

# DASHCAM



NORDVÄL DC102-4K



## English



NORDVÄL

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Your smart technology friends.



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# HELLO,

Thank you for purchasing the DC102-4K dashcam. Let's get started!

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# DECLARATION OF CONFORMITY

## Product information

For the following

Product: Dashcam

Type: DC102-4K Dashcam



## Declaration and applicable standards

Hereby, TJM Supplies B.V. declares that the type of dashcam DC102-4K series conforms to: Directive EMC 2014/53/EU and the RoHS directive (2011/65/EU) and its amendment directives 2015/863/EU on the restriction of the use of certain hazardous substances in electronic equipment.

The full text of the EU declaration of conformity can be found at the following internet address: [www.nordval.eu/declaration-of-conformity/](http://www.nordval.eu/declaration-of-conformity/)

## Importer

|                          |  |
|--------------------------|--|
| Company:                 | TJM Supplies B.V.  |
| Address:                 | Zompstraat 8<br>8102 HX Raalte<br>The Netherlands            |
| Email:                   | <a href="mailto:info@tjmsupplies.nl">info@tjmsupplies.nl</a> |
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| Business license number: | 72016981   |
| VAT number:              | NL858946439B01   |

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Manufactured in China.

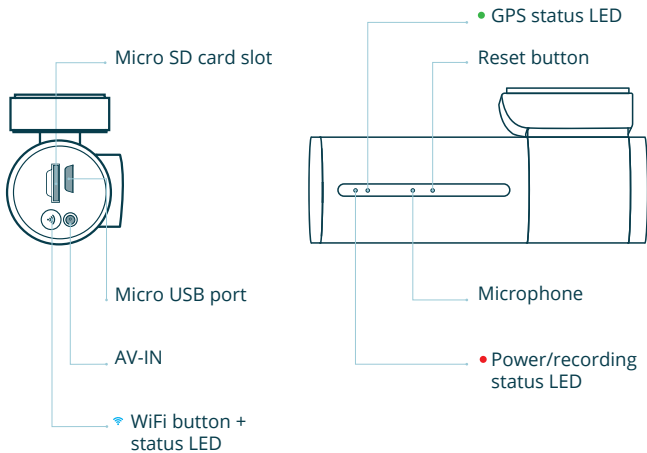


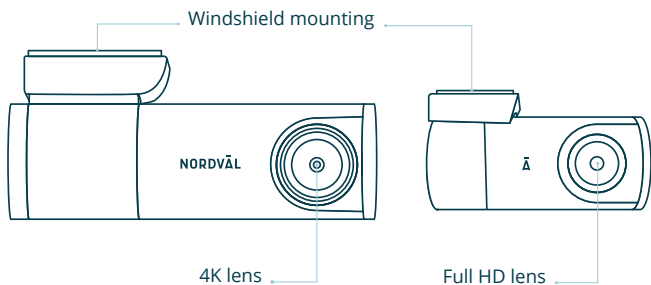
## WHAT'S IN THE BOX

Please check the box for each of the following items before installing your dashcam:

- ▶ Nordvål DC102-4K front and rear camera
- ▶ USB cable
- ▶ Micro SD card
- ▶ Cable clips + pry tool
- ▶ 12V power cable (cigarette lighter)
- ▶ 3M tapes
- ▶ AV cable for rear camera
- ▶ User manual

## DC102-4K Details





## DC102-4K Buttons and functions

| Button | Function            | Instructions   |
|--------|---------------------|--|
| WiFi   | Enable/Disable WiFi | <p>Press the button for about 3 seconds to turn WiFi on or off.</p> <p>Press and hold the button for about 10 seconds to format the SD card.</p> |

## DC102-4K LED status

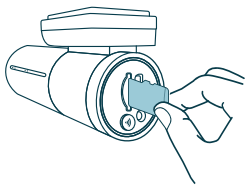
| LED light | Function        | Meaning  |
|-----------|-----------------|--|
| Blue      | WiFi status     | The <b>blue</b> LED lights up when the WiFi is turned on.          |
| Red       | Power/recording | The <b>red</b> LED will flash when the dashcam is recording.       |
| Green     | GPS status      | The <b>green</b> LED lights up when the dashcam has GPS reception. |

