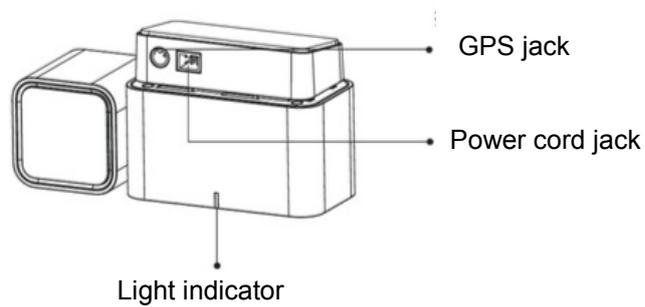
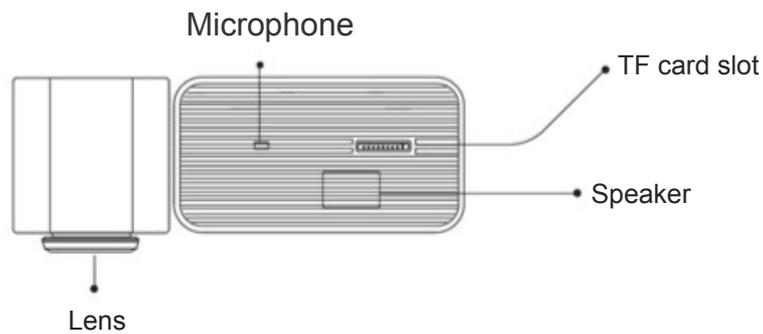


Welcome to use intelligent multi-function warning device
MINIEYE AI anti-collision instrument.

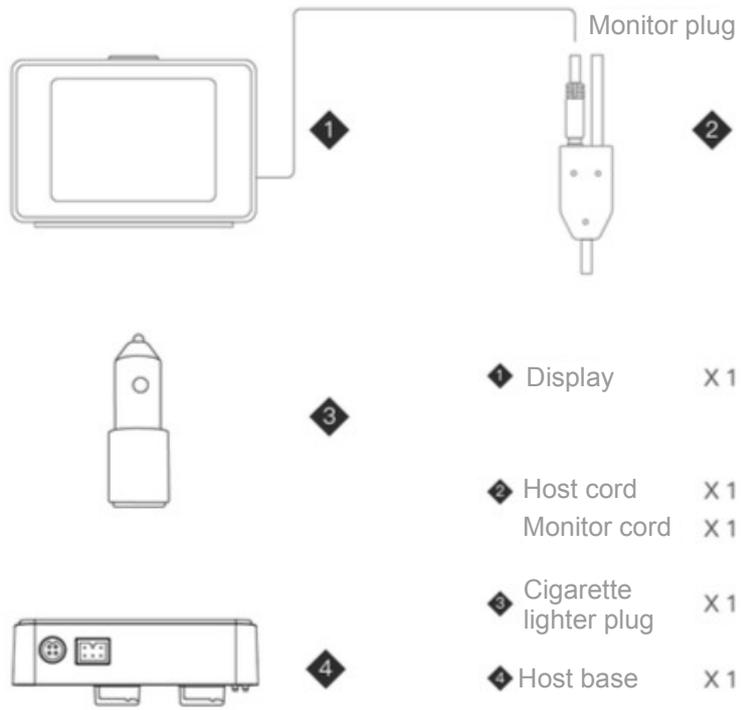
1. The MINIEYE intelligent multifunctional early warning device completes the operation and configuration of the equipment through the mobile phone APP "MINIEYE Anti-collision Assistant".

Product appearance and accessories



Note: Please do not use this jack during this installation. If you subsequently purchase expansion accessories introduced by MINIEYE, please follow the corresponding installation instructions.

