Manuals+ — User Manuals Simplified.

Shenzhen Jiutong Zhichuang Technology VU12 Mirror Mounted Dash Camera User Manual

Contents

SHENZHEN

Shenzhen Jiutong Zhichuang Technology VU12 Mirror Mounted Dash Camera

NOTICE

1. This unit should be mnnected to the ,:ar charger so that it would be constantly powered. ~ the power is interrupted to the unit, it will shut down.
2. Please usetOO original car charger pruvided.
3. This unit ls Intended to be mounted on an existing rearvlew mirror. It must not be placed on a location in a vehicle where it mil\l affect the deployment of alrb.gs, ;md must not obstruct the drlller'svlew.
4. Make sure the lenses of the camerns are dean and not blocked.
5. WE recommend that you perform a pre-installation test to ensure that this product Is In good condition.
6. This product must be securely mounted prior to drMng the11Ehide.
7. DO NOT leave the product where the temperature may exceed 70″ C (150″ F) for an extended period.
8. Please insert a formatted memory card into the product before your first use(see on page 04).

PACKING LIST

Mirror Dash Camera

Rear Camera Kit
(24.6ft)

Car Charger
(11.5ft)

GPS Atenna

Rubber Mounting
Strap x4

3M Adhesive Pad x2

Easy Pry Tool

Screw x2

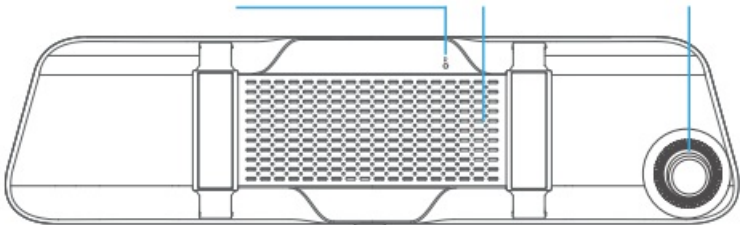Cleaning Cloth

User Manual

PRODUCT OVERVIEW

Mirror Dash Camera
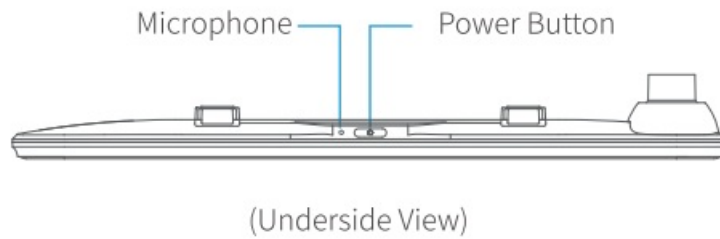
Touchscreen Display
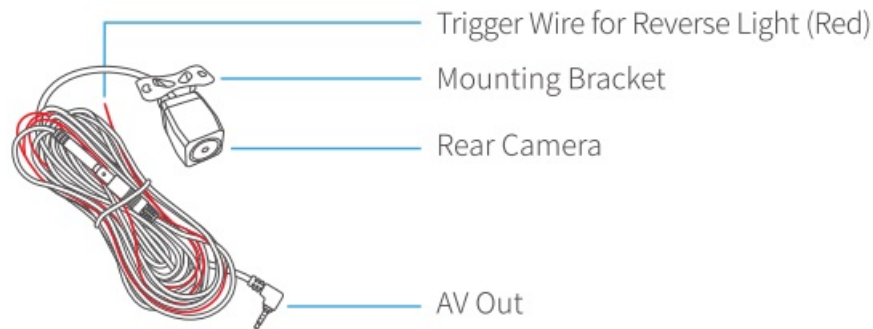
(Front View)

Reset Hole   Speaker   Front Camera

(Rear View)

Note: When the touch screen is unresponsive er freezes, you can insert a pin into the Reset Hole on the back to reboot the dash camera.

Microphone — — Power Button

(Underside View)

Rear Camera Kit

Trigger Wire for Reverse Light (Red)
Mounting Bracket
Rear Camera

AV Out

INSTALLATION INSTRUCTIONS

IMPORTANT:

1. The pre-install test is a must before final installation.
2. Insert a formatted memory card(not included) into the product before your first use.

   Step 1: Install the memory card into a card reader, then connect it to the computer to format it into FAT32

   Step 2 : Tap ⚙ to enter Settings, then tap Format and Confirm to continue.

