

User Manual

10.88 inch 3-Channel Mirror Dash Camera



Please read this manual thoroughly before operating the device,
and keep it for future reference.

V1.1

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Security Notice (important)

Here below are the statements that must be followed to prevent personal injury to users and other people and property damage.

- **Types of possible personal injury and property damage caused by incorrect use.**

DANGER	It shows the imminent danger of death or serious injury to a person.
WARNING	It shows the contents that may cause death or serious injury to a person.
NOTICE	It shows the content that is expected to cause injury to humans and the content that is expected to cause only property damage.

- **Types of content that you must notice.**

	NOTICE (Things you must pay attention)
	PROHIBITED (Things that are forbidden)
	NOTE (Things must be done)

● Disclaimer


Please note that we are not responsible for any damage or loss caused by incorrect using of this product, or malfunctions that occur during use.

● Infringement

The video/audio files recorded by this product cannot be used without the permission of the rights owner, except for personal use.

About the built-in battery (Built in or not according to model)

DANGER

	<p>When you are using product with battery. You need to obey the rules blow:</p> <ul style="list-style-type: none">● Please do not modify or disassemble the product.● Do not heat or put the product into fire.● Do not put the product long-termly under scorching sun or high temperature environment <p>These behaviors may cause fire disaster and personal injury.</p>
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When you need dispose built-in battery components.

You need to obey the rules below:

- Do not throw the battery in to fire or water or heat it.
- Do not put the battery under the scorching sun.
- Attach insulating tape to the battery connector.

These behaviors may cause fire, explosion, battery liquid leak, personal injury.

WARNING



When you need dispose built-in battery components.



You also need to pay attention that:

- It is not reachable for a child.
- Seek help from a doctor if the battery liquid contacts one's eyes.

To avoid personal injury.

When you install this product:

WARNING

	<p>Please do not install this product on vehicles that does not fit DC12V/24V (with earth wire) electronic facility. If you connect this product with power port that is not DC12V/24V, it may cause fire and other functional failure.</p> <p>Do not install and wire in a location that blocks the operation of the airbag. This may cause airbag malfunction and lead to fatal accident.</p> <p>Never use bolts or nuts for car safety parts (steering, brakes, tanks, etc.) This may cause traffic accident.</p> <p>Do not install in places that obstruct visibility or driving, or that may cause danger to passengers.</p>
	<p>We recommend you ask help from the professional for installation and wiring. Incorrect installation or wiring can cause serious damage to the car and cause a traffic accident.</p>

Please refer to this manual and install it correctly.

Before installation, please confirm the position of pipes, tanks, and wiring of vehicle electrical facilities.

Be careful not to interfere with pipes, tanks, electrical wiring, etc., if you need to screw a hole for installation.

Be sure to use the package included parts or recommended parts.

Other parts may cause accidents, breakdowns, fires.

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If it wraps around the steering wheel, shift lever, brake pedal, etc., it may cause a traffic accident.



When wiring, make sure that the cord does not get caught in moving parts such as the car body and seat route.

Wire so that the cord does not get caught in moving parts such as the car body and seat root.

Make sure to insulate the uncovered part of the cord with tape etc.

Before installation, please connect all the parts of this product and power on to check whether it works properly.

This makes you easier to request a refund or free replacement if you find defect or malfunction of this product.

Keep small parts such as screws and memory cards out of the reach of children or babies.

If babies swallowed these parts, please seek help from a doctor immediately!

Please use the cigar plug power cord included in the package.

Make sure the power plug is well connected.

If not, it may cause product failure, fire, and electric shock.

When pulling out the cigar plug, please hold the plastic part and pull it out.

If not, it may cause product failure and electric shock.

Please unplug the product if not in use for a long time.

Depending on the vehicle model, the cigar lighter may not power down even if the engine is turned off. It may cause fire disaster or reduce battery life.





Please clear the cigar plug periodically.

If there is dust on it, it may cause product failure.