Product components



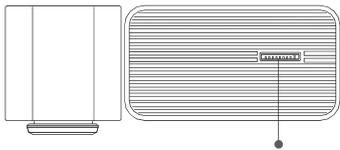
Installation guide

Scan the QR code on the right on WeChat and follow the official account: MINIEYE AI anti-collision device, you can get the product details, the latest welfare activities and other exciting information.

The normal operation of the intelligent multi-function warning device depends on accurate and rigorous installation. Before installing this product, please check the installation guide or video carefully to avoid trouble caused by installation errors.

Step 1

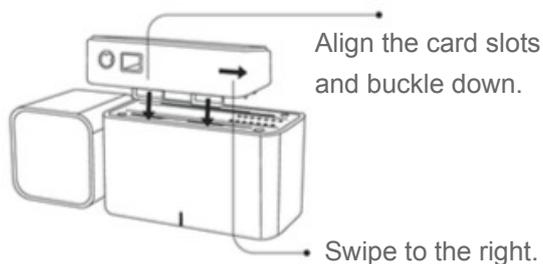
Take out the device host and insert a TF card on the front of the host.



Insert TF card here

Step 2

Insert the base of the main unit into the corresponding slot on the top of the main unit, buckle down and slide it to the right until the base is completely centered and cannot slide further, indicating that the two have been combined in place.



Step 3

Paste the included water level to the indicated position of the base.



Step 4

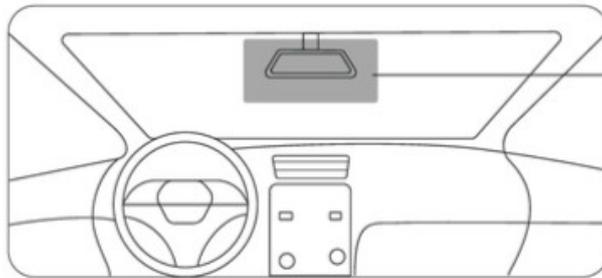
To ensure the optimal effect of the function algorithm, please confirm the following installation conditions.

1. There is no obstruction in front of and around the camera (such as rearview mirror box cover or plating), and the wiper can cover the area for cleaning.
2. Choose to install as close to the center of the top of the windshield as possible, and pay attention to the top of the base to reserve enough space for the cable outlet.
3. The windshield at the installation location must be kept clean and dry.

Paste the electrostatic sticker: take out the electrostatic sticker in the packing box and peel off the release film, and paste it on the front glass in the recommended host installation area as shown in the figure below. Please pay attention to the gap between the electrostatic sticker and the glass when pasting. Air bubbles are squeezed clean.

Install the host: adjust the equipment to ensure that the host base is level (refer to whether the bubble of the level meter is in the center), after confirming the position and direction, remove the outer release paper of the 3M glue on the host base, paste the product on the electrostatic sticker and apply force.

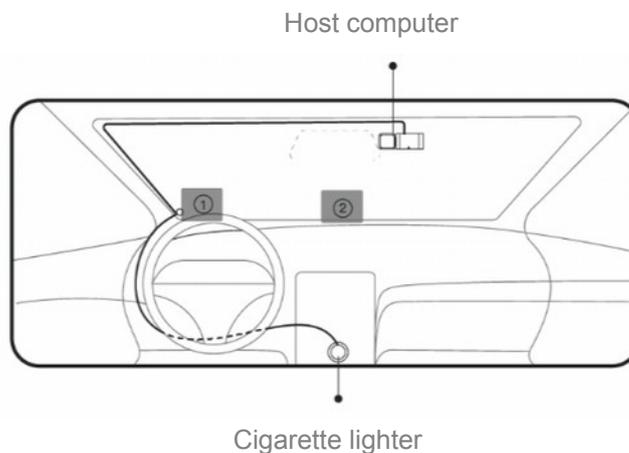
Press to make it stable, and you can remove the level after the paste is completed.



Step 5

The recommended placement position of the monitor is shown in ① and ②, with high-quality 3M glue to ensure a stable state during normal driving.

