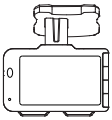
scaled

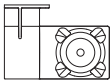
AI DASH CAM

Quick Start Guide

Package Contents



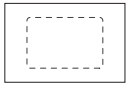
AI Dash Cam



Rear Camera

Car Power Adapter

Car Power Cable



Static Stickers for AI Dash Cam

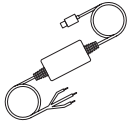
User Manual (Online)

Quick Start Guide

Warranty Card

Cable Tidy Tool

64G TF Card



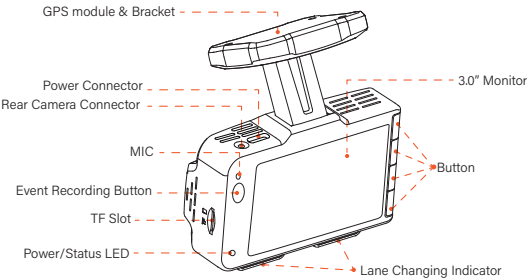
Hardware Kit (Optional)

Product Feature

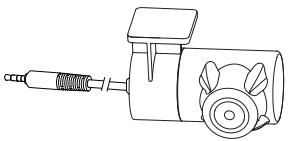
- Monitor the front and back of your vehicle in high resolution
- Wide Dynamic Recognition (WDR)
- Super Night-Vision Mode
- Advanced Driving Assistance System(ADAS)
- Lane Change Assistance (LCA)

- Rear Collision Warning(RCW)
- Automatic Recording in case of emergency braking and collision
- Loop Recording
- Wide Angle FOV Angle
- Support Parking Mode

Product Overview

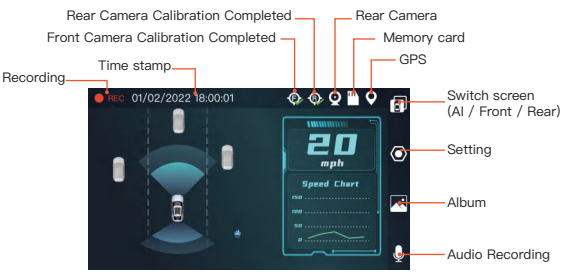


Front Camera



Rear Camera

Screen Icons



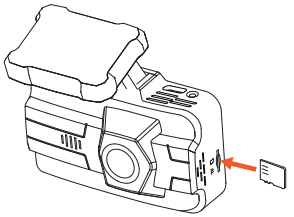
Installation

The full installation tutorial video is available at www.scaledelectronics.com/support

Step1: Insert the Memory Card

Insert a suitable Memory card (16G-256G,FAT32 / UHS-III) in to the Dash Cam. Push the memory card until it clicks into place(The text side of the memory card is oriented in the same direction as the screen).

Please make sure to use a memory card of UHS-III level or above, otherwise it may cause device abnormalities.



Insert the Memory Card

Note: Do not remove or insert the memory card while the power is on, as this may damage the card or the video content therein.

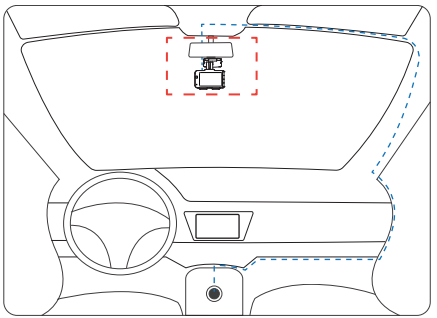
Step2: Install the Front Camera

1. Select a mounting location

The front camera needs to be mounted right in the middle of the windshield, and the deviation from the center line should not exceed 10 cm, otherwise the accuracy of the AI function may be affected.

Note: It is recommended that the front camera be mounted behind the rear-view mirror to avoid obstructing the driver's view.

AI Dash cam location(Recommended area, as below).



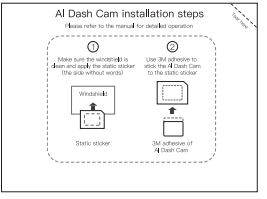
Wire alignment diagram

2. Attach the front camera on Windshield

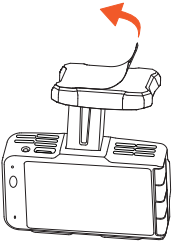
Select a proper mounting location on windshield, wipe the location area clean with a lint-free cloth. The windshield must be free of dust, wax, oils, or coatings, and then apply the static sticker. Remove the overlay to expose the 3M adhesive side and stick the AI Dash Cam into the dashed box in the middle of the static sticker.

