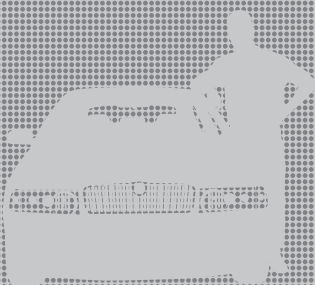


SENCOR

Let's live!



CAMERA

USER'S MANUAL

KAMERA

NÁVOD K OBSLUZE

KAMERA

NÁVOD NA OBSLUHU

KAMERA

HASZNÁLATI ÚTMUTATÓ

KAMERA

INSTRUKCJA OBSŁUGI

SCR 1100

EN

CZ

SK

HU

PL



1. Important safety instructions

Carefully read this manual before using the device. It contains important information about safe use, operation and possible troubleshooting. Keep the user's manual in a safe place for possible future reference. If you are planning to sell or hand the unit over to another person, please include also the user's manual so that the new owner can also get acquainted to the unit.

Warning

- Protect the motor from scratching.
- Do not use force to connect the USB cable. Always make sure that the device you are connecting the USB cable to is in the off state.
- Do not insert any other connectors to the USB port than those specified for the given port size.
- Be careful when handling the monitor to avoid damage.
- Protect the unit from shocks. Do not expose the unit to extreme temperatures, direct sunlight etc.
- Before installation, please degrease the glass contact area, then make sure the holder is firmly attached to prevent the camera from falling.
- Take care and do not apply force when inserting the microSD card. Before inserting the microSD card, make sure to turn the unit off.
- As there is a wide range of microCD cards available on the market, full compatibility with all of them cannot be guaranteed.
- Do not expose the unit or accessories to dripping or splashing water. Protect them from moisture, dust and dirt. Do not put any containers filled with water, e.g. vases on the unit.

- Do not expose the unit to heat sources, such as sunshine. Do not place a naked flame source, such a candle on or in the vicinity of the unit.
- Use only a dry cloth for cleaning. Never, under any circumstances use petrol, thinners, ammonia or any similar substances.

2. Unit description



- | | |
|---------------------------|-----------------|
| 1) OK/POWER button | 8) RESET button |
| 2) MENU/MODE button | 9) Lens |
| 3) UP button | 10) Loudspeaker |
| 4) DOWN button | 11) Display |
| 5) Mount seat | |
| 6) USB port | |
| 7) MicroSD card slot (TF) | |

3. Operation

3.1. Description and functions of buttons in operating modes

MENU button

Attention: Pressing will stop the measurement recording!

One press to setup the camera, two presses to exit settings.

UP button

- UP function in menu and settings

OK button

- Confirm button in menu and settings
- Camera release and record or playback start/stop

DOWN button

- DOWN function in menu and settings
- Microphone mute (display: crossed microphone icon)

MODE

- In standby, it switches among operating modes Photo - Recording - Playback
- During recording, it functions as a lock to prevent the current recording from erasing.

Memory card slot

Please use a MicroSD (HC) memory card for slot. You cannot shoot videos or take photos when no function card is inserted.

- **Inserting the card:** insert the card into the unit while it's POWERED OFF in the correct direction as shown on the unit (the gold-plated contact areas should towards the lens, the recession in the card body upward). Insert the card e.g. with your nail about 1mm under the surface until your hear a slight clicking sound of the lock mechanism. When released, the card be seated in place. Be careful to keep holding the card slightly, otherwise it may eject!
- **Ejecting the card:** Press the card e.g. with your nail about 1 mm under the surface until your hear a slight clicking sound of the lock mechanism. When released, the card is ejected and can be removed. Be careful to keep holding the card slightly, otherwise it may eject!

Notes:

The high-resolution recording requires that a 8-32GB card with fast write speed and class 10 or higher should be used. Despite the utmost compatibility efforts, the usability and undisturbed operation of all commercially available memory devices cannot be guaranteed. If the card function or record contents does not meet your expectations, format the card in your PC, then also in this unit. If the card malfunction persists, please use other card and a faster one, if possible.

**ATTENTION:**

Both the card inserted and the unit's memory use the technology sensitive to high temperatures and temperature surges. Therefore, avoid leaving these memories in high-temperature environments (such as behind a car window in summer) and/or exposing them to temperature surges (such as in winter). This could lead to temporary or permanent damage to the memory stored contents.

USB data interface

- Powering the unit and internal battery charging during operation. The camera battery is designed just for bridging purposes due to the camera size, being able to power the camera for a short time only.
- Connecting to PC for data transfer according to the menu setting.

Reset opening

- If the unit has stopped operating and does not respond to key operation even though it's charged, press briefly the button under the Reset opening. To do this, use a thin flat object, such as a ball pen point. The unit will be powered off.

POWER ON/OFF

Long press (for 2 sec.) to power the unit on/off.

Operation indicator (blue)

It lights steadily in power-on and standby mode and flashes slowly during recording even if the screen has been dimmed automatically or manually.

Internal battery charging indicator (red)

It lights steadily until the battery is fully charged even if the camera is powered off.