# INSTALLING YOUR DASHCAM

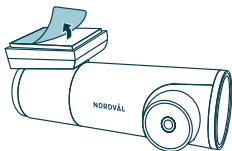


Caution

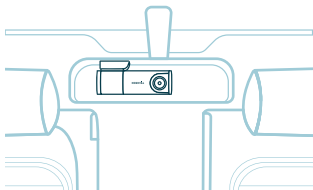
- Do not install the product in a location where it may obstruct the driver's field of vision.
- Attach the camera to the windshield, behind the rear-view mirror. Clean and dry the windshield before installation.



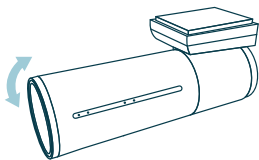
- 1** Turn off the engine. Carefully insert the micro SD card into the micro SD card slot until it clicks.



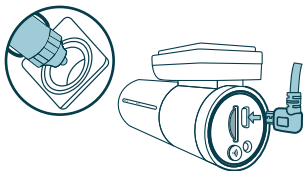
- 2** Remove the plastic film from the front camera. Remove the protective film from the 3M tape.



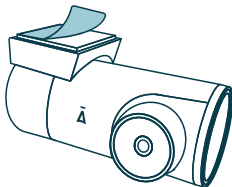
- 3** Attach the camera to the windshield, behind the rear-view mirror.



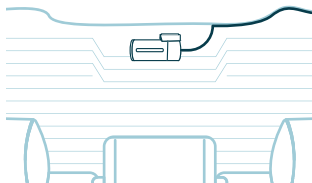
- 4** Adjust the angle of the lens by rotating the camera about 10° downwards. This ensures that the camera records with a good aspect ratio. It is recommended to maintain a ratio of 2/3 road and 1/3 air.



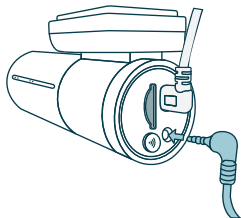
- 5** Plug the 12V power cable into the car's cigarette lighter and plug the cable into the dashcam.



- 6** Remove the plastic film from the rear camera. Remove the protective film from the 3M tape.



- 7** Attach the camera to the rear window in a place where the view is not obstructed.



- 8** Connect the front and rear camera with the AV cable.

- 9** Start the engine. The dashcam powers up and starts recording. Video files are stored on the micro SD card. When the micro SD card is full, the newest video files will replace the oldest video files (loop recording). This means that the SD card always contains the most recent recordings.

# INSTALLING WITH PMPC01 (OPTIONAL)



Caution

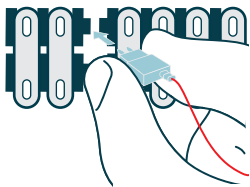
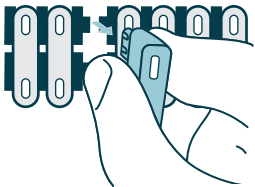
- Read this manual carefully before installation and, if in doubt, consult an authorized installer.
- Nordvål is not responsible for any damage caused by incorrect connection or by not following the instructions in this manual.

## 1 Stop the engine and remove the fuse box lid.

Refer to your car owner's manual to locate the fuse box and remove the lid. The location and layout of the fuse box and the type of fuse depends on the brand and type of vehicle.

## 2 Connect the red ACC(+) fuse to the fuse box.

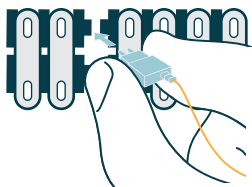
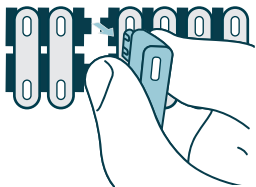
Find a spare switched fuse or remove a switched fuse from the fuse box. Then place the red ACC(+) fuse in the referred place.