   Due to the data rate of the video being recorded, a reputable Class 10 or higher speed memory card must be used.
3. Professional installation of this product is generally recommended.
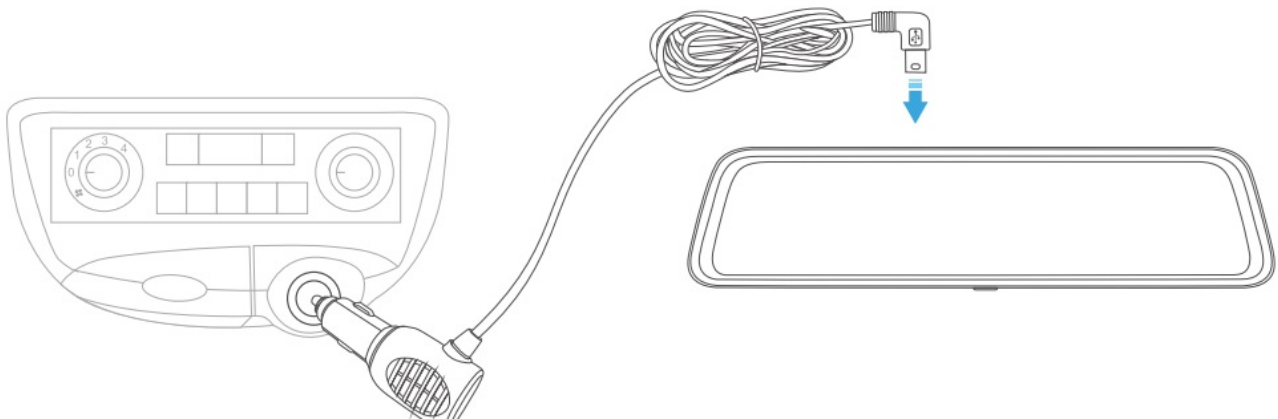
Step 1,
Mount the Mirror Dash camera over the original rearview mirror of the vehicle with the provided Mounting Strap, then adjust the angle of it.
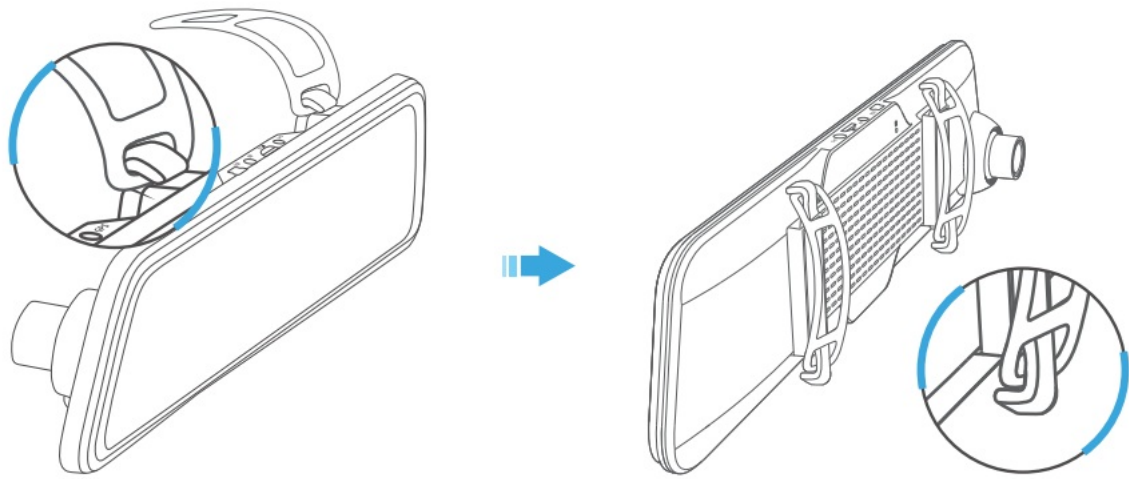
Step 2,
Connect one end of CarChargercableto the US8 Input port on the top side of Mirror Dash Camera. Plug the other end of the Car Charger cable to the Cigarette Lighter Receptacle in the vehicle.

Step 3:
Attach the AV Out connector of the Rear Camera with the AV In port of the Mirror Dash Camera, then snake the black cable of the Rear Camera through the body of your vehicle to the rear of it.