Microphone

It picks up the sound inside the car cab during recording unless disabled in the unit settings or unless the microphone is disabled manually by the Down button.

Screen

In addition to the image currently being recorded/played back, it also shows the unit setting and mode, as well as date/time, exposure resolution, inserted card, battery charge status and power connection. During the setup, unit menu (OSD) is shown.

Holder groove

Insert the unit carefully with this groove ("rail") in the mount on car glass or other suitable smooth surface.

3.2. Installing the mount on the car glass

(In soft transparent foil is attached to the piston, remove the foil before installation):

Release the mount's soft piston (move the lift lever away from the piston). Select a location providing outlook from your car that suits you the best. Place the soft piston on smooth, clean and degreased glass surface inside the car cab. Move the lift lever all the way up to the mount body. The soft piston will thus create underpressure to hold both mount and camera firmly in place. Insert the camera on the mount (in the groove). Loosen the joint locking nut slightly and adjust the camera in the desired direction. Then tighten the nut slightly.

Also, make a couple of test recordings with different resolutions and camera positions to match the result to your expectation. When OK, tighten the camera joint locking nut slightly.



ATTENTION:

Do not use excessive force when handling and working with the mount and the camera. Both parts are very lightweight and are not exposed to any mechanical stress during operation.

3.3. Description of special functions

- G-sensor function - if the unit's acceleration reaches 6g ($1g = 9.81ms^{-2}$), the unit will mark the recording currently in progress as locked, protected from being erased by automatic overwriting.
- Auto power on/off - support of the camera power on/off and recording start/stop in sync with the on-board network. If the car power supply socket is connected correctly, the camera will power on and starts recording when the ignition key is turned on (ACC position) and will stop recording and power off when the ignition key is set to the OFF position.
- Seamless loop recording - even if the continuous recording is split into smaller files suitable for later processing, they are still linked to each other.

Note:

Avoid occupying excessive memory space with these locked files which would result in limiting/fully disabling the available space for work data.

3.4. Recording/Photo mode description

- **Power On/Off**

Long press the power button to turn the unit on and the indicator will light. Long press the button again to turn to unit off and the indicator will go out.

Note:

In addition to automatic power on/off, the camera will turn off automatically also when the embedded battery is low after a warning.

- **Recording mode**

Long press MODE to switch into the Record mode - the Movie camera icon will appear on the top left of the screen. Press OK to start recording and the time will start flashing in red next to the camera symbol. Press OK again to stop the recording and the red time symbol will disappear. Press OK again to restart the recording etc.

- **Photo mode**

Long press MODE to switch into the Photo mode - the Camera icon will appear on the top left of the screen. Press OK to take a picture. An acoustic signal will sound to enhance the moment of taking the picture.

- **Playing back recorded videos/viewing pictures**

Long press MODE to switch into the Playback/View mode - the Mosaic icon will appear on the top left of the screen. Press Up and Down button to browse pictures/recordings. If a recording (video) is just being viewed, press OK to start playback on the screen. Sound will be heard from the speaker. Press OK again to pause the playback. Press MENU to open the menu for file deletion or protection against being erased automatically.

- **Menu/Settings**

In the standby mode (no recording is running), pressing the menu button once will provide access to the mode (Record-Photo-Playback) parameter and unit settings. For most uses, the default settings will do. Please check if a given parameter is suitable for you and adjust as needed if necessary.

Note:

Please note that the memory card filling rate and the recording time length to be stored before the re-writing from the beginning starts is influenced mainly by the video resolution (for example, 1280×720 will take up 1GB space with about 7-minute recording. At the lowest resolution, the available length will be doubled while at the highest resolution, the available length will be reduced to about a half).

After entering the menu, use the Up/Down buttons to browse the parameters. After selecting a parameter, press OK to enter the value settings. Press Up/Down to browse the values in one column. Then press OK to confirm the selected value.

Note:

The exception is the date and time setting. To switch between year/month/day/hour/minute, press OK. To change the value, press Up/Down, to store the set date/time in memory, press MENU.

Press MENU to exit the settings. The unit will revert to the operating mode.

3.5. USB modes

After connecting the unit to a PC with a USB cable and powering the unit, the menu with the choice of two options will appear when general drivers from your operating system provider have been installed:

- 1) **Mass Storage** - files on the card inserted in the unit can be accessed until the cable is disconnected. The unit cannot be controlled with the buttons except for powering off.
- 2) **PC-camera** - a standard Windows camera interface for applications that can use the camera (such as Skype).
- 3) **REC MODE/CHARGING** - standard operation.

3.6. Battery and charging instructions

Power supply options: car adapter, PC USB port, external power adapter (supplied separately).

**ATTENTION:**

Use only 5V power supply, other voltage could damage the unit.

The entire charging process of a fully discharged battery takes up to 180 minutes. If the source current is high enough to supply both operation and charging, the red indicator next to the Menu button lights. When the battery is charged or only the unit operation is active, the indicator will go out.

4. Troubleshooting

Please read this before reaching out to your dealer or service.

No pictures or recordings can be made.

Please check if the inserted card works properly, contains enough free space and is not write-protected. You can format the card in the unit if needed. The formatting will irreversibly erase the entire card contents.