### 3 Connect the **yellow BATT(+)** fuse to the fuse box.

Find a spare constant fuse, or remove one from the fuse box.

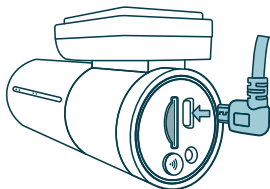
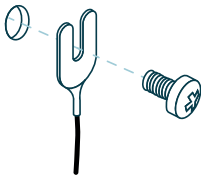
Then place the yellow BATT(+) fuse in the referred place.



### 4 Connect the **black GND** wire to a ground point.

Attach the GND wire to a grounding point, such as a bolt located directly on a metal part of the vehicle frame.

Connect the micro USB cable to the Nordvål dashcam and start the engine. Check if the dashcam turns on and keeps recording when you stop the engine.



## CONNECTING TO THE APP

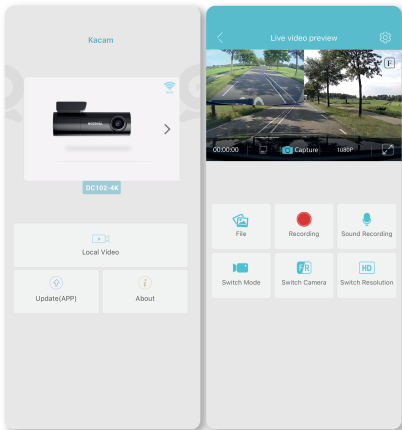
Download the "Kacam" app by scanning the QR code provided on this page, or by searching for it in the app store.



iOS



Android



Open the WiFi settings on your smartphone and select the network: "DC102-4K". Use the default password 12345678 to connect.

Once connected, open the app to see live video, change the camera settings, or download recorded videos and photos.

### Note



When you connect your smartphone to the dashcam for the first time, your smartphone will ask if you want to keep or break the WiFi connection.

Choose to keep WiFi connection.



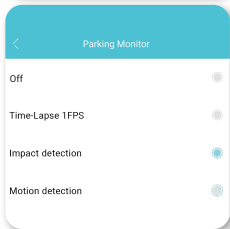
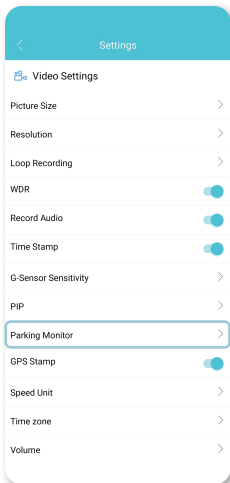
For the app to work properly, it is important that your location settings are enabled in your smartphone.


# SETTING THE PARKING MODE



Caution

- The parking mode option is only available after connecting the PMPC01 hardwire cable (page 7).



Open the app and go to  “settings”. In the menu, choose “Parking Monitor” to set the parking mode. The dashcam will enter parking mode as soon as you stop the engine. You can choose from the following options:

## Off

Parking mode is disabled.  
The dashcam will switch off entirely.

## Time-Lapse 1FPS

In Time-Lapse mode, the dashcam will continuously record with 1 frame per second.

## Impact detection (Default)

Thanks to the built-in G-sensor, the dashcam gets activated by vibrations and shocks.

## Motion detection


Thanks to the built-in motion detection, the dashcam gets activated by movements.

### Note

The “impact detection” recordings will be placed in the **Event\_recordings** folder on your SD card. They are easy to find, and will not be overwritten by other recording types.



# PLAYBACK RECORDINGS

- 1 Download the GPS video player software from the following link: [www.nordval.eu/downloads/dashcams/](http://www.nordval.eu/downloads/dashcams/)
- 2 Copy the download file to a computer and install it.
- 3 Open the installed GPS video player software.
- 4 Remove the micro SD card from the dashcam.
- 5 Connect the micro SD card to the computer using an SD card adapter.
- 6 Click on  File. Choose the file you want to play and open it. The GPS video player will now start playing the video.