Please make sure to put the static sticker on the windshield first before placing the device.

Make sure the front camera is horizontal and facing straight to the windshield to capture the desired view, such as the road in the center. Place the bracket firmly on the mounting position of the static sticker for 30 seconds.



The Static Sticker



3M adhesive

3.Adjust the Front camera angle

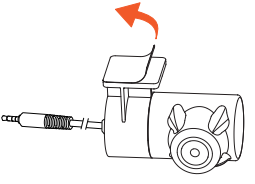
Recommend to make the camera capture an image with both the sky and the ground equally (50% is the sky and 50% is the ground).

Step3: Install the Rear Camera

1. Select a proper mounting location on windshield, wipe the location area clean with a lint-free cloth. The windshield must be free of dust, wax, oils, or coatings.

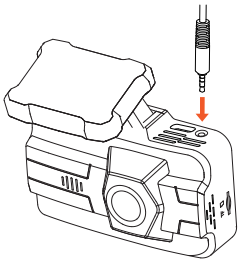
2. Remove the cover layer to expose the 3M adhesive surface; Ensure that the cable of rear camera directs to the right side and the view captured is desired field; Firmly place the mount on the mounting location of windshield for 30 seconds.

Note: Attach the rear camera with the cable on the right side to avoid capturing upside-down images.



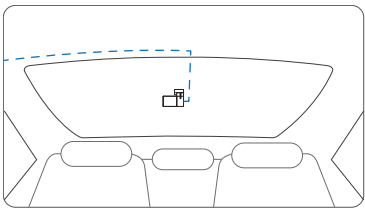
3M adhesive

3. Route the rear camera cable and plug another end of cable into the front camera.



Plug into the front camera

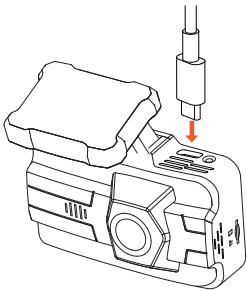
The rear camera cable is designed to be routed out of sight, and it can be hided along or behind the trim or headline, as below picture.



Wire alignment diagram

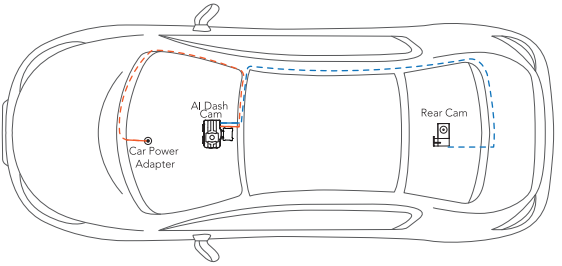
Step4: Connect car power cable

1. Plug the power cable into the Type-C connector of the front camera.



Power cable plugin

2. Route the power cable and hide the power cable along or behind the trim or headline to make sure the view of driver unobstructed. Plug the car power adapter into the DC-12V outlet of your vehicle, as below pictures.

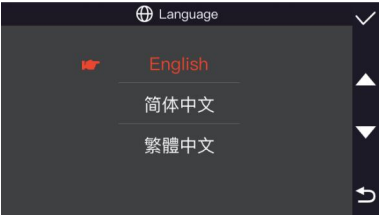


Overall wire alignment diagram

Basic Functions

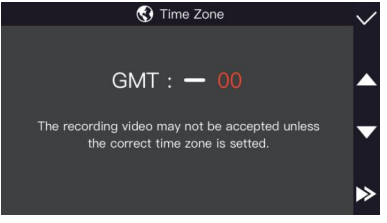
First time to use

AI Dash Cam will turn on automatically after you connect the power.
Please select your language after entering the language setting interface.



Language Setting

Set the time zone of your location. The date and time will be updated automatically after the GPS location, so you don't need to set it manually.

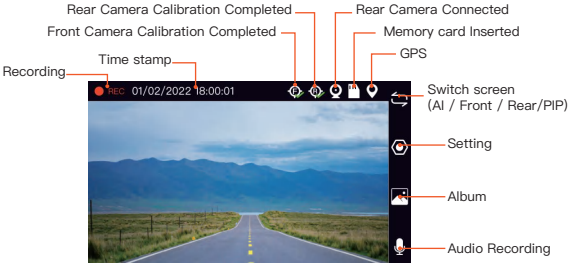


Date & Time Setting

Normal recording

After the vehicle is started, the dash cam automatically turns on and starts recording. After the vehicle is turned off, the recording will stop automatically.

Note: Device status indicators: A red light indicates that recording is in progress, while a blue light indicates that recording is not active.