The recording stops spontaneously.

Check if the inserted card is faultless, format it in the unit or use other, if possible faster card.

“File error” message appears during video playback or picture viewing.

The file is corrupted due to a media error, please try to format the card or use a new one.

Blurred image

Please check if the lens is not dirty and clean it with fine wipes suitable also for glasses, if necessary.

The picture is dark even though the scene is bright (sky, water).

The unit tries to balance the high-contrast scenes automatically. Change the setting of measurement and EV sensitivity.

The picture colours are not faithful under daylight.

Check the white balance in the Settings.

The PC connection does not work.

Wait for a while as the first connection to any USB port takes some time before the connection is active. Disconnect the USB and connect again after a while. Check the cable, use another USB port. Update the driver or remove the old driver on the relevant port. Update Windows or contact your operating system/PC administrator. You can also remove the card and use your PC's card reader.

Stripes in the picture

The scene contains light with 50Hz or 60Hz frequency (according to your power grid). To compensate the stripes, change the frequency in Settings.

The unit's SW has stopped.

Restart the unit by pressing Reset with a ball pen, for example.

5. Technical specifications

Product name	Car recording camera
Features	High-resolution (HD) camera and movie camera.
G- Sensor	embedded
LCD size	2.2"
Video recorder	120°, high resolution, wide-angle lens
Video file format	AVI
Video resolution	1080p, 720p, VGA
Video formats	M-JPEG
Auto-switch	Supports automatic start, power off
Motion detection	Supports
Date, time (record)	Supports
Image format	JPEG
Memory cards	SD (up to 32GB)
Microphone	Supports
Video format	PAL/NTSC
Voltage frequency	50Hz/ 60Hz
USB feature	1: USB-disc 2: PC-camera
Power source	5V/1000mA min.
Battery	Embedded

Note:

Technical specifications may change without prior notice.

The original version is in the Czech language.

Manufacturer's address: FAST ČR, a.s., U Sanitasu
1621, Říčany CZ-251 01

INSTRUCTIONS AND INFORMATION ON DISPOSING OF USED PACKAGING MATERIALS

Dispose of used packaging material at a site designated for waste in your municipality.



DISPOSING OF USED ELECTRICAL AND ELECTRONIC EQUIPMENT

This symbol on products or original documents means that used electric or electronic products must not be added to ordinary municipal waste. For proper disposal and recycling, take these products to designated collection points. Or in some European Union states or other European countries the products can be returned to the local retailer when buying an equivalent new product. Disposing of this product correctly helps save valuable natural resources and prevents potentially negative impact on the environment and human health by improper waste disposal. Ask your local authorities or collection facility for more details. In accordance with national regulations penalties may be imposed for the incorrect disposal of this type of waste.

For business entities in European Union states

If you want to dispose of electric or electronic devices, ask your retailer or supplier for the necessary information.

Disposal in other countries outside the European Union

This symbol is valid in the European Union. If you wish to dispose of this product, request the necessary information about the correct disposal method from the local council or from your retailer.



This product meets all the basic requirements of the applicable EU directives.

The text, design and technical specifications may be changed without prior notice and we reserve the right to make these changes.

SENCOR®

EN Warranty conditions

Warranty card is not a part of the device packaging.

This product is warranted for the period of 24 months from the date of purchase to the end-user. Warranty is limited to the following conditions. Warranty is referred only to the customer goods using for common domestic use. The claim for service can be applied either at dealer's shop where the product was bought, or at below mentioned authorized service shops. The end-user is obligated to set up a claim immediately when the defects appeared but only till the end of warranty period. The end user is obligated to cooperate to certify the claiming defects. Only completed and clean (according to hygienic standards) product will be accepted. In case of eligible warranty claim the warranty period will be prolonged by the period from the date of claim application till the date of taking over the product by end-user, or the date the end-user is obligated to take it over. To obtain the service under this warranty, end-user is obligated to certify his claim with duly completed following documents: receipt, certificate of warranty, certificate of installation.

This warranty is void especially if apply as follows:

- Defects which were put on sale.
- Wear-out or damage caused by common use.
- The product was damaged by unprofessional or wrong installation, used in contrary to the applicable instruction manual, used in contrary to legal enactment and common process of use or used for another purpose which has been designed for.
- The product was damaged by uncared-for or insufficient maintenance.
- The product was damaged by dirt, accident of force majeure (natural disaster, fire, and flood).
- Defects on functionality caused by low duality of signal, electromagnetic field interference etc.
- The product was mechanically damaged (e.g. broken button, fall).
- Damage caused by use of unsuitable media, fillings, expendable supplies (batteries) or by unsuitable working conditions (e.g. high temperatures, high humidity, quakes).
- Repair, modification or other failure action to the product by unauthorized person.
- End-user did not prove enough his right to claim (time and place of purchase).
- Data on presented documents differs from data on products.
- Cases when the claiming product cannot be indentified according to the presented documents (e.g. the serial number or the warranty seal has been damaged).

Authorized service centers

Visit www.sencor.com for detailed information about authorized service centers.