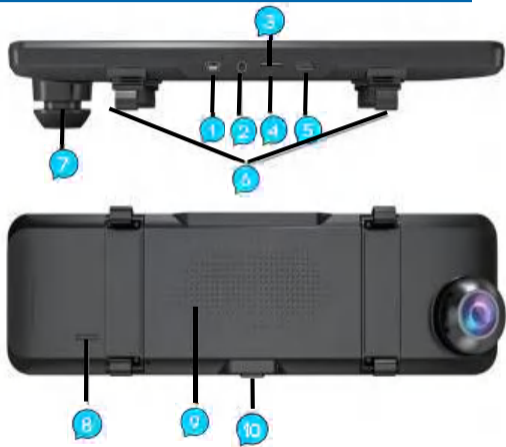
Do not insert or remove the cigar plug with wet hands.

This may lead to electric shock or product failure.

NOTICE

	<p>Do not install in places exposed to water or places with high humidity, dust, or oily smoke.</p> <p>Do not block the ventilation holes or heat sinks of the product. Heat may be trapped inside the device, causing a fire or malfunction.</p>
	<p>Be careful with the cord. Do not damage the cord, pull it forcibly, bend it, twist it, process it, place heavy objects on it, or bring it close to thermal equipment. This behavior may cause disconnection or short circuit and lead to fire, electric shock, or other accident.</p>
	<p>Do not modify or dismantling this product. Do not modify or dismantling this product without the permission of manufacturer or seller, this behavior may cause product failure and electric shock, fire, and other accident</p>
	<p>Do not allow liquid or foreign matter to get inside the machine. If metal, flammable materials, liquids, etc. Enter, it may cause product failure, smoke, fire or electric shock.</p>

About the product



① Rear Camera Port

② GPS Port

③ Card Slot

④ Reset Button

⑤ Two-in-one Power Cable Port

⑥ Fastening Buckle

⑦ Front Camera

⑧ Microphone Hole

⑨ Air Ventilator

⑩ Power Button

Settings



① Brightness Adjusting

② Clock

③ Menu

④ Play Video

⑤ Start/End Recording

⑥ Switch Camera

⑦ Take Picture

⑧ Lock Video

⑨ Recording

⑩ Audio Recording Status

⑪ Memory Card Status

⑫ GPS Connecting Status

⑬ Key Button Status

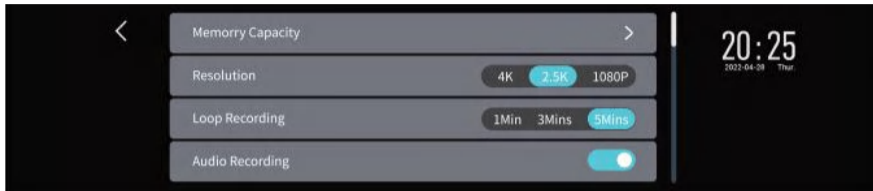
Notice: You need to pause recording before entering settings.

■ Adjust Brightness

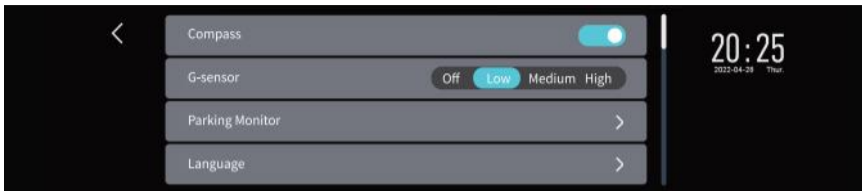
Touch the pointed area first, a scrollbar will come out, then slide to left or right (+/-) to adjust the brightness.



■ Menu



- Memory Capacity: The rest memory capacity is shown here.
- Resolution: Choose shooting resolution between 4K/2.5K/1080P.
- Loop Recording: Choose the length of video shot by loop recording between 1Min/2Mins/3Mins.
- Audio Recording: Turn ON/OFF sound recording function according to favor.



