Laserliner VideoPocket User Manual

VideoPocket
User Manual

Completely read through the operating instructions, the „Warranty and Additional Information" booklet as well as the latest information under the internet link at the end of these instructions. Follow the instructions they contain.

This document must be kept in a safe place and passed on together with the device.

Contents

Function / Application

This compact video inspection system allows easy visual inspection of hard-to-reach locations such as pipework, suspended ceilings, and vehicles. The compare image function allows the user to see the differences between the live image and a saved reference image. The images and videos can be saved to the internal photo memory or a micro SD card.

General safety instructions

– The device must only be used in accordance with its intended purpose and within the scope of the specifications.
– The measuring tools and accessories are not toys. Keep out of reach of children.
– The structure of the device must not be modified in any way.
– Do not expose the device to mechanical stress, extreme temperatures, moisture or significant vibration.
– The device must no longer be used if one or more of its functions fail or the battery charge is weak. ist.
– When using the device outdoors, make sure that the weather conditions are appropriate and/or that suitable protection measures are taken.
– The LCD unit must not be immersed in water. The base unit must not come in contact with liquids.
– The camera head is not acid-resistant or fireproof.
– It is absolutely vital to ensure that the VideoPocket does not come into contact with chemicals, voltage, moving or hot objects. This can damage the device and put its user at risk of serious injury.
– The VideoPocket must not be used for medical examinations / examining people.
– Please ensure compliance with the safety regulations set out by local and national authorities with regard to the correct and proper use of the device.
– The unit is not suitable for taking measurements close to dangerous voltages. Therefore always make sure that conductive parts are at zero potential when carrying out measurements in the vicinity of electrical systems. Safe isolation from the power supply and precautions to prevent systems from being switched on again must be ensured by implementing suitable measures.

Safety instructions

Using artificial, optical emission (OStrV)
LED outlet
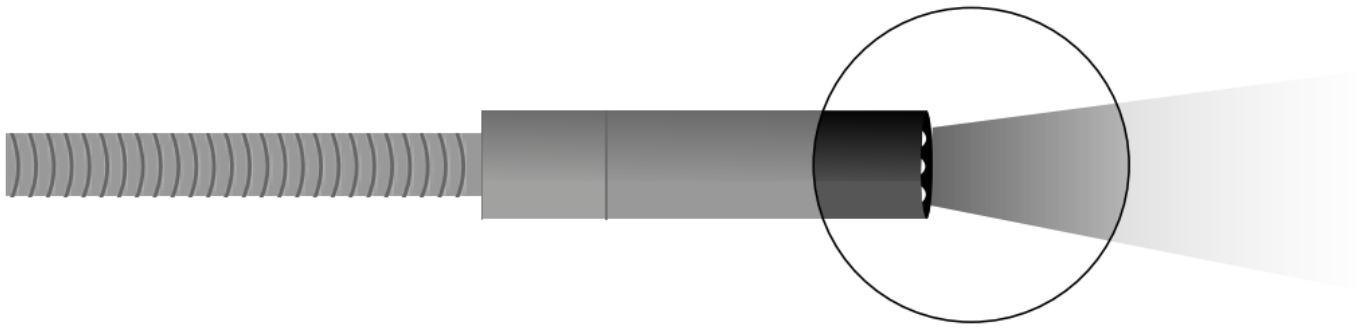
– The device works with LEDs of risk group RG 0 (exempt, no risk) in accordance with the latest versions of applicable standards relating to photobiological safety (EN 62471:2008-09ff / IEC/TR 62471:2006-07ff).
– When used for the intended purpose and under reasonably foreseeable conditions, the accessible radiation of the LEDs is safe for the human eye and skin.

