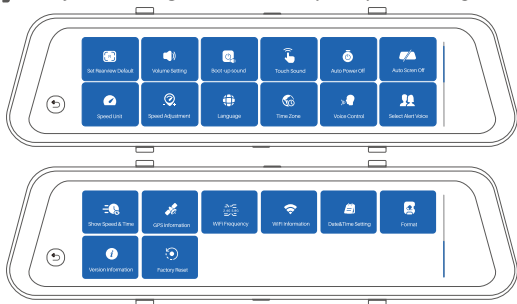
Mirror: Mirror the rear camera view between leftward and rightward.

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 the touch display.

⑤ Auto Power Off

Set the time duration for automatic system power-off when no memory card is inserted in the device. The options are **OFF**, **1 Minutes** and **3 Minutes**.

⑥ 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**.

⑦ Speed Unit

Change the unit of the speed displayed on the screen.

⑧ Speed Adjustment

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

⑨ Language

Change the language of the system.

⑩ Time Zone

Choose the correct time zone for accurate on-screen time display.

⑪ Voice Control

Enable or disable voice control and adjust its sensitivity. If you find the voice control less responsive, you can choose from **High** or **Medium** sensitivity levels. Once you select a sensitivity level an icon will appear on the lower right corner of the dash camera. Simply touch it to check the voice commands.

⑫ Select Alert Voice

You can select the gender of the alert voice according to your preference.

⑬ Show Speed & Time

When you disable this option, the date, time and speed on the recording interface will disappear after a while.

⑭ GPS Information

Check the detailed GPS information here.

⑮ WiFi Frequency

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

⑯ 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.

17 Date & Time Setting

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

18 Format

Tap to bring up the option of formatting the memory card.

19 Version Information

Check the software version of the camera(may be required when the technical support is needed) and contact information.

20 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 selecting the sensitivity level for the **Voice Control** option in the **System Settings**, this dash camera can be controlled using voice commands. Touch the icon on the recording interface to check the voice commands.

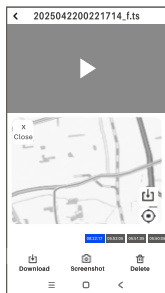
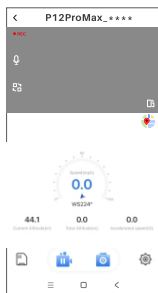
CHECK THE GPS DATA

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)	2.5K
Video Format	MP4
Photo Format	JPG
Memory Card	Support up to 512GB
Input	5V/2.5A
Operating Temperature	-10°C(14°F)-60°C(140°F)
Storing Temperature	-20°C (-4°F) to 70°C (158°F)

FCC CAUTION

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

RF warning for Mobile device:

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.

IC CAUTION

This device complies with Industry Canada licence-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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils

radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'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'en compromettre le fonctionnement.

The device for operation in the band 5 150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems. L'appareil destiné à fonctionner dans la bande 5 150–5250 MHz est uniquement destiné à une utilisation en intérieur afin de réduire le potentiel d'interférences nuisibles aux systèmes mobiles par satellite co-canaux.

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.



The symbol indicates DC voltage



RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment. This product can be used across EU member states.

EU Compliance Statement: Shenzhen Vycol-Glint Innovations Technology co., Ltd hereby declares that this device is in compliance with the essential requirements and other relevant provisions of the Directive 2014/53/EU.



REP Europe GmbH
Address: Prinzenallee 7, 4th floor
40549 Düsseldorf, Germany
E-Mail: info@rep-europe.de



Intercert Global Ltd
Address: 85 Great Portland Street,
First Floor, London, W1W 7LT
E-Mail: info@intercertglobal.co.uk

Manufacturer:

Shenzhen Vycol-Glint Innovations Technology co., Ltd

Address:

23 Haixiu Road, Building 2 Room 1007D, Shenzhen, Guangdong, China 518052

V1.02—NEW