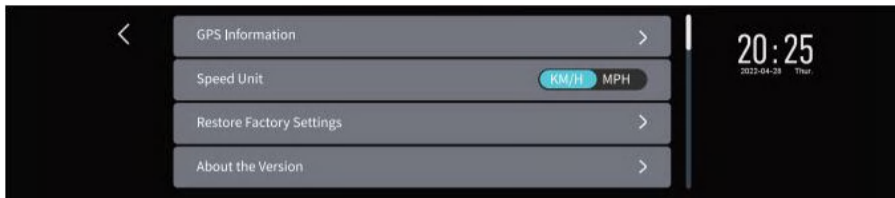
- Compass: Show the direct that your car towards after GPS connected.
- G-sensor: Set the G-sensor Sensitivity between Low/Medium/High. Please note that if the G-sensor is turned off, the Parking Monitor will not work.
- Parking Monitor: Click this option to access the setting of parking monitor.
 - Parking Mode: Turn ON/OFF this function.
 - Sensitivity: Set the sensitivity of Parking Monitor according to favor.
 - Time-lapse Recording: Set the interval (OFF/0.5s/1s/5s) for time-lapse to take photo, the photo will be combined into a video.
 - Time-lapse Time Set the time you want it to keep recording between OFF/24H/12H.
- Language: Choose language according to favor.



- **Screen Saver:** Set screen saver mode between these modes below.
 - Always On: The screen will not turn off.
 - Automatically Shut-down: The screen will automatically turn of after 1 minute without operation. The recording is still running at background.
 - Screen Savor Mode: The screen will automatically turn off after 1 minute without operation and only show the car's driving direction and clock. The recording is still running at background.
- **Volume:** Set the volume of operating this product between Off/ Low/ Medium/ High.
- **Brightness Setting:** Set the brightness of display between Low/Medium/High.
- **Screen Display:** Set the view you want it to display after power on.
 - Front: Automatically display front view.
 - Middle: Automatically display inner view.
 - Rear: Automatically display rear view.
 - Both front and rear: Automatically display both front and rear view.



- Reverse Line: Turn ON/OFF the function of automatically switching to rear view when reverse your car. Please note, to use this function, you need to connect the red wire branched from the rear camera cable to the positive pole of reversing LED light.
- Mirroring Rear View: Turn ON/OFF this function to horizontally flip rear camera image.
- Vertical Flip Rear View: Turn ON/OFF this function to vertically flip rear camera image. Combine these two functions, you can install the rear camera upside down.
- Date and Time: Set date and clock.













- GPS Information: View the GPS connecting status.
- Speed Unit: Set speed unit between KM/H or MPH
- Restore Factory Settings: Choose this option to restore all the settings back to factory settings.
- About the Version: View the version information.

Specification

Recording Format	TS	Item Name	Stream Media Mirror Dash Camera
Photo Format	JPG	Car Charger	Input 12-24V DC, Output Type-C 5V/3A; Cable length: 11.5ft/3.5m
TF Card	Supports 32GB~256GB u1 card (a 64GB card is included)	Screen Size	10.88-inch IPS Touch Screen
Storage Temperature	-22°F~176°F	Display Resolution	1920x480P
Working Environment Temperature	-13°F~167°F	Recording Resolution	Front Camera: 3840x2160P
Rearview Camera	1080P, 170° wide viewing angle, 92°vertical angle; Cable length: 24.6ft/7.5m in total		Inside Camera: 1920x1080P
Waterproof rating of rearview camera	IP69K Waterproof		Rear Camera: 1920x 1080P
Item Dimension	10.88*2.87*0.66 inch	Lens	Front Camera: 170°
			Inside Camera: 130°
			Rearview Camera: 170°

Package Contents

 <p>Mirror Dash Cam-3 Channel *1</p>	 <p>Rear Camera *1 (1.64ft/0.5m in total)</p>	 <p>Rear Camera Extension Cable (22.96ft/7m) *1</p>	 <p>GPS Antenna *1</p>
<p>(Power + Inner Camera) *1</p>  <p>Two-in-One Power Cable *1</p>	 <p>Card *1</p>	 <p>Accessories Package *1</p>	 <p>Rubber Straps *2 Pairs</p>
 <p>Cleaning Cloth *1</p>	 <p>User Manual *1</p>		

Installation

■ Insert card first

- Before you connect camera, please firstly insert the card. Facing the metal side of card to the backside of dash camera and insert it to the card slot until you hear a click. Be careful that if you insert it wrong side, the slot may be damaged.



■ NOTICE


- Before you install this product to your vehicle, please firstly connect the camera and GPS antenna, try to star power to check whether these parts work well, this will make you easier to request a free replacement or refund if you find any problem of this product.
- Please make sure to have connected all cameras and wires before starting power of this product, otherwise, the camera may not work properly if you connect them after starting power.

