



NEOLINE

NEOLINE ARGUS 4K / 4K DUAL

Car digital video recorder



QUICK START GUIDE

You can find the full manual in the official website.

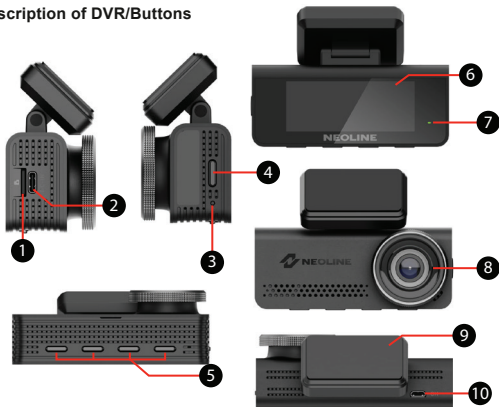
Official website: www.neoline.com

Specifications

- Video Resolution:
 - Front camera: 3840x2160;
2848x1600;
1920x1080;
 - Rear camera: 1920x1080;
- Viewing angle:
 - Front camera: 140°
 - Rear camera: 120°
- Display: 3.19", IPS
- Built-in supercapacitor
- Built-in microphone/speaker
- Built-in Wi-Fi module
- Content control via WiFi (App for iOS and Android)
- Built-in GPS/GLONASS module
- G-sensor
- Parking mode
- Loop recording: 1/2/3 min
- Date and time stamp
- State number stamp
- ADAS (LDWS, FCWS and FVSA) function
- MicroSD up to 256GB (Class 10)
- Storage temperature: -30° to + 80° C
- Operating temperature: -20° to + 65° C
- Input voltage: DC 5V, 2 A
- Dimensions: 104x39x65 mm
- Weight: 145 g

*Additional camera only in ARGUS 4K DUAL.

Description of DVR/Buttons



1. Memory card slot
2. Type-C power cable socket
3. RESET button
4. ON/OFF button
5. Control buttons

6. Display
7. Operation indicator
8. Lens/CPL filter
9. 3M tape holder
10. Rear camera connection

Indicator description

| Indicator light | Description |
|-------------------|---|
| Green - Always ON | Recording. |
| Blue - Always ON | "Wi-Fi" access. Recording stopped. |
| Red - Always ON | Incorrect recording / no micro SD card. |
| Green - Flashing | Recording a video of the emergency. |
| Blue - Flashing | Processing tasks (firmware upgrades). |

DVR connection

Wi-Fi APP page: <https://info.neoline.com/argus4k>


1. Download the App.
2. Turn on Wi-Fi on the video recorder in the main settings.
3. Connect to a Wi-Fi network with a smartphone:
SSID: Neoline_Argus 4K_XXXX
Default password: 1234567890
4. Activate the app on your smartphone (Give the permissions requested in the application.)



Description of the symbols displayed on the screen

 **Rec** The flashing red symbol indicates the video recording mode.

 "Wi-Fi" network status symbol.

 The symbol is displayed when the parking mode is activated when the device is connected using the original parking cable.

Formatting a Micro SD memory card

Attention! Once the memory card has been formatted, all its data is deleted. Make sure you have saved important data elsewhere, e.g. on your computer.

Recording mode

Loop recording mode (enabled by default) is designed to create video files of a certain length. When there is no more space on the memory card, the device automatically replaces the oldest video file with the newest one, exception: files that are protected from deletion. All files recorded in "Loop Recording" mode are stored in the "NORMAL" folder.

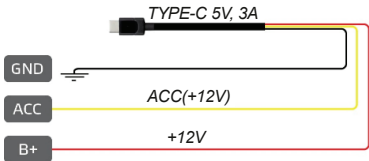
Emergency recording is activated automatically when the G-sensor is triggered (sudden acceleration/deceleration) or in the event of a collision. The emergency record is automatically locked to prevent deletion during loop recording. Overwrite-protected files are stored on the memory card in the "EVENT" folder.

Attention! Overwritten files cannot be recovered. In case of an accident, we recommend that you stop recording and save the relevant recordings to your phone or computer.

Parking mode

To activate the parking mode, you will need to connect a original cable (check the package information on the box), which will allow you to activate Time Lapse or emergency recording while the engine is off. Loop recording is not available in parking mode. Emergency recording begins 5 seconds after the G-Sensor is triggered.

Attention! Route the power cable to the fuse block as shown in the scheme below. The function will not work if the connection is incorrect!



Connect the BATT (+) power cord to the source providing stable 12V voltage.
Connect the ACC cord to the power source (ignition circuit).
Connect the GND (-) cord to the car earth.

ADAS function (BETA version)

It works at a vehicle speed of 60 km/h.

LDWS (Lane Departure Warning System) is a system that monitors the car's lane and warns if it changes. Its main purpose is to prevent uncontrolled lane departure.

FCWS (Forward Collision Warning System) is a system that monitors the distance to the vehicle ahead and warns the driver with an alarm in the event of a dangerous approach.

FVSA (Forward Vehicle Stop Alarm) - warning of the start of movement of the vehicle in front. If you're stuck in traffic and the car in front of you moves forward, the system will warn you that it's time to move.

Device update

To update the device visit <https://neoline.com/update/> and select Argus 4K as your video recorder model. Download files and copy them to the card. Insert the memory card into memory card slot of the device. After switching on the update will begin automatically.

Operating Conditions

Please read the warranty conditions carefully. If the appliance is not working properly, please try to update the software (firmware) before contacting your service center/seler or any other authorised organisation. You can download the latest version of the software at <http://neoline.com/update/>. You can find the update instructions at the address above. If you have any difficulties with the software update process, please contact Customer Service at the phone numbers listed on the company's website.

