CAR FORCE

A500
CAR DVR
USER MANUAL

1080p FULLHD

170° WIDE ANGLE

H.264 MOV

WDR WIDE DYNAMIC RANGE

P PARKING MODE

G-Sensor

MOTION SENSOR

2" LCD

ver. 1.0

Thank you for choosing CARFORCE video recorder. This product is used to record an image that is identical to what the driver sees when driving a car. By documenting the driving history, you can perform a detailed analysis of the traffic event recorded in the video. we believe that by offering the product to you, we will increase the road safety. NOTE! Images of third parties may appear on camera recordings. It is not permitted to publish these images e.g. on the Internet without the consent of these persons. In some countries, the use of driving recorders is prohibited under financial penalty. Before travelling abroad, check the regulations in the specific country.
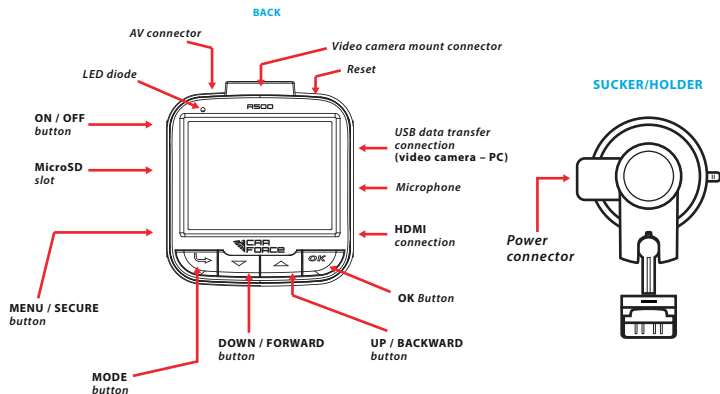
SCOPE OF WARRANTY AND LIABILITY

The device is a part of the car equipment used for recording image and sound. In the event of a traffic accident, the recorded material may be used for evidence purposes.
We cannot guarantee that the device will capture all images / sounds related to the accident. Image / sound quality may vary depending on weather conditions.

Manufacturer and seller are not responsible for any damage and / or loss of data caused by possible malfunction of this device.

The service life of each memory card is limited. After some time, data stored on the card may be damaged or lost due to electrostatic discharges and / or external voltage and standard wear. That is why we recommend users to copy and save important data to an external disk (hard disk, CD, portable memory, etc.).

DEVICE DIAGRAM

BACK

AV connector

Video camera mount connector

LED diode

Reset

SUCKER/HOLDER

ON / OFF *button*

USB data transfer connection (video camera – PC)

MicroSD *slot*

Microphone

HDMI *connection*

Power connector

MENU / SECURE *button*

OK *Button*

MODE *button*

DOWN / FORWARD *button*

UP / BACKWARD *button*

On / Off button:
Turns the device on or off.

MENU / Secure button:
Enters and exits the settings menu of the current mode
(when recording is turned off). Pressing it twice will bring up
the second settings menu.

During recording, it acts as a file securitisation button.
Pressing it will mark the recording as valid and
will secure it from being deleted / overwritten.
In playback mode, it displays the menu.

MODE button:
Switching the device modes: camera / camera / playback.
Activation / deactivation of recording sound in recording mode.
Exit from menu.

Down / previous button:
Used to navigate the menu and saved files.
In video playback mode, it reduces the playback speed.
In recording and playback mode, it is responsible for zooming out.

Up / Next button:
Used to navigate the menu and saved files.
In video playback mode, it increases the playback speed.
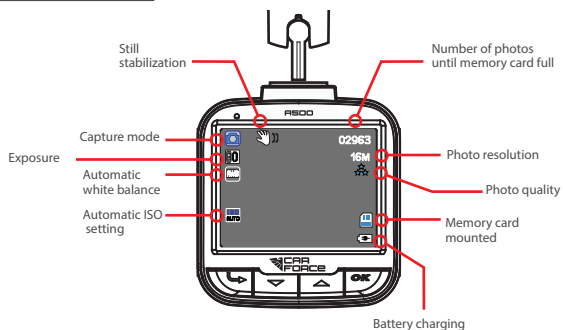In recording and playback mode, it is responsible for zooming in.

OK button:
Used to change the settings in the menu and as a function button
(rec / play / pause / shutter).

Recording function

WDR mode enabled

Audio recording

Recording mode enabled

Recording function

Recording loop time

Exposure

Duration of the recording

Recording resolution

Memory card mounted

2019/07/22 15:55:07

Date and time of recording

Battery charging

00:00:14

1080FHD

Capture function

Still stabilization

Number of photos until memory card full

Capture mode

Exposure

Automatic white balance

Automatic ISO setting

02963

16M

Photo resolution

Photo quality

Memory card mounted

Battery charging

1 **Turning recording on/off:**

The CarForce A500 dashboard camera will start recording immediately after installation and activation. In order to turn the recording off and on again, press the **OK** button (*1). If recording is turned off, the recording time will disappear from the screen.

During the recording of the route, it is possible to turn the sound recording on / off using the **FORWARD** button (*2).