■ About the card

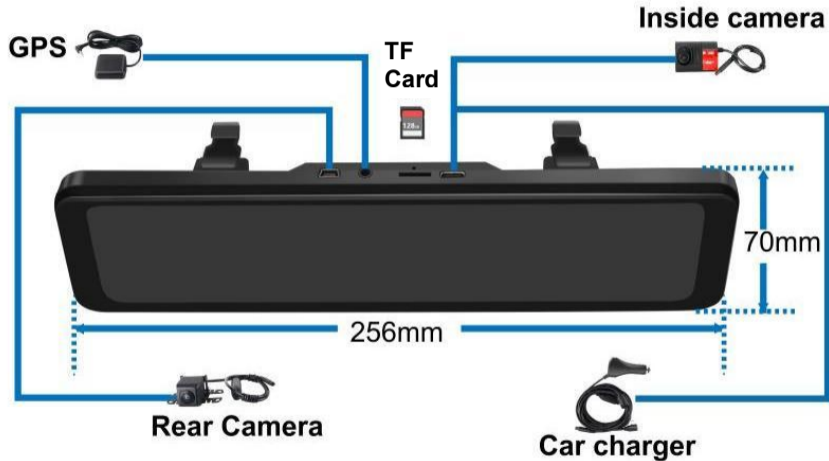
Notice:

- Use the edge of a small coin (or similar object) to push the memory card into slot if required. Take care that the card has clicked into slot, a second push inwards will release the memory card.
- Do not remove or insert the memory card when the Mirror Dash Cam is turned on. This may damage the memory card.
- Take care when removing the card from the Mirror Dash Cam when it is installed in the vehicle. Due to the card slot mechanism, the card will spring from the slot when released.
- Periodically reformat the memory card. Every 2-3 weeks we recommend that you reformat the memory card. This will wipe any files from the card and set it up afresh for continued use

with your Mirror Dash
Cam.

- Of course, you should only do this after you've downloaded any files from the card that you may want to keep, as formatting the card will remove all content.
- Format your memory card using the Mirror Dash Cam. This will make sure that the card is structured specifically for your camera.
- Press  to enter the setting and choose the Format Card option to follow the on-screen instructions accordingly.

■ Connecting Parts



■ Installing the mirror dash cam (MDC)

Note

- Before installation, check whether there are all the accessories (see P17) in the box.
- Choose a suitable location and method to install the interior camera and rear camera and estimate whether the rear camera extension cable is long enough for your vehicle.

Step 1:

Attach the Mirror Dash Cam (MDC) to the vehicle's original rear-view mirror with rubber mounting strap.

Step 2:

With the vehicle's engine turning off, connect the car charger to the vehicle's cigarette lighter and the other side of the charger to the power input of the MDC.



Step 3:

Start the vehicle's engine. If installed correctly, the MDC will be turned on automatically and start to record with the record indicator flashing. In rare case, if the display screen is upside down, contact us for technical support.



Step 4:

Extend the straps around the back of the rear-view mirror and attach them to the bottom retaining hooks.

Note

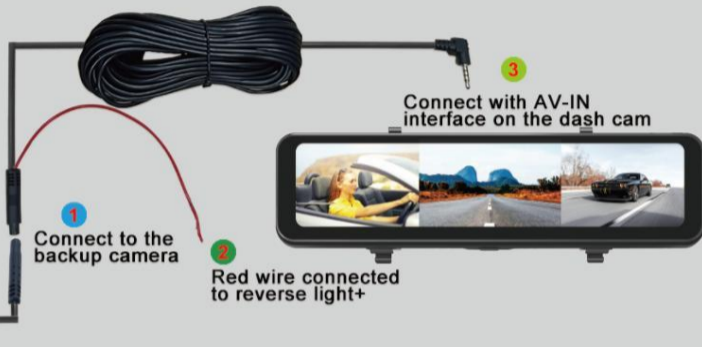
- A memory card is needed to record video. In this model, a 64GB MicroSD card is included, and has been inserted into the MicroSD card slot.
- Other MicroSD card (class 10 or higher) can be used if its capacity is between 32GB and 256GB, inclusive.

