

CUSTOMER SUPPORT

Mirror Mounted Dash Camera
VU12



USER MANUAL

Please read this manual carefully before using and keep it well for future reference.

V2.03

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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.

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 OMPH 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.

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 the display brightness.

Wait for around 3s after powering on the current speed of your vehicle, the time, day and date will be displayed on the right of the screen.

SETTINGS

Tap or swipe down at the middle part of the touchscreen to start setting up your camera.

Back

Resolution

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.

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". 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"

Step 3:

After the WiFi connection is successful, open the Roadcam app to enter the operation interface.

Settings

Switch the front and rear camera

View pictures

View videos

Stop/start recording

Switch camera mode

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.

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

* Try another Class 10 memory card with a well-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@veemont.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 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.

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 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 properly used, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If the adjacent radio does harmful interference to this electronic equipment, 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 problem is occurring.

—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 between the radiator and your body.

PACKING LIST

Mirror Dash Camera

Rear Camera Kit (24.6ft)

Car Charger (11.5ft)

GPS Antenna

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 or freezes, you can insert a pin into the **Reset Hole** on the back to reboot the dash camera.

USB Input (for Car Charger)

AV In (for Rear Camera)

Mounting Bracket

Memory Card Slot

GPS Port (Topside View)

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 Antenna** 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 power on/off the **Mirror Dash Camera**. After powering on, please tap and to 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.

GPS Function

No GPS Receiver identified

GPS Receiver installed

GPS satellites searched

Check the videos 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 **goplayer** and follow the tips to install it into your PC.

Step 3:

Get back to the external storage and click **goplayer** again to open the player after the installation is completed.

Step 4:

Click on the upper right corner to start setting up the player.

Base Setup

Language: English

Select your language

Speed Unit: km/h

KMH indicates KM per hour

Map: google map

Select a map you prefer

Soft Service

g+2.6.63

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 at 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.

More Functions

Swipe leftward on an empty section of the touchscreen to switch among the view from the rear camera, the view from the front camera, and the view from both cameras.

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 collision 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.

Frequency

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

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 Roadcam APP on your mobile phone, then download and install.

Step 2:

Scan QR code with your mobile phone, then download and install Roadcam.

Note:

Roadcam APP can also be downloaded by scanning 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.

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)

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*1080P

Video Format

MP4

Photo Format

JPG

Q2. There is a prompt stating power is depleted.

* icon 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. If 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 cable of the rear 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.

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 to 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..

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