Customer Support Service: <https://neoline.com/about-us/>

- Never insert or remove a memory card when the DVR is turned on. This can damage the device and the recorded video files.
- Use only high-quality microSD cards of at least Class 10 with UHS-I...UHS-III connectivity to avoid recording failures and playback delays. It's recommended to use memory cards from **64GB to 256GB**.
- This device can only be used with the included accessories. If third-party accessories are used, Neoline is not responsible for any damage to the product.
- The CPL filter improves image quality in sunny conditions.
- Do not expose the product to fire, moisture or chemicals (petrol, solvents, reagents, etc.).
- Do not disassemble or modify the product.
- Neoline is not responsible for any data loss and/or direct or indirect damage caused to the user or a third party due to improper use of the device or software, incorrect installation or use of accessories not included in the package.

CAUTION! In some cars, the 12/24 V power socket is powered even when the engine is turned off. It is recommended to disconnect the device from the power socket to avoid draining the battery.

- Format the microSD card at least once every two months to avoid damaging its file system.
- Observe the storage and use temperature conditions (see specifications). Do not expose the device to sunlight for too long.
- The device is designed for use on cars with a transparent windscreen or a light-coloured heat shield for the windscreen. If the windscreen is tinted or covered with a dark heat shield film, the video quality is reduced.
- Holder with 3M adhesive tape for permanent installation. For this reason, please choose the installation location of the device in advance.
- Install the DVR so that you get the maximum field of view. DO NOT use the DVR in an area where it may obstruct the view and impair safe driving. Neoline and its authorized partners are NOT RESPONSIBLE for any damage or data loss due to improper installation of the mount.
- Rear camera shall only be installed inside the car. It is recommended to be mounted on the rear window in a clean place. When installing the rear camera, make sure that there are no hot threads in the glass in the field of view of the camera.
- A built-in supercapacitor helps to complete the recording properly. The device requires a permanent power supply for proper operation.
- In accordance with local laws, do not use the device while driving to ensure safe driving.
- Before using the device, set the correct date and time.
- Heating of the casing during operation is normal.
- Handle the device with care and do not drop/crush it. The manufacturer reserves the right to change the list of equipment, hardware and software without prior notice.
- It is assumed that you agree to the above terms before using the system.
- This User Guide is valid at the time of printing. The latest version of this manual can be downloaded from the official website www.neoline.com.

Limited Warranty

In the event of any defect in your device that prevents you from using it normally, you must notify the seller immediately and present the device with proof of purchase.

The manufacturer is not obliged to provide a warranty in the following cases:

- if the product intended for personal (home family) use was used for commercial purposes and other purposes that do not correspond to its purpose;

- if any of the listed operating rules and conditions, or the installation process of the device was not followed according to the manual;
- if the product shows signs of unauthorised repair;
- if the damage was caused by force majeure, accident, intentional or negligent acts of users or third parties;
- if the detected damage is due to the entry of foreign objects, substances, liquids, insects into the interior of the product or due to extreme temperatures;
- degradation over time of consumable parts, such as a battery, unless the failure is due to defects in materials, design or manufacturing.

The warranty obligation does not cover the following defects:

- mechanical damage that occurred after the product was delivered to the consumer;
- damage caused by negligent use and non-compliance with the user manual;
- natural wear and tear of elements when exceeding the specified norms of normal operation, as well as natural wear and tear of elements of the body of movable devices;
- damage or non-standard performance caused by:
 - Non-standard parameters for power supplies, cables and other external factors;
 - Using non-standard and/or low-quality materials, parts, accessories, power supplies, software, memory cards not recommended or supplied by the manufacturer: Program viruses. To avoid misunderstandings, you should carefully read the instructions for use and check that the warranty certificate has been filled in correctly. The warranty certificate is valid if it clearly states the information about the product: model, serial number, date of purchase, warranty period, the seller's seals are clearly visible in all the necessary places, and there is a buyer's signature. If any of the above rules are violated and the data contained in the guarantee is altered, deleted or overwritten, the guarantee shall be considered null and void. Neoline has the right to refuse to grant the warranty if any of the following conditions are not met.

Troubleshooting

- Cannot take a photo and/or record a video.

Check that the MicroSD card has enough free space and is not blocked.

- Recording stops on its own.

Too many video files recorded. Use only microSD cards from verified manufacturers with at least Class 10 high-speed.

We recommend using 128 GB memory cards that are ready for 4K recording

- When you try to view/restore a photo or video file, the message "invalid file" appears on the screen.

Incomplete file recording due to microSD card file system error. Format the microSD card.

- Blurred image.

Check the lens for protective film, dirt or fingerprints. Wipe the lens with a soft cloth before use (it is recommended to use special optical care products to avoid damaging the lens surface).

- Darkening of the image when photographing sky or water.

Too much contrast in the scene can affect exposure.

Change the exposure in the settings menu.

- Hangup: No Image, No Button Response.

Press the RESET button to restart the device.



This sign on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headphones, USB cable) must not be disposed of with other household waste after their lifetime. To avoid potential damage to the environment or human health due to uncontrolled waste disposal, separate these items from other types of waste and recycle them in a responsible way to promote the sustainable recycling and reuse of material resources. Household consumers should contact the retailer where they bought the product or their local authority to find out where and how they can take these products for environmentally safe recycling. Business users should contact their supplier to check the terms of the purchase agreement. This product and its electronic accessories must not be mixed with other commercial waste.

CE EAC FCC RoHS 

Manufacturer for UAB NEOLAINAS
Made in PRC

Technical support: support@neoline.com

Warranty: 24 months

5V DC, 2 A

Operating temperature: -20° to +65° C