Emergency Recording

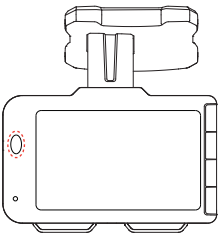
Emergency recording starts working under 2 conditions as below:

1. Impact motion recording

- If the dash cam detect an impact whilst normal recording, it will start emergency recording.
- If impact motion set as [high sensitivity], even slight impact would be detected.
- If impact motion set as [medium sensitivity (default)], only medium impact would be detected.
- If impact motion set as [low sensitivity], only heavy impact would be detected.

2. Manual emergency recording

- Pushing the emergency button can start emergency recording whilst under the normal recording mode.



Emergency Recording Button

Note: Emergency videos will record a total of 20 seconds – 5 seconds prior to the trigger and 15 seconds afterward.

Emergency Recording

Parking Mode Recording

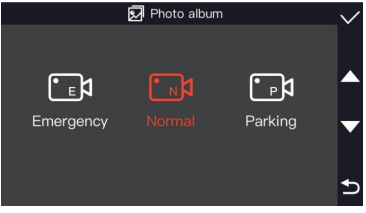
When the Parking Monitoring Mode is activated, the device enters a sleep state after the vehicle is turned off. In the event of impact or vibration while the vehicle is parked, the device will awaken and capture a 20-second emergency video.

Note: Parking Mode requires the use of the Hardwire Kit (optional).

Video Playback

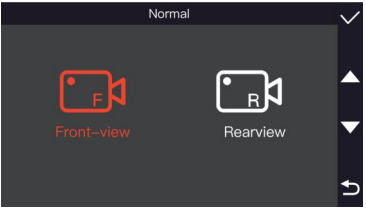
Pushing [ ] can enter the playback mode, and select ▲ or ▼ to choose the file type: Normal / Emergency / Parking, and select ✓ to enter and review.

1. Three types of recording file: normal, emergency and parking.



Types of recording file

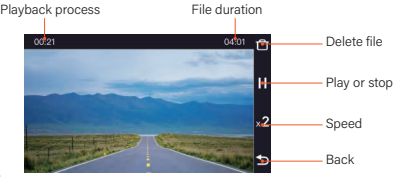
2. Each recording type has 2 channel folder: Front view and Rear view.



Types of channel file

3. Once the storage capacity is reached, the oldest files within the 'Normal' and 'Parking' folders will be overwritten by new files. However, files within the 'Emergency' folder will not be subject to loop replacement.

4. The playback progress adopts the forward timing method, and the file duration remains unchanged



5. Push x1 to change the speed by 1X, 2X, 4X, 8X on a loop.

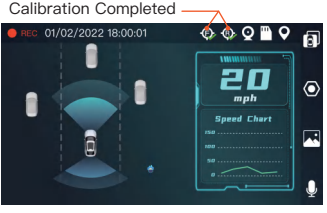
AI Functions

Auto-calibration

Upon the initial activation of the AI Dash Cam, an automatic calibration process for the AI algorithms will commence. The calibration duration may vary between 1 to 10 minutes, depending on the scene conditions captured. To expedite the calibration process, consider the following recommendations:

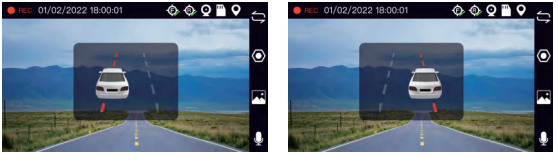
1. Drive on a road with a straight, level trajectory and clear lane markings.
2. Maintain a speed greater than 13 mph.
3. Choose routes with lower traffic density.
4. Minimize unnecessary lane changes.

After the calibration, the calibration icons on the status bar will be check.



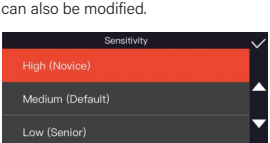
Lane Departure Warning

When current Vehicle speed＞40mph and the lane-center-driving vehicle state is changing to across the lane, the AI system will issue related sound alert to driver and display alert icon on the dash cam screen.



Lane Departure Warning

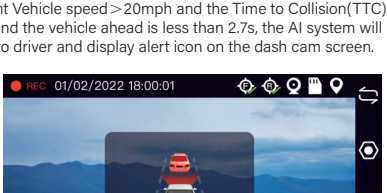
This function can be turned off in AI Function settings, and the trigger sensitivity (high, medium, low) and minimum activate speed (40-50mph, default 40mph) can also be modified.



Note: Normal lane changing will also trigger this warning.