GPS / Route



Direction

Video player

File information

Speed

---

## FREQUENTLY ASKED QUESTIONS

### **The dashcam does not record or suddenly stops recording.**

Check the power supply and/or format the SD card in the camera or a computer.

### **How do I format the SD card and reset the camera?**

While recording, the red LED flashes. Press and hold the WiFi button for 10 seconds to format the SD card. The LED will stop flashing and will light constant red. Once the LED starts flashing again, the SD card is formatted. The camera settings have now been reset to default.

### **I cannot find the dashcam in my WiFi settings.**

Turn on the dashcam's WiFi by pressing the WiFi button. The blue LED on the WiFi button lights up when the WiFi connection is enabled.

### **I cannot connect to the dashcam's WiFi.**

Disable the smart network switch on your smartphone and/or forget the WiFi network of your dashcam from the WiFi settings and reconnect (see page 9).

### **The WiFi disconnects automatically.**

When you are connected to the dashcam via WiFi, it will automatically turn off after a few minutes (when there is no app activity).


### **There are horizontal stripes in the recording.**

Go to settings and adjust the frequency based on the power supply (60Hz or 50Hz).

### **My dashcam does not record in parking mode.**

Check whether the parking mode is set correctly, or let an authorized installer check the physical installation. For more information about the installation and software settings, see pages 7, 8 and 10.

## How can I change the WiFi password?

Open the app and go to  "settings". In the menu, choose "Modify Camera WiFi". Here you can view and/or change the WiFi data.

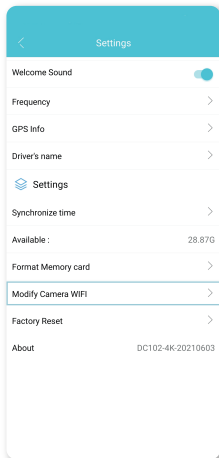
## I forgot the WiFi password.

If you forgot your WiFi password, you can format the dashcam and reset it to factory settings. The password will be then reset to the default password 12345678.

**\*Important:** Save important recordings before formatting the SD card.

## Is your question not answered?

The FAQs and associated solutions and tips are covered above. Is your question not listed, or the possible solution did not help? Then go to [www.nordval.eu/products-faq/](http://www.nordval.eu/products-faq/) for more tips, or get in touch with us.



# PRODUCT SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Product name          | Nordvål DC102-4K   |
| Color / Size / Weight | Front camera: black / 10 x 4,5 x 3cm / 123g<br>Rear camera: black / 5,7 x 3 x 3cm / 32g                            |
| SD card               | Micro SD, class 10 or higher, up to 128GB  |
| Recording modes       | Normal, Impact, Time Lapse and Parking Mode*<br><small>*For parking mode, use the optional Nordvål PMPC01.</small> |
| Viewing angle         | Front camera: 140° wide angle lens<br>Rear camera: 135° wide angle lens  |
| Video resolution      | Front camera: 4K 3840 x 2160 @ 30FPS<br>Rear camera: Full HD 1080p (1920 x 1080p) @ 30FPS                          |
| Video codec           | H.265  |
| Video file format     | MP4  |
| Photo file format     | JPG  |
| GPS                   | Built-in   |
| WiFi                  | Built-in   |
| G-sensor              | Built-in   |
| Microphone / Speaker  | Yes / Yes (Voice guidance in English)  |
| Micro USB port        | Built-in   |
| Time and date setting | Yes  |
| Loop recording        | Yes, 1 / 3 / 5 minutes   |
| Input                 | 12 volts and 24 volts  |
| Power consumption     | 5V 2.5A  |
| Battery               | Super capacitor  |
| Operating temperature | -20°C to 60°C  |
| Warranty              | 2 years  |
| Length 12V cable      | 3,5 meters   |
| AV cable length       | 6,5 meters   |

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