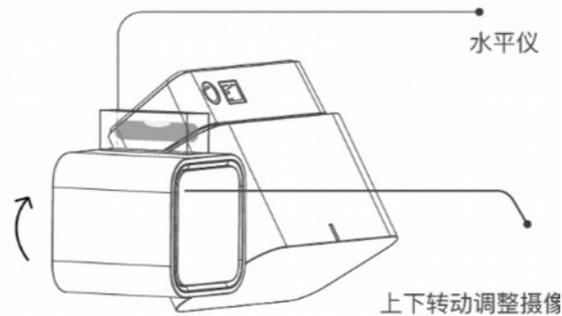
If the display is placed at position ①, please route the cables on the left side of the driver as shown in the figure; if the monitor is placed at position ②, the left and right cables can be routed.



It is recommended to install the monitor in the position ① or ② in the figure.

Step 6

Please turn the host camera up and down to face the front horizontally (can be confirmed with the aid of a spirit level).



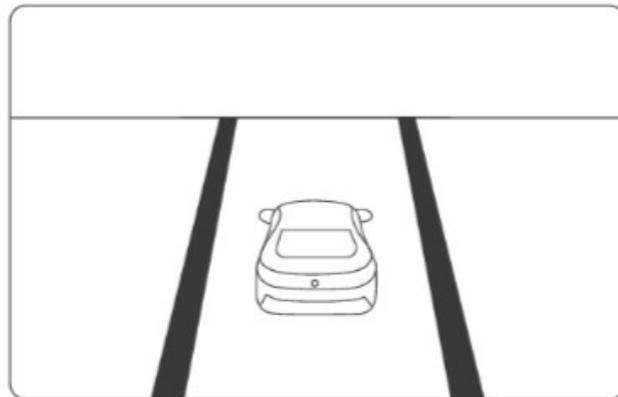
Step 7

Start the car, the product will automatically turn on, and a power-on prompt sound will be issued, and the continuous video storage will begin. Please use the mobile APP to complete the screen adjustment and personalized configuration.

Reminder: If you purchase a parking monitoring cable separately, please refer to the installation guide in the parking monitoring cable package to install.

Activate the anti-collision function

- ◆ 1. In order to ensure the smooth activation of the anti-collision function, please drive your car to a level ground and stand still (it is forbidden to park on ramps and sloping roads).



- ◆ 2. Authorized connection

1. After the device is lit, add an intelligent multi-function warning device through the APP "device" - "+".

2. In the Wi-Fi list, select the Wi-Fi named "MINIEYE - device ID" to connect, and the default password is 1234567890 (the device ID can be viewed at the bottom of the box).

3. If an Android phone pops up a prompt box asking whether to continue using the wireless network, please select "Continue".

- ◆ 3. After the connection is successful, please authorize Wi-Fi through the button on the top of the display to ensure communication security.

APP activation

1. The width of different car models will affect the AI anti-collision algorithm's prediction of all collision risks. Please select your car type (for more accurate model selection, please optimize through the "anti-collision setting").