Step 4:
Set the vehicle in reverse gear, then identify the wire that feeding the Reverse Light from the rear light cluster. Tie the Red Trigger Wire with the positive terminal of the correct wire.
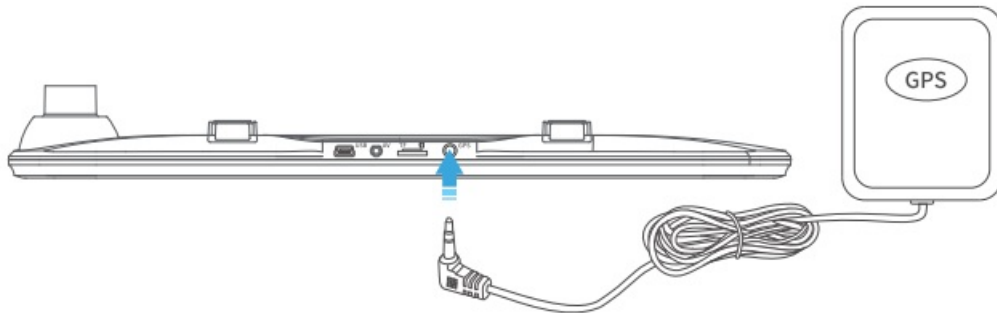
Step 5:
Insert the AV out connector of the Rear Camera Kit into the AV in port on the dash camera, then mount the Rear Camera Kit to the rear of the vehicle,
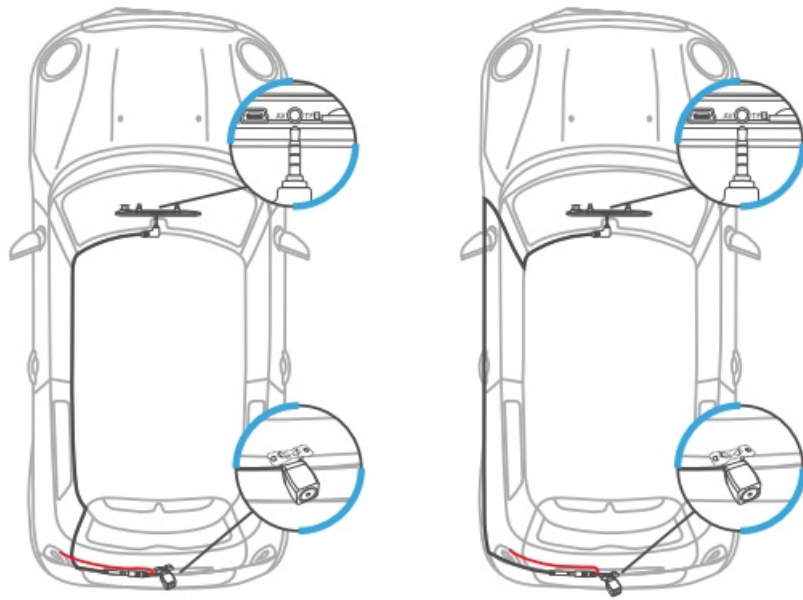
Step 6:
Install the GPS Atenna to search GPS satellites and calculate Mirror Dash Camera's geographical position. Please make sure the side with GPS letter faces upwards to receive a better signal.

Notes:

1. DO NOT connect the Red Trigger Wire with Brake Light or Tail Light.

2. After installation, the Mirror Dash Camera will display Rear Camera's view by default when starting the engine.

3. The Rear Camera will be triggered when reversing, and the view will be from the Rear Camera.

4. For better viewing, please clean the lenses of both cameras after installing

GET STARTED

Power On/Off

Option 1:
Start the engine to automatically power on the Mirror Dash Camera.
Option 2:
Press the Power Button for around 3s to povwer on/off the Mirror Dash Camera. After powering on, please tap

 and select your language.

Screen On/Off

Simply press the Power Button once to Switch the screen off when the Mirror Dash Camera is ON; press it again or tap the touchscreen to wake the camera up.

Tip: The Mirror Dash Camera can serve as a standard rearview mirror after Screen off.

FUNCTION OVERVIEW

Video Mode
After powering on, the camera will enter Video Mode and record videos. A flashing red dot on the upper left corner of the display indicates the view from the camera is being recorded to the memory card.

1. Tap ⏺ to mute and unmute the microphone.

2. Tap 📷 to capture a photo.

3. Tap ⊙ to end and save the recording, then enter Live Mode.

4. Tap ⚙ to enter the interface of Settings.

5. Tap 🔒 on the screen, and the Mirror Dash Camera will lock the video of this section. At this time, the flashing red dot in the upper left corner of the screen will become a yellow dot. Locked videos will not be overwritten.
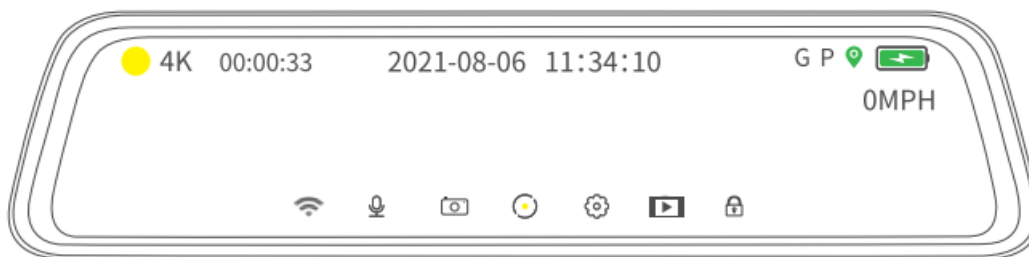
6. 0MPH indicates the current speed of your vehicle.

Check and Delete the Files Saved

Slide rightward on an empty section of the touchscreen to check photos/ videos saved.

- Tap the thumbnail on the left to play the video/photo on the right.

- Tap ▽ to filter the video/photo.