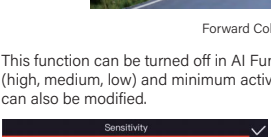
• Forward Collision Warning

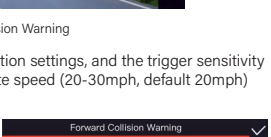
When current Vehicle speed＞20mph and the Time to Collision(TTC) between the vehicle and the vehicle ahead is less than 2.7s, the AI system will issue related sound alert to driver and display alert icon on the dash cam screen.



Forward Collision Warning

This function can be turned off in AI Function settings, and the trigger sensitivity (high, medium, low) and minimum activate speed (20-30mph, default 20mph) can also be modified.





• Virtual Bumper

When the distance between the vehicle and the vehicle ahead / Current vehicle speed<0.7s, and 20mph＞Current vehicle speed＞0.6mph, the AI system will issue related sound alert to driver and display alert icon on the dash cam screen. This function can be turned off in the AI Function settings, and the trigger sensitivity (high, medium, low) can also be modified.

Virtual Bumper

Pedestrian Collision Warning

When the distance between the vehicle and the pedestrian ahead / Current vehicle speed<1.2s, and 40mph＞Current vehicle speed＞0.6mph, the AI system will issue related sound alert to driver and display alert icon on the dash cam screen. This function can be turned off in the AI Function settings, and the trigger sensitivity (high, medium, low) can also be modified.

Pedestrian Collision Warning

Stop & Go

When the vehicle stops for more than 5s and the vehicle ahead(within 20 ft distance) continues to driving away for more than 1s, the AI system will issue related sound alert to driver and display alert icon on the dash cam screen. This function can be turned off in the AI Function settings, and the trigger sensitivity (high, medium, low) can also be modified.

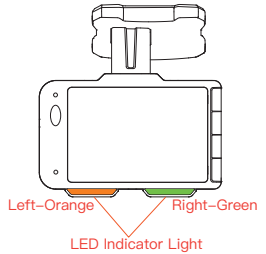
Stop & Go

Lane Changing Assistance

Level 1 Alert: If the velocity of vehicle > 6mph, while another vehicle (within 23 ft distance) is approaching from the rear-side lane, the AI alert will be triggered.

1. The LED indicator light will be solid on to remind the driver. The faster the speed, the farther the alarm can be triggered, up to 41 ft.

2. When there is a car on your left rear, the orange LED on the left will be on, and when there is a car on your right rear, the green LED on the right will be on.



Level 2 Alert: If the velocity of vehicle > 20mph with its outer edge of wheel less than 0.32 ft from the lane line, another vehicle (within 23 ft distance) is approaching from the rear-side lane at the same time, the AI alert will be triggered.

1. The related LED indicator light will be solid on.

2. The sound alert will be issued every 3s.

3. The alert Icon(side-view mirror) will display on the dash cam screen. The faster the speed, the farther the alarm can be triggered, up to 41 ft.

Lane Changing Assistance

Note: This alarm will be triggered by a car on the left rear or right rear even when you have no intention to change lanes. This alarm can be turned off in the AI function settings,and the trigger sensitivity (high, medium, low) can also be modified.

• Rear Collision Warning

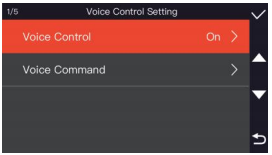
If the on-driving vehicle＞20mph, the Time to Collision(TTC) between the vehicle and the vehicle behind is less than 2.7s, the AI system will issue related sound alert to driver and display alert icon on the dash cam screen.This function can be turned off in the AI Function settings, and the trigger sensitivity (high, medium, low) can also be modified.

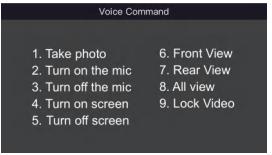
Rear Collision Warning

Other Settings

Voice Control

In "Settings - Advanced Settings - Voice Control Setting," you can enable or disable the Voice Control feature. Under Voice Commands, you'll find a list of specific voice instructions that the system can recognize.





Wi-Fi Connection

Download the Viidure APP on the Appstore or GooglePlay to connect to the AI Dash Cam from your phone.In the APP you can view live footage and what the device is storing, as well as configure the device.

Viidure

Connect to the Wi-Fi named AI_CAM (Wi-Fi always on, **password:12345678**) in cell phone's Wi-Fi list, and then click "Add Camera" in the app to successfully connect to the device.

FCC regulatory conformance

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.
(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

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This content is subject to change.
For further details, visit https://scaledelectronics.com/support

印刷需求:
80g 书纸
七折页
单页尺寸：85mm*155mm