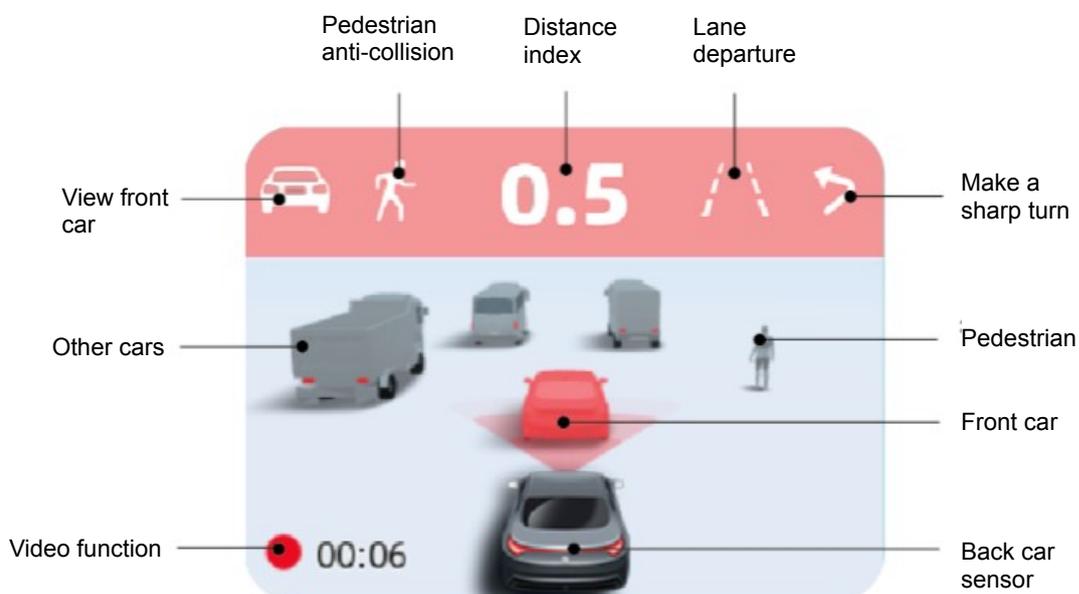
2. The horizontal distance between the camera and the central axis of the windshield determines the accuracy of the AI anti-collision algorithm to construct the ground model. Please use the scale line at the bottom of this manual for rough measurement.

3. The APP provides a real-time picture adjustment preview, you can confirm according to the relevant operating instructions, and the anti-collision function will be activated after completion.

Important note: If the reflective and white items (such as paper towels, decorations) are placed on the center console, they may interfere with the algorithm in many driving scenarios and affect your normal use. Please avoid them.

3D Road conditions

After the anti-collision function is activated, data collection of a specific road environment is required to complete more accurate adjustment calculations. You can maintain a vehicle speed above 25km/h on a level road with clear lane lines, and drive 1-3 without changing the road. Minutes; or wait for the adjustment to be completed in the subsequent normal driving. After the precise adjustment is completed, the prompt at the bottom right of the display (3D road conditions) will disappear.



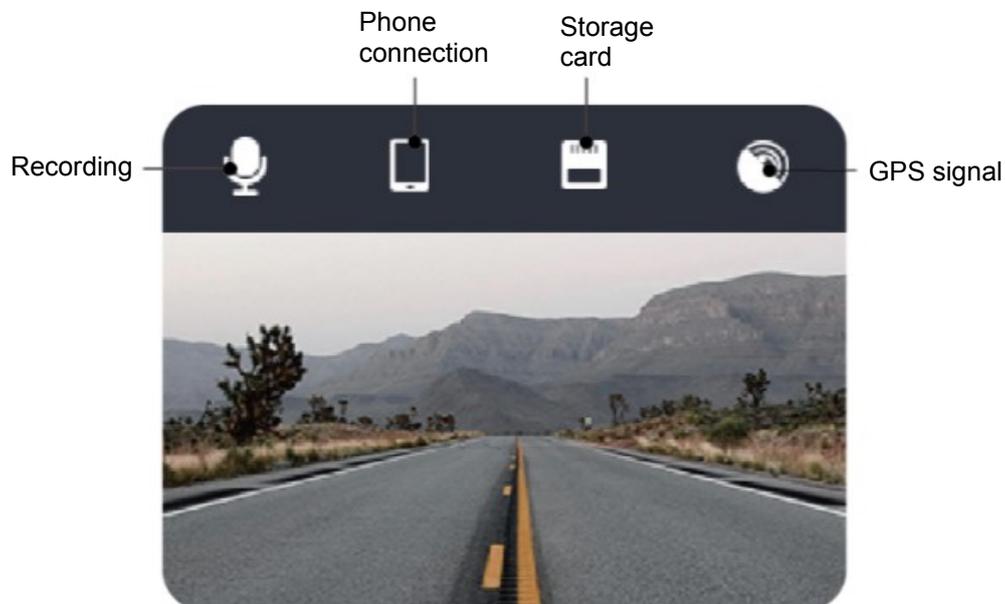
Remarks

1. Safe distance index: a second-level time index obtained by measuring the absolute distance between the vehicle and the preceding vehicle and the speed of the vehicle. The smaller the number, the higher the risk of collision.