Front urgent video contains the locked videos recorded by the front camera when there is a collision in driving or

parem 🔒 .
parking, and the locked videos recorded manually by tapping .
Front ordinary video contains the videos recorded by the front camera.
Rear urgent video contains the locked videos recorded by the rear camera when there is a collision in driving or
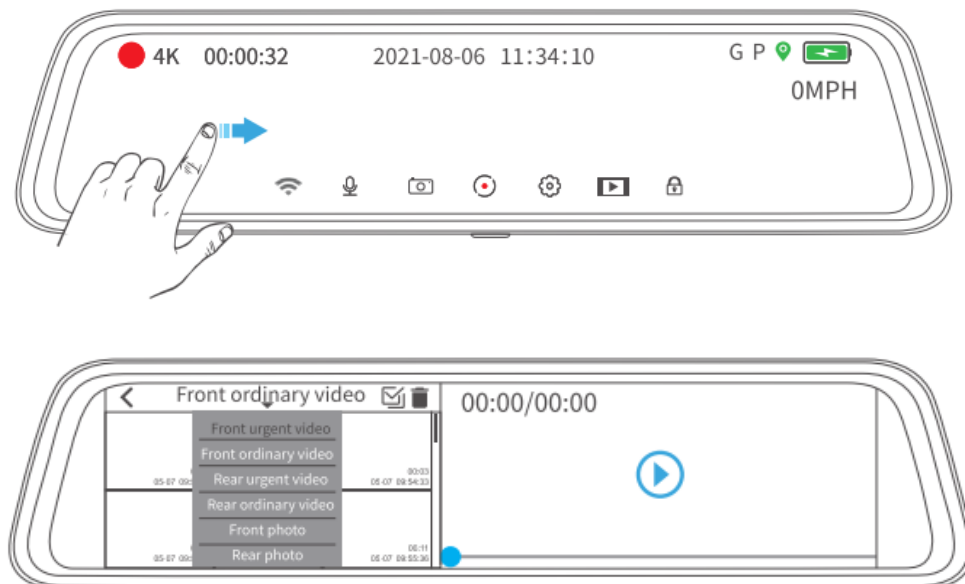
parking, and the locked videos recorded manually by tapping 🔒
Rear ordinary video contains the videos recorded by the rear camera.
Front photo contains the photos took by the front camera.
Rear photo contains the photo took by the rear camera.

Tap 🗑 select the video/photo, then tap 🗑 again to delete

Tap ☑ to select all files, then tap 🗑 to delete all under this category.

File Transfer

Option 1:
Remove the memory card from the Mirror Dash Camera, then connect it with a computer via a card reader (not supplied) to make file transfer.
Option 2:
Directly connect the Mirror Dash Camera witha computer via a USB cable, then go to Settings> USB Mode to set it as STORAGE.
Option 3:
Connect to the mobile phone through WiFi, and download files to the mobile phone in roadcam APP.

GPS Function

No GPS Receiver identified

GPS Receiver installed

GPS satellites searched

Check the video with GPS data

- Step 1: When File Transfer (see on page 09) is available, please access My Computer on your PC and find the external storage.
- Step 2: Click the application named gxplayer and follow the tips to install it into your PC.
- Step 3: Get back to the external storage and click gxplayer again to open the player after the installation is completed.
- Step 4: Click ⚙ to on the upper right corner to start setting up the player

Base Setup

Language: English   — Select your language

Speed Unit: KMH   — KMH indicates KM per hour
              MPH   — MPH indicates M per hour

Maps: google maps   — Select a map you prefer

Please stop playing, otherwise can't change the map successfully!

soft service

gx.v2.4.43
Detection Update   — Click to check the update

Information

Warning:
Thank you for using this software. Unauthorized use of reverse engineering is illegal!

- Step 5: Click ⚙ again to hide the settings.

Step 6: Click 📁 the lower part to select a video from the external storage to play it. The GPS data of the selected video will be displayed on the right of the player.

G:\front_norm\2019_11_18_200953_01.MP4

Map   Satellite

Map data ©2019 Terms of Use

FILE LIST
G:\front_norm\2019_11_18_171740_00.MP4
G:\front_norm\2019_11_18_200615_00.MP4
G:\front_norm\2019_11_18_200647_00.MP4
G:\front_norm\2019_11_18_200703_00.MP4
G:\front_norm\2019_11_18_200803_00.MP4
G:\front_norm\2019_11_18_200853_00.MP4

2019 - 11 - 18   08 : 10 : 05 PM

00:00:12 / 00:01:00

More Functions

Swipe leftward on an empty section of the touchscreen to switch among the view from the rear camera, the view trom the front camera, and the view from both cameras.
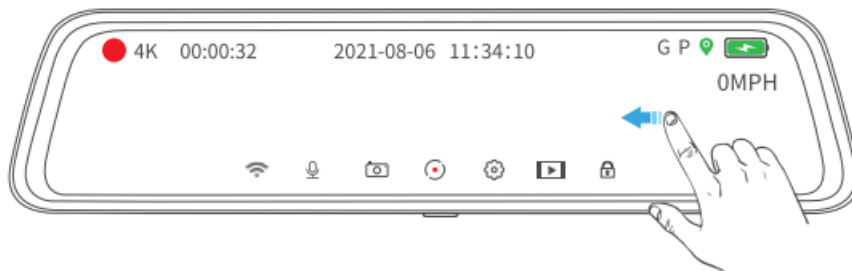
Swipe upward/downward on the left part of the touchscreen to see lens full field of view.