■ Installing the interior camera

- (1) With the MDC turning off, connect the interior camera to the MDC.
- (2) Turn on the MDC and choose to view the interior camera on the LCD of MDC.
- (3) Place the interior camera on the windshield to find a suitable position for mounting and adjust it to view the interior cabin.
- (4) Tear off the red tape film on the back of the interior camera and mount the camera on the expected location of the windshield. Press the camera onto the windshield for 20~30 seconds so that it is firmly attached onto the windshield. And the tape of the interior camera has strong adhesion, and it is difficult to remove the interior camera after installation, you should carefully determine the location beforehand.

■ Installing the rear-view camera

Installation of the backup camera

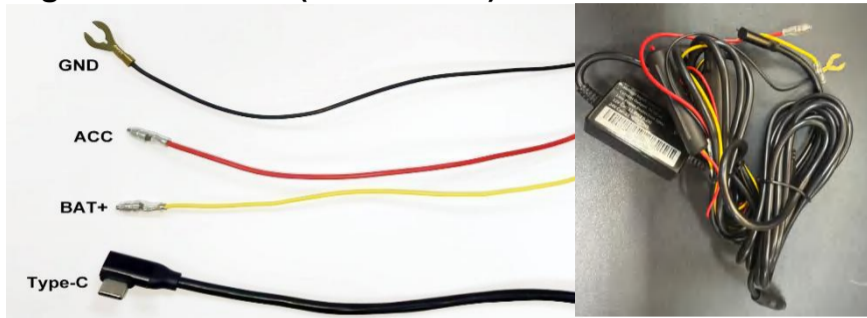


- (1) Determine the installation position and clean the surface.
- (2) Affix the double-sided tape in the accessories package to the intended installation position and mount the rear camera by pressing it firmly.
- (3) Reinforce the rear camera by using the screws from the accessories package.
- (4) Connect the rear camera extension cable to the rear camera and MDC as shown above.
- (5) Adjust the angle of the rear camera so that its image on the LCD of MDC shows appropriately. Then, fasten the screw on each side of the camera.

Note

- The installation method for the rear camera differs according to its installation position. So, decide the installation position first.
- For better effect, it is recommended that the waterproof rear camera be installed outside the vehicle
- Do not modify the camera extension cable because this may damage the MDC, the rear camera, or the vehicle.

■ Installing the hardwire kit (not included)



Note

- This hardwire kit is for the 24 Hours Parking Mode and needs to be purchased separately. If you do not have this kit, you may skip this section. If you are uncertain of the following procedures, you may consider seeking professional help.

■ Testing and wiring

- (1) After the above installation is completed, turn on the vehicle's engine to power on the MDC.
- (2) After confirming that the MDC functions properly (see P21-23), route all the cables behind the vehicle trim along the windshield and doorframe. For rear camera cable wiring, see the picture in P24-26.

Play the Video on Dash Camera



① Loop Recording Video Folder

② Locked Video Folder

③ Picture Folder

④ Playing Progress Bar (draggable)

⑤ Lock Button

⑦ Choose Multiple File

⑧ Delete Button

⑥ Switch Front/Inner/Rear Camera Folder

Trouble Shooting

■ Why can't it automatically switch to the rear camera when reversing or why can't the reversing line appear

Check if the 4 pin is loose, and if the rear camera port of the dash cam is loose.

Check whether the red wire of the rear camera cable is connected to the positive pole of the reverse light, please do not connect it to the brake light or other.

If the connection is correct, please use a tester to measure whether the voltage is output from the reversing light when in reverse gear.

■ Why dash cam does not work/cannot be turned on/freezes/restarts repeatedly?

Unplug the card, and rear camera cable, reset after power on again, and try to see if it can be turned on.

If the above does not work, please contact us.

■ Why can't the back camera record/why can't find the back camera video?

In the play video interface, click the ⑥ icon to switch Front/Inner/Rear camera folder to find rear camera video.

■ One Year Limited Warranty

We are committed to giving customers the best product experience and after-sale service.

We would like to provide One full year of limited warranty for your product from the date of purchase to be free from defects in materials and craftsmanship.

If you have any questions, please contact us. Thank you!

Support : support@insecam.net



Made in China