Safety instructions

Dealing with electromagnetic radiation
– The measuring device complies with electromagnetic compatibility regulations and limits values in accordance with EMC-Directive 2014/30/EU.
– Local operating restrictions – for example, in hospitals, aircraft, petrol stations or in the vicinity of people with pacemakers – may apply. Electronic devices can potentially cause hazards or interference or be subject to hazards or interference.
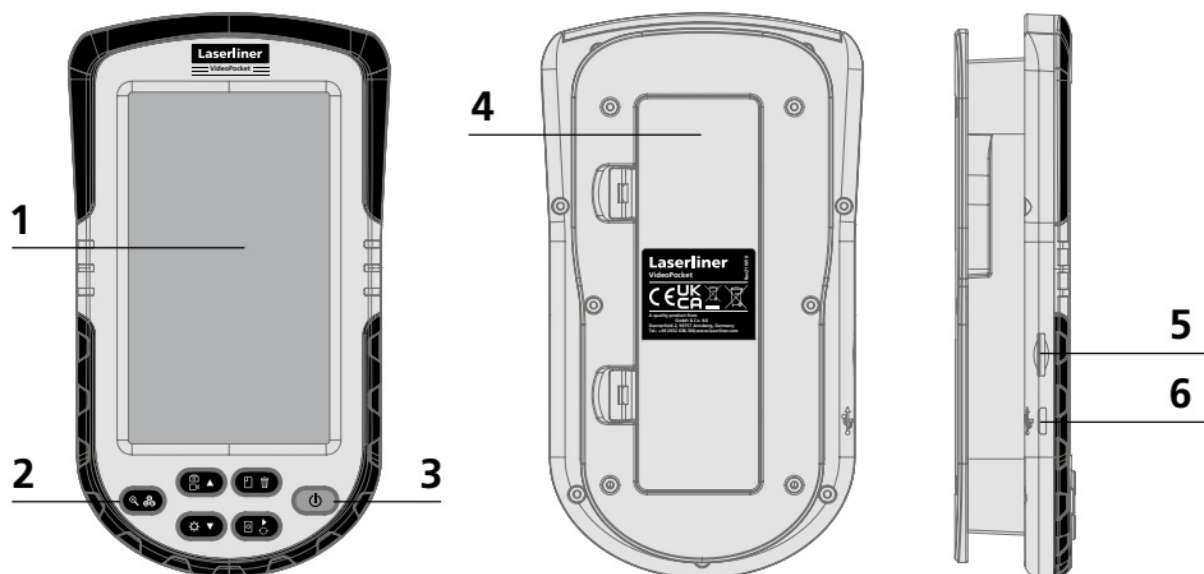
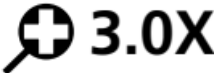|	
1 LCD	4 Battery compartment
2 Hotkeys	5 Micro SD card slot
3 ON/OFF	6 Micro USB interface
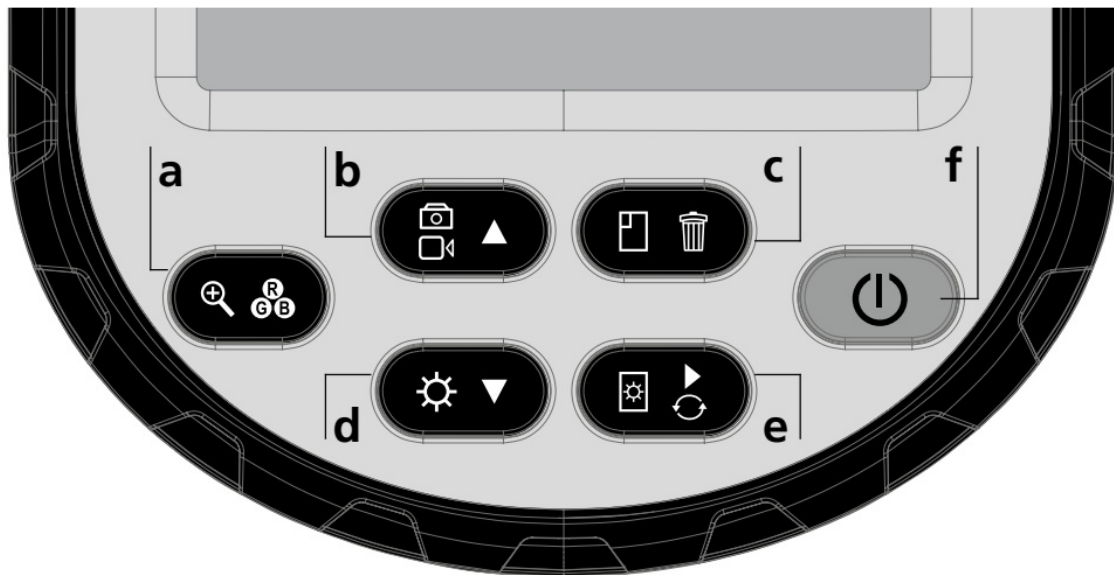
a. 4x zoom