2. Display screen: According to the AI algorithm function upgrade, the display content will be updated from time to time, please refer to the actual display.
Real-time traffic

Real-time traffic

In normal use, you can double-click the button on the top of the display to switch the 3D road condition to a real-time image. At the same time, you can view the current recording, mobile phone connection, memory card, and GPS signal status on the top of the real-time image.

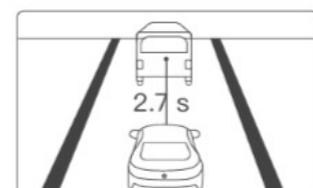


Anti-collision function setting

You can enter to set various parameters of the anti-collision function through the "device homepage" and "anti-collision settings".

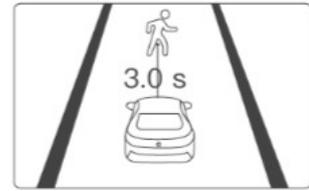
- ◆ Anti-collision of the vehicle ahead & slow anti-collision

Ensure that the vehicle and the vehicle in front maintain a safe distance in all scenarios.



- ◆ Prevent pedestrian from collision

Ensure constant monitoring of dangerous urban targets such as pedestrians, bicycles, and electric vehicles.



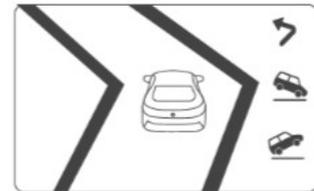
- ◆ Lane departure

Prompt dangerous lane change behavior at high speed



- ◆ Sharp turns/sudden braking/sudden acceleration

Judge and identify dangerous driving habits



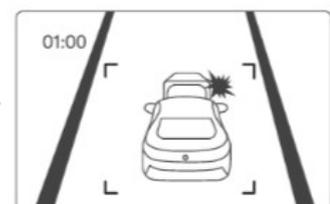
- ◆ Start the car in front

Provide start reminder service when waiting for congestion



- ◆ Make collision sensitive

Accurate sensing and recording of emergency collision scenes



Reminder: In order to obtain a more accurate and safe driving experience, you can further improve the model data, reset the installation distance parameters, or re-adjust the picture when the lens shift is too large.

Video preview/playback/sharing

After the anti-collision function is set, the APP automatically enters the main interface of the device, and you can preview the current screen in real time, view the previous 2 hours playback screen, or enter the album to view all driving record videos.

You can also use voice "I want to take a picture", "I want to record", or click the on-screen button to record a small video to complete the classified storage of multimedia files.

Warm reminder: The corresponding files saved in the device can be viewed, downloaded, and shared through the "device homepage"- "device album".

Safety notice

Before using the intelligent multi-function warning device, please read the following safety instructions carefully and take corresponding safety precautions. When you install the intelligent multi-function warning device on the car, it means that you are aware of the following conditions and agree to use this product in accordance with the instructions.

