



YCK-DR650S-2CH

**Product** | Car Dashcam  
**Model Name** | DR650S-2CH  
**Manufacturer** | Pittasoft Co., Ltd. / South Korea  
**Address** | 7F, BYC HIGHCITY Building A 131, Gasan Digital 1-ro, Geumcheon-gu,  
Seoul, Republic of Korea, 08506  
**Customer Support** | [cs@pittasoft.com](mailto:cs@pittasoft.com)  
**Product Warranty** | One-Year Limited Warranty  
**facebook.com/BlackVueOfficial**  
**[www.blackvue.com](http://www.blackvue.com)**  
**Made in Korea**

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**BLACKVUE™**

**DR650S-2CH**

**Quick Start Guide**



[www.blackvue.com](http://www.blackvue.com)

# BLACKVUE

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DR650S-2CH

For manuals, customer support and FAQs go to [www.blackvue.com](http://www.blackvue.com)

## Important safety information

For user safety and to avoid property damage, read through this manual and follow these safety instructions to use the product correctly.

- Do not disassemble, repair, or modify the product yourself.  
Doing so may cause fire, electric shock, or malfunction. For internal inspection and repair, contact the service center.
- Do not adjust the product while driving.  
Doing so may cause an accident. Stop or park your car in a safe place before installing and setting up the product.
- Do not operate the product with wet hands.  
Doing so may cause electric shock.
- If any foreign matter gets inside the product, detach the power cord immediately.  
Contact the service center for repair.
- Do not cover the product with any material.  
Doing so may cause external deformation of the product or fire. Use the product and peripherals in a well-ventilated location.
- If the product is used outside the optimal temperature range (-20°C - 60°C / -4°F - 140°F), performance can decline or malfunctions may occur.
- When entering or exiting a tunnel, when directly facing into bright sunlight, or when recording at night without lighting the quality of recorded video may deteriorate.
- If the product is damaged or the power supply is cut due to an accident, video may not be recorded.
- Do not remove the microSD card while the microSD card is saving or reading data.
- The data can be damaged or malfunctions may occur.

## FCC Compliance Information

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 protections 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.
- Only shielded interface cable should be used.

Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacture could void the user's authority to operate such 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 of this device.

**FCC ID: YCK-DR650S-2CH**

## **CAUTION**

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

There is a risk of explosion if the battery is replaced by an incorrect type.  
Dispose of used batteries according to the instructions.

## **CE WARNING**

- Changes and modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- It is desirable that it be installed and operated with at least 20cm or more between the radiator and a person's body (excluding extremities: hand, wrists, feet, and ankles).

## Disposal of your BlackVue dashcam

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1. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities. Contact local authorities to learn about disposal and recycling options available in your area.
2. The correct disposal of your BlackVue dashcam will help prevent potential negative consequences for the environment and human health.
3. For more detailed information about disposal of your BlackVue dashcam, please contact your city office, waste disposal service or the shop where you purchased the product.

## In the box

Check the box for each of the following items before installing the BlackVue dashcam.



Front camera



Quick start guide



Power cord



Cable clips  
(8 EA)



Double-sided tape for  
the Mounting Brackets



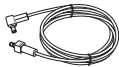
microSD Card



microSD card reader



Rear camera



Rear camera  
connection cable



Pry tool

### Need help?

Download the manual (including FAQs) and the latest firmware from [www.blackvue.com](http://www.blackvue.com)

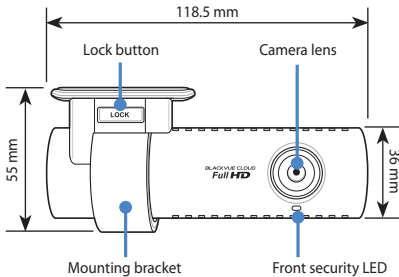
Or contact a Customer Support expert at [cs@pittasoft.com](mailto:cs@pittasoft.com)



## ► At a glance

The following diagrams explain each part of the BlackVue dashcam.

### □ Front camera

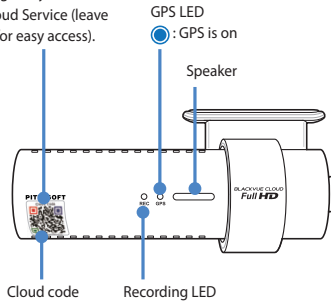


□ : Blinks slowly in normal and parking mode.

◻ : Blinks quickly when (i) an event is being recorded (impact detected), (ii) manual recording has started, or (iii) motion is detected in parking mode.

### QR Code:

Used to register your camera for the Cloud Service (leave attached for easy access).



GPS LED  
● : GPS is on

● : Blinks orange in normal mode.

● : Blinks red when (i) an event is being recorded (impact detected), or (ii) manual recording has started.

● : Blinks green when motion is detected in parking mode.

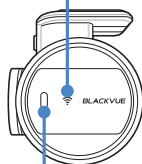
Wi-Fi/Internet LED



: Direct Wi-Fi is on.

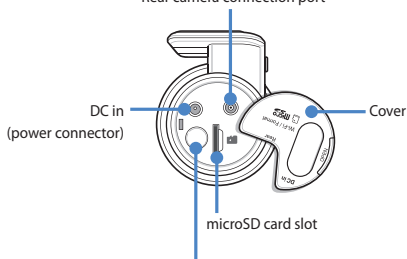


: Blinks when connected to the internet (Cloud connected).



Manual recording proximity sensor:  
Touch or wave a finger within 20mm of  
the sensor to start a manual recording.