Swipe upward/downward on the right part of the touchscreen to adjust tlie display brightness.

Walt for around 3.s after powering on the current speed of your vehicle, the time, day and daw v.ill be displayed on the right of the screen.

```
                                    0MPH
                                   08:57
                                  TUESDAY
                                 2021-09-07
```

SETTINGS

Tap ⚙ or swipe down at the middle part of the touchscreen to start setting up your camera.
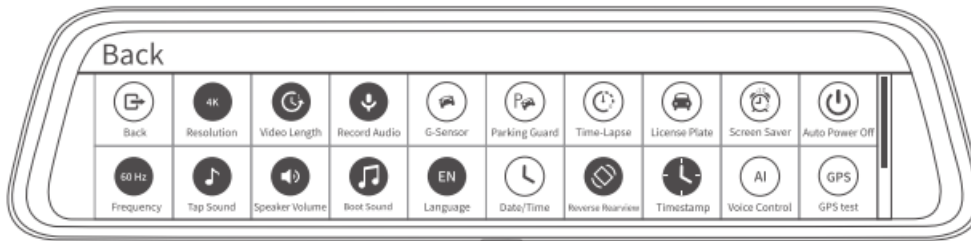
Back
Tap to get back to the previous interface.

Resolution
Tap to switch the resolution of the front camera and the rear camera.

Video Length
Change the recording time of each video. The recording time is set to be 1 minute by default. You can choose from 1 MIN, 3 MINS, and 5 MINS.

Record Audio
Turn on/off the audio when recording.

G-Sensor
Set the different G-sensor sensitivity of collision detection when driving. You can select from Low, Middle, High and OFF as needed. If you select High, the camera will automatically start recording a video for around 20s when the car encounters a minor collision. If you select Low, the camera will start recording when the car encounters a severe collision. A flashing yellow dot on the upper left corner and a yellow progress bar on the bottom will be displayed when recording a locked video. The video is locked and will not be overwritten.

Parking Guard
Set the different Parking Guard sensitivity of colision detection when parking. You can select from Low, Middle,

High and OFF as needed. If you select High, the camera will automatically start recording a video for around 20s when the car encounters a minor collision. If you select Low, the camera will start recording when the car encounters a severe collision. A flashing yellow dot on the upper left corner and a yellow progress bar on the bottom will be displayed when recording a locked video. The video is locked and will not be overwritten.

Note:
An extra Hardwire Kit (not included) is recommended for using this function. Please contact our support team for more information.

Time-Lapse
Set the frame rate of the video. The camera captures 30 frames per 1s to merge them into a video by default (OFF). If you set Time-Lapse as 1S, the camera will capture 1 frame per 1s and merge them into a video.

- **Selecting 2S** indicates that the camera will capture 1 frame per 2s, and
- **selecting 3S** indicates the camera will capture 1 frame per 3s.

Note:
An extra Hardwire Kit (not included) is required for using this function. Please contact our support team for more information.

License Plate
Enter your vehicle license to be displayed on the lower left corner of the touchscreen display.

Screen Saver
Set the time to enter sleep mode after a certain period of inactivity. You can choose from 1 MIN, 3 MINS, and OFF.

Auto Power Off
Click "Auto Power Off" in Settings to enter the submenu. In the submenu, there are options of "OFF, 1 MIN, 3 MINS and 5 MINS". Select "OFF", and the machine will be turned on until the external power supply is cut off. "1 MIN" means that the machine will automatically record after 1 minute without recording or operation.

60 Hz Frequency
Tap to switch the frequency between 60Hz and 50 Hz.

Tap Sound
Turn on/off the sound when tapping the touch display.

Speaker Volume
Set the volume of the speaker for the camera. You can choose from Low, Middle, High, and Mute

Boot Sound
Turn on/off the sound when powering on/off the camera.

Language
Change your language.

Date/Time
Tap to start setting the date and time. Swipe upward/downward to select the year, month, date, hour, and minute, then tap Confirm to set the time.

Reverse Rearview
Tap "Reverse Rearview" in Settings to enter the submenu. There are options of "OFF" and "ON" in the submenu. Select "ON" and the rear image will be reversed on the screen. Select "OFF" and the rear image will be original on the screen.

Note: No matter the original image or reversed image is displayed on the Screen, the video file is original.