b. Take photos and videos 'Back' menu function

c. Photo and video gallery Compare image function

d. Brightness adjustment 'Next' menu function

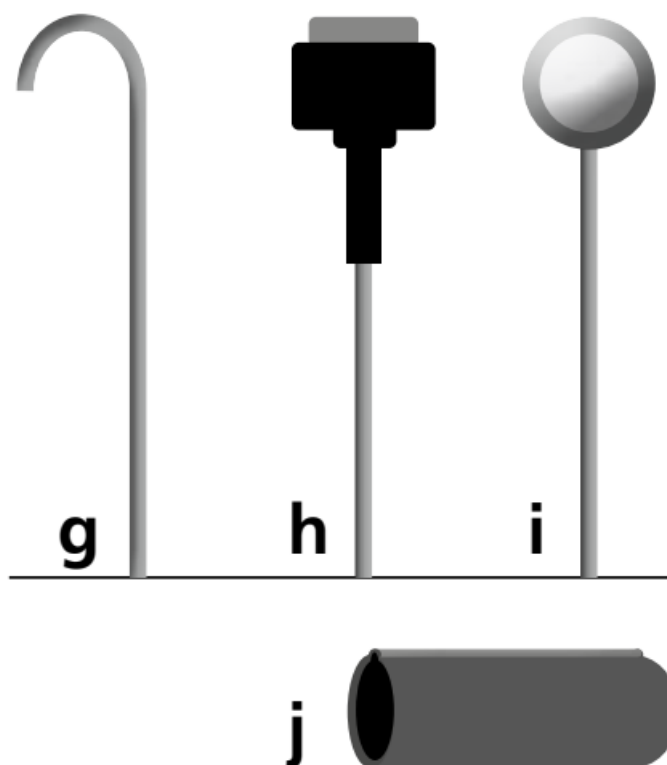**e.** Contrast adjustment

f. ON/OFF

Camera
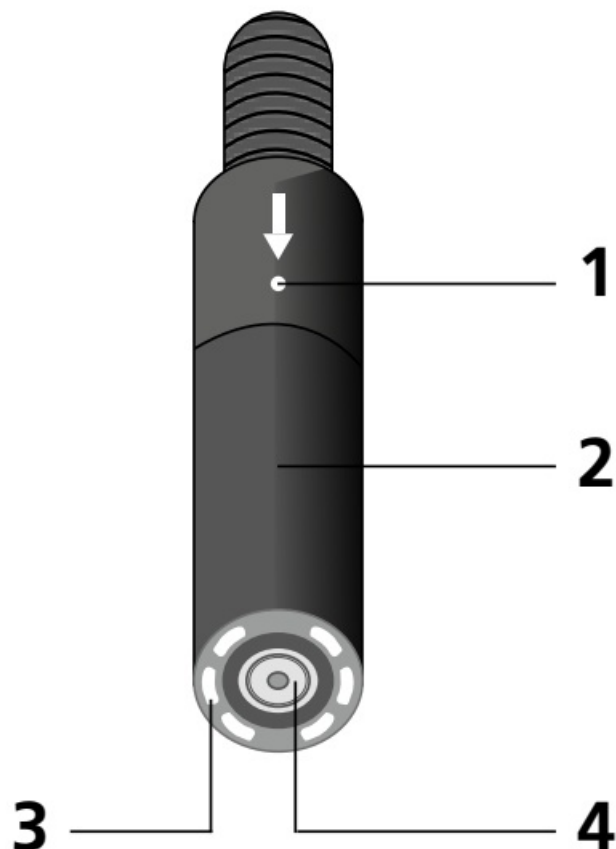
1. Tool location hole

2. Camera head

3. LED

4. Lens

Symbols

▮▮▮▸	Battery status
-☀- −▮▮▯ +	Brightness indicator
-☀- −▮▮▯ +	Contrast indicator
⊕ 3.0X	Zoom (4 steps)
▯□▯□ ⚠	Internal memory card full

Tools

g. Hook
h. Magnet
i. Mirror
j. Adapter