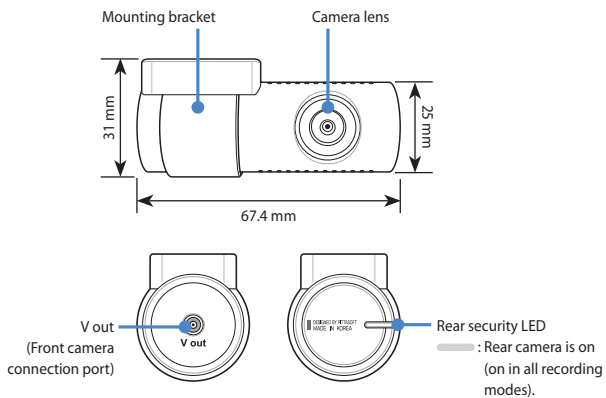
Rear camera connection port



Wi-Fi / Format button

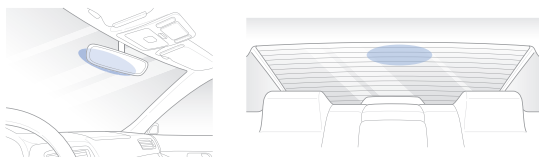
\* Self-format function: To format the microSD  
card press the button for 10 seconds until  
the dashcam beeps.

## □ Rear camera



## STEP 1 Install and power up

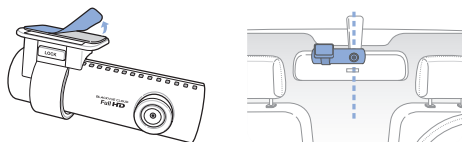
Install the front camera behind the rear view mirror. Install the rear camera at the top of the back windshield. Remove any foreign matter and clean and dry the windshield before installation.



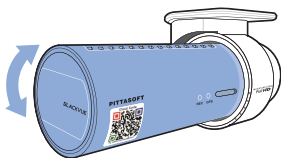
### ! Warning

- Do not install the product in a location where it can obstruct the driver's field of vision.

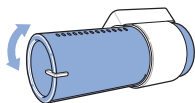
- Turn off the engine.
- Peel off the protective film from the double-sided tape and attach the front camera to the windshield behind the rear-view mirror.



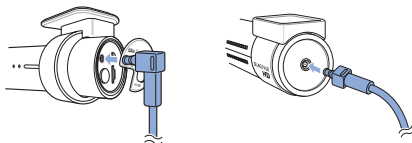
- Adjust the angle of the lens by rotating the body of the front camera. We recommend pointing the lens slightly downwards ( $\approx 10^\circ$  below horizontal), so as to record video with a 6:4 road to background ratio.



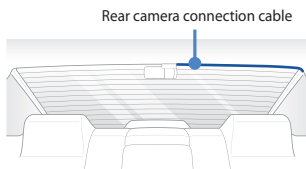
- D** Peel off the protective film from the double-sided tape and attach the rear camera to the rear windshield. Adjust the angle of the lens by rotating the body of the rear camera.



- E** Connect the front camera ('Rear' port) and the rear camera ('V out') using the rear camera connection cable.

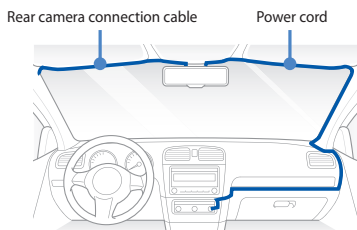


- F** Use the pry tool to lift the edges of the rubber window sealing and molding and tuck in the rear camera connection cable.



- G** Plug the power cord into the cigarette lighter socket and the front camera.

- H** Use the pry tool to lift the edges of the windshield trim/molding and tuck in the power cord.



- ① Turn on the engine. The BlackVue dashcam will power up and start recording. Video files are stored on the microSD card. When the microSD card fills up, the newest video files will start to replace the oldest video files (called **loop recording**) – so you will always have the most recent video files.



#### Note

- The recording LED blinks while recording (default setting) and the GPS LED is on when a GPS signal is received. There are 4 recording modes: Normal, Event, Parking and Manual. The dashcam starts recording in normal mode, switches to event mode when an impact is detected, and switches to parking mode if the vehicle is stationary for 10 minutes. Touching the **manual recording proximity sensor** will start a manual recording.
  - When you run the dashcam for the first time the firmware is automatically loaded onto the microSD card. After the firmware has been loaded onto the microSD card you can customize settings using BlackVue Viewer on a computer.
- ② Turn off the engine. The dashcam will automatically stop recording and power down. To record in parking mode while the engine is off please install a **Power Magic Battery Pack** (sold separately) or a **Power Magic Pro** (sold separately). A **Power Magic Pro** powers your dashcam when the engine is off by hardwiring it to the automotive battery. A low voltage power cut-off function and a parking mode timer protect the automotive battery from discharge.

## STEP 2 Playback

### □ Playing video files on your **smartphone** (Android/iOS)

- A Search for the BlackVue C app in the Google Play Store or Apple App Store and install it on your smartphone.
- B "Pair" your smartphone with the BlackVue dashcam via direct Wi-Fi:
  - (i) Go to your smartphone's **Settings** then select **Wi-Fi**, and make sure Wi-Fi is turned on.



- (ii) Choose your BlackVue dashcam from the network list. The dashcam's default SSID begins with its model number (e.g. DR650S-\*\*\*\*\*).
- (iii) Enter the default password '**blackvue**' and tap Join.
- (iv) Open the BlackVue C app and select BLACKVUE WI-FI.