Timestamp
Tap "Timestamp" in Settings to enter the submenu. There are options of "OFF" and "ON". Select "ON" and there will be time information in the picture when playing back. Select "OFF" and there is no time information in the picture when playing back.

Voice Control
Tap to activate the voice recogniton function and control the dash camera
without the need to touch on the screen.

GPS test
Only available when the GPS Receiver is installed into the GPS port of the dash camera.
Tap to check the detailed information of GPS, including GPS status, the number of satellites, the longitude, the latitude, and more.

Time Zone
Only available when the GPS Receiver is installed into the GPS port of the dash camera.
Select the time zone for your dash camera.

Speed Unit
Only available when the GPS Receiver is installed into the GPS port of the dash camera. Tap to manually adjust the speed of your vehicle displayed on the screen.

USB Mode
Set the USB mode when connecting with PC. Select STORAGE to transfer the photo/video between the camera and your PC; while select CHARGE to charge the product only.

Mobile Phone
Tap to view WiFi information.

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

Factory Reset
Tap to bring up the option of resetting the camera to the factory default.

APP INSTALLATION GUIDE

Before using the WiFi, please install the roadcam APP on
your smartphone or tablet.

- Step 1: Search in Google Play or Apple Store for Roadcom APP on your mobile phone, then download and
  install.
- Step 2: Scan QR Ccode with your mobile phone, then download and install Roadcom.

Note:

Roadcom APP can also be downloaded by scaning the QR code in the WiFi information of the Mirror Dash Camera.

WIFI CONNECTION OF MOBILE PHONE

- **Step 1:** Turn on the WiFi hotspot on the Mirror Dash Camera. Tap the WiFi icon on the screen to turn on the WiFi hotspot.

- 4K   00:00:32   2021-08-06 11:34:10   G P 📍 🔋
- 0MPH

Wi-Fi SSID: VU12- ∗∗∗∗∗∗
Wi-Fi Password: 12345678
WiFi OFF
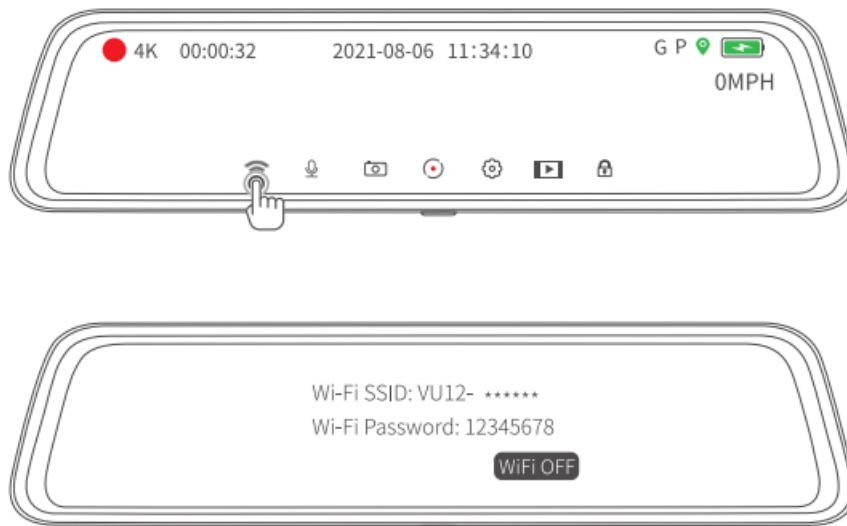
Note: Tap "WiFi off" can turn off the WiFi hotspot.
- **Step 2:** Open the WiFi connection settings on the mobile phone, search the WiFi name "VU12_***", enter password to connect (password:12345678)
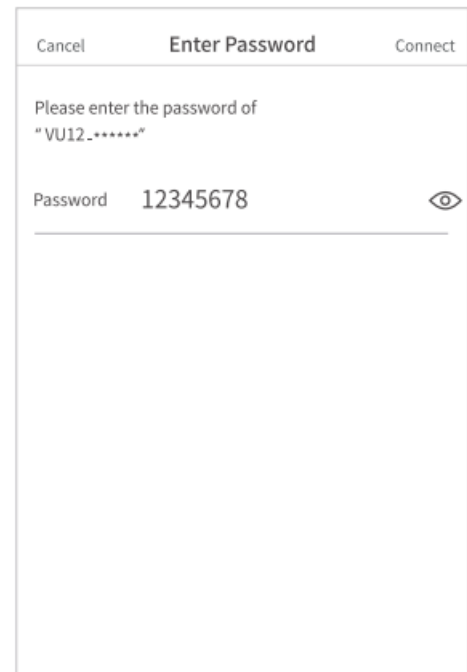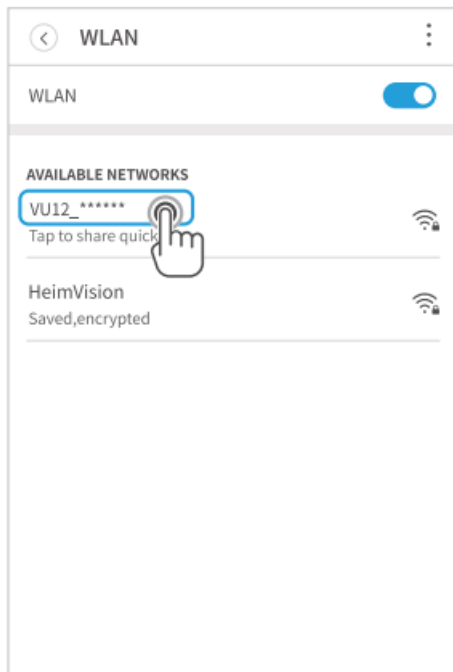
- **Step 3:** After the VWiFi connection is successful, open the Roadcom app to enter the operation interface.
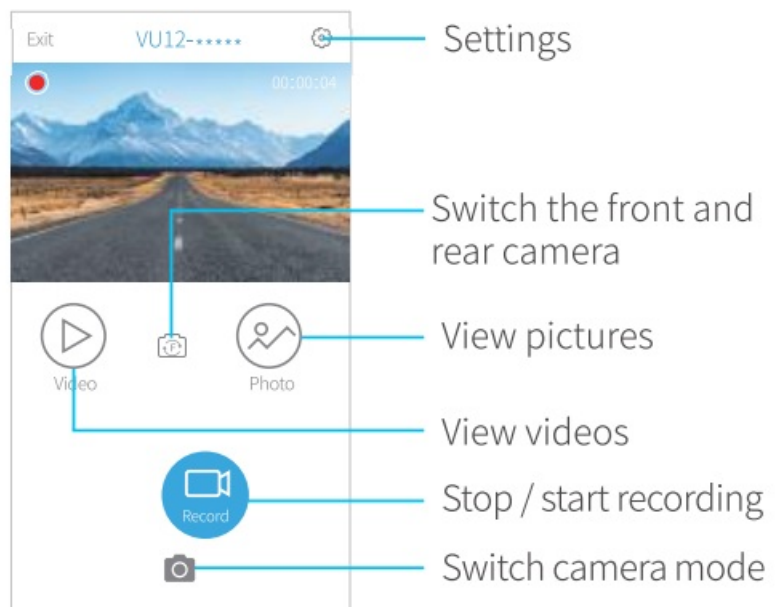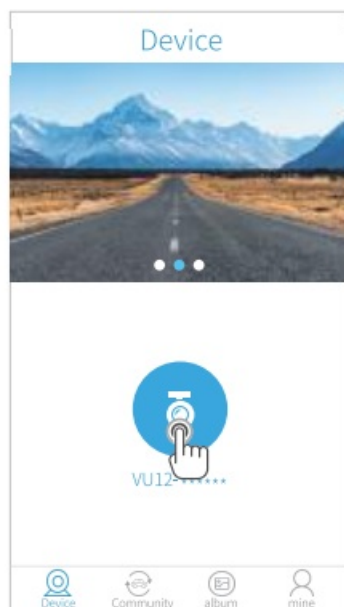
- **Settings**

  Tap to enter Settings to modify the parameters.

- **Video playback interface**

  Tap to enter the video playback interface, click on video files to play, or press and hold the video file to download.

- **Picture playback interface**

  Tap to enter the picture playback interface, click picture to zoom in and view, or press and hold the picture file to download.
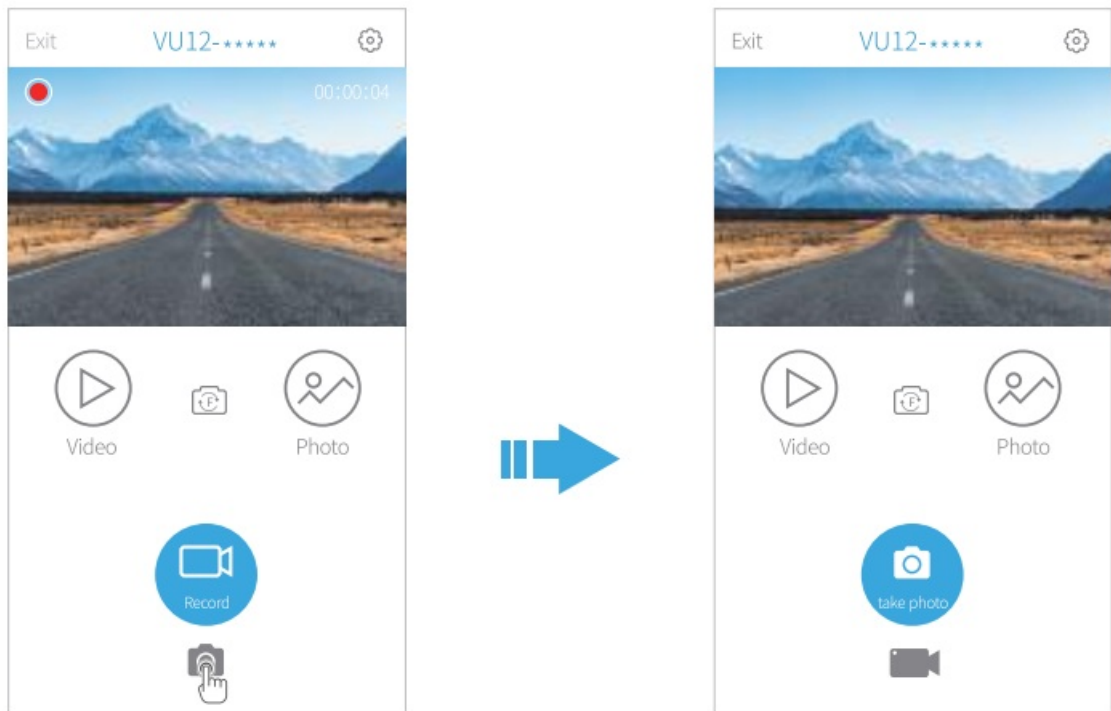
SPECIFICATIONS