2 **Securing the recording :**

In order to secure the file, the camera must be set in recording mode. To protect the recording from overwriting, press the **MENU / SECURE** button. While saving the file, a key icon will appear on the screen. The file will be saved to the memory card in a separate folder.
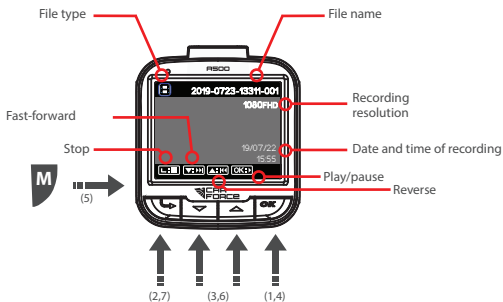
3 **Taking a photo:**

In order to take a photo with the dashboard camera, turn off the recording mode by pressing the **OK** button (*1) and press the **MODE** button (*2). The camera icon message, set image quality and resolution, automatic white balance, exposure and ISO settings will appear on the screen. The device can now take a picture by pressing the **OK** button (*3). To return to recording, press the **MODE** button (*4) twice.

4 **Browsing saved files:**

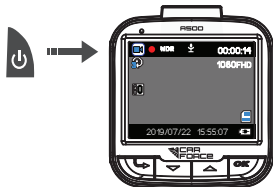To check the recorded files, turn off the recording mode by pressing **OK** (* 1) and press the **MODE** button (*2) twice. The saved files will appear on the screen. To browse the files use the **DOWN** and **UP** buttons (*3). The video is started and stopped with the **OK** button (*4). To continue displaying the remaining files, press the **MENU** button (*5).

he video can be fast-forwarded or reversed using the **DOWN** and **UP** buttons (*6). Files that are secured against overwriting have a key icon. Saved files can also be protected or deleted by pressing the **MENU** button **(to delete a file previously protected against overwriting, it should be first unblocked)**. To return to recording, click the **MODE** button (*7) once.

File type

File name

Fast-forward

Stop

Recording resolution

Date and time of recording

Play/pause

Reverse

(5)

(2,7)   (3,6)   (1,4)
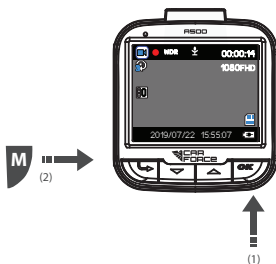
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5 **Switching off:**

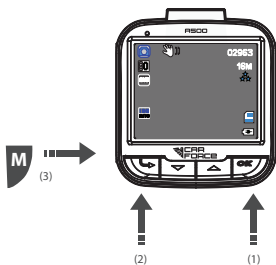To turn off the device, keep pressing the **ON/OFF** button for approx. 2s.

1

Recording mode and settings menu:

To start the device settings and recording menu, turn on the camera and turn off recording by pressing the **OK** button (*1). Then click the side **MENU** button (*2).
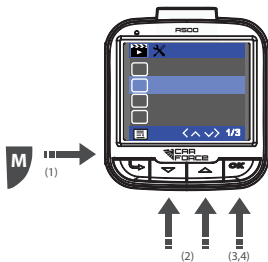
Menu for capture mode and settings:

To start the device settings and photo settings menu, turn on the recorder, turn off recording with the **OK** button (*1) and click the **MODE** button (*2), which starts the function of taking photos. Then click the side **MENU** button (*3).
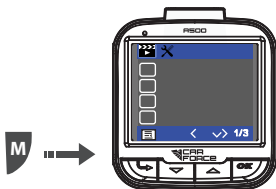
2

After selecting the menu in which the changes will be made, it is still necessary to choose whether the changes should relate to the video recorder function (recording or capture) or device settings. The selection is made by pressing the **MENU** button (*1).

Move through the menu using the **DOWN** and **UP** buttons (*2). After selecting the function to be modified, open it with the **OK** button (*3). The change is validated with the **OK** button (*4).

3

After making changes to the settings and accepting them, press the **MENU** button again to return to the main screen.

Resolution:
1080 FHD
720P 60FPS
720P 30FPS
WVGA
VGA

Recording sound during movie recording:
off
on

Loop recording:
1 minute
3 minutes
5 minutes
10 minutes

Shock sensor sensitivity:
off
high sensitivity
medium sensitivity
low sensitivity

Wide Dynamic Range - extended tonal range:
off
on

Recording date:
no
yes

Exposure:
+ 2.0
∧
+ 0.0
∨
- 2.0

Parking mode (the device starts recording when motion is detected)**:**
off
on

Motion detection:
off
on

Parking mode sensitivity:
high
mediun

Capture mode
(standard / self-timer)**:**
pojedyncze
2 seconds
5 seconds
10 seconds

Photo color selection:
normal
black/white
sepia

Resolution:

16M	3M
12M	2MHD
10M	1.3M
8M	VGA
5M	

ISO selection:
auto
100
200
400

Sequence - continuous shooting:
off
on

Exposure:
+ 2.0
⌃
+ 0.0
⌄
- 2.0

Quality:
high
normal
low

Reducing vibrations:
off
on

Sharpening:
strong
normal
light

High tonal range photo:
off
on

White balance:
auto
daylight
cloudy
incandescent light
fluorescent light

Setting the date to be r ecorded on photos:
off
date
date / time

Change of date, time and display format

Screen refresh rate:
50 Hz
60 Hz

Automatic shutdown:
never
after 3 minutes
after 5 minutes
after 10 minutes

Screen blanking:
always on
after 3 minutes
after 5 minutes
after 10 minutes

Key sound:
off
on

Formatting memory card

Change language

Restore factory settings

TV mode:
NTSC
PAL

Software version