1. The MINIEYE intelligent multi-function early warning device is an advanced driving assistance system (ADAS) that can provide the driver with warnings in certain potentially dangerous situations, but it is not an automatic driving system and cannot replace the driver's response under any circumstances. The vehicle makes a control operation. Drivers must stay awake and cautious at all times, strictly abide by traffic rules and regulations, and ensure driving safety by themselves. Even when looking at the display or pressing a button on the monitor, you must focus all your attention on driving.
2. The MINIEYE intelligent multi-function early warning instrument uses the world's leading computer vision and deep learning technology, but it does not guarantee the complete and accurate identification of vehicles, pedestrians, lane lines or other traffic elements, and does not guarantee the provision of complete and accurate visual or sound warnings.
3. Foreign objects on the surface of the car windshield and camera (for example: stains, oil stains, water stains, dust, fingerprints, etc.) may cause some functions of the MINIEYE intelligent multi-function warning device to fail. Please keep the windshield and the surface of the camera clean and dry to ensure a clear view of the camera. Do not touch or play with the camera at will.
4. Self-luminous/strongly reflective/high-brightness items (such as white paper, plastic bags, metal/ceramic/glass products, etc.) placed on the center console of the car may form reflective images on the windshield and interfere with machine vision. As a result, part of the functions of the MINIEYE intelligent multi-function early warning instrument failed.

5. Some severe weather may cause some functions of the MINIEYE intelligent multi-function warning device to fail, including but not limited to: rain, snow, fog, haze, sand, typhoon, tornado, extreme cold, extreme heat.

6. Some poor lighting conditions may cause some functions of the MINIEYE intelligent multi-function early warning device to fail, including but not limited to: backlighting, tunnels, culverts, woods and other under-illuminated scenes; the camera is subject to high beams, spotlights, lasers, flames, explosions, etc. In the case of strong light.

7. Some poor road conditions may affect the intelligent adjustment and lane departure warning functions of the MINIEYE intelligent multi-function warning instrument, including but not limited to: lane markings that do not meet the standards, severely worn lane markings, and soil/snow/ Lane signs covered by foreign objects such as stagnant water.

8. Some vehicles with special shapes may not be accurately recognized by the MINIEYE intelligent multi-function warning device, including but not limited to: military vehicles, antique vehicles, exotic vehicles, exotic painted vehicles, special engineering vehicles, trailers with special items, and passing through vehicle.

9. Some people with special postures or special clothes may not be accurately recognized by the MINIEYE intelligent multi-function warning device, including but not limited to: people wearing camouflage uniforms and other low visibility clothing, people in special postures such as squatting/kneeling/lying , People who are doing sports activities such as dance/martial arts/gymnastics/yoga, people who are riding horses or riding in special vehicles such as carriages.

10. Unidentified objects that suddenly appear in the field of vision may cause some functions of the MINIEYE intelligent multi-function early warning device to fail for a short time, including but not limited to: balloons, drones, flying toys, ball sports, high-altitude throwing objects, and floating garbage.

11. Through the AI anti-collision algorithm version upgrade, the function failure rate of the above special scenes will continue to decrease, please refer to the actual experience.

Precautions

1. Any loss caused by malfunction, loss of information, or improper operation of the product has nothing to do with our company.
2. Due to differences in vehicle conditions, driving styles, driving environment, etc., some functions may not work properly, and product functions may fail due to power failure, abnormal temperature, collision, and storage damage.
3. Please pay attention to driving safety. The installation location of the equipment does not block the driver's sight or affect the airbag settings. Please do not debug the equipment or perform APP operations during driving.
4. This product supports 128G class10 high-speed cards with the maximum capacity. Please be sure to cut off the power before inserting and removing the memory card; Please use the high-quality memory card purchased through regular channels. Any loss due to the quality of the memory card has nothing to do with our company.
5. The normal working temperature range of this product is $-20^{\circ}\text{C}\sim 70^{\circ}\text{C}$. It is forbidden to use it in a high or low temperature environment. Do not touch the main unit of the device in a high temperature environment.
6. Please do not modify this product by yourself. Please use the car charger, power cord and other accessories that are equipped with this product to avoid damage to the equipment or explosion or fire.
7. If the battery is deformed, swelled, or leaked, please do not continue to use this product.
8. Please use this product within the scope permitted by law.

MINIEYE