- Chipset: V35AX
- CPU: ARM Cortex A7
- Display Size :IPS 11.8 Inch
- Display Resolution: 440x 1920
- Speaker: 1W
- Memory Card: Support up to 256GB (not included)
- Battery: 500mAh/3.7V
- Touch: Single-Touch
- Connection: Mini USB Port, AV In Port, Memory Card Slot
- Sensor(Front Camera): Sony STARVIS
- Sensor(Rear Camera): FH-2308Y
- Resolution(Front Camera): 3840 2160P
- Resolution(Rear Camera): 1920 1080OP
- Video Format: MP4
- Photo Format: JPG

TROUBLESHOOTING GUIDE

Q1. The memory card can't be read, or there is an error.

- Make sure install the memory card correctly.
- Install the memory card into a card reader, then connect it to the computer to format it into FAT32.
- Tap oto enter Settings, then tap Format and Confirm to format the memory card.
- Try another Class 10 memory card with a well-known brand, such as SanDisk, Kingston, etc.

Q2. There is a prompt stating power is depleted.

- Aicon indicates the camera's charging status. If this icon is not displayed:
- Please check if the Car Charger is properly connected to the Cigarette
- Lighter Receptacle of the vehicle.
- Please replace the Car Charger

Q3. The touchscreen display freezes

- Please remove the memory card to check whether it's caused by it.
- Restart the touchscreen display by pressing the Power Button.
- Use a pin into the Reset hole to reboot the dash camera.

Q4. The screen can't show the rear camera's view when reversing.

- Please swipe left on the touchscreen to check whether there is an image View from the rear camera. It yes
- Verify the Red Trigger Wire of the Rear Camera is electrically tied to the wire feeding the vehicles' Reverse Light.

Q5. There is a Black Screen of Death when reversing.

- Please check whether the display can show the image view when not reversing. If yes, please reconnect the cabe of the ed camera.
- Please check whether the lens of the rear camera is blocked.

Q6. The camera can't record videos, or the latest video is overwritten.

- Please check if the memory card is full of the locked video. If yes, please delete the unnecessary videos or format the memory card.
- Go to Settings > G-Sensor/Parking Guard to set it to Low or Middle.
- Replace another memory card.

Q7. The camera is restarted automatically.

- Please check if the USB cable is in poor contact.
- Remove the memory card to see whether it's caused by it.

Q8. A pause or frame skipping occurs when playing the videos or photos.

- Try another Class 10 memory card with a wel-known brand and format it.
- Try to use the media player that can decode H.264 and H.265 compressed videos.

Q9. The video recorded in the memory card is blurry or shows strips.

- Please check whether the lenses of the cameras are dirty.
- Please take off the protective film of the lens.
- Please check whether the windshield of the vehicle is not clean enough.
- Please make sure the vehicle is able to provide the stable power supply.

WARRANTY POLICIES

1. 7*24H High-priority Customer Service [support@veement.vip]
2. 7*24H [Amazon Message]
3. 12-month product warranty for quality problems + 45-day money back& return guarantee

CAUTION
RISK OF EXPLOSION IF BATTERYIS 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.

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.

IMPORTANT NOTE:

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 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 designed to provide reasonable
protection against harmful interference in a residential installation. This equipment generates, uses and can
radiate radio frequency energy and, between the radiator& your body.

Documents / Resources

Shenzhen Jiutong Zhichuang Technology VU12 Mirror Mounted Dash Camera [pdf] User Manual
DC-MDU21V, DCMDU21V, 2A7JV-DC-MDU21V, 2A7JVDCMDU21V, VU12 Mirror Mounted Dash Camera, Mirror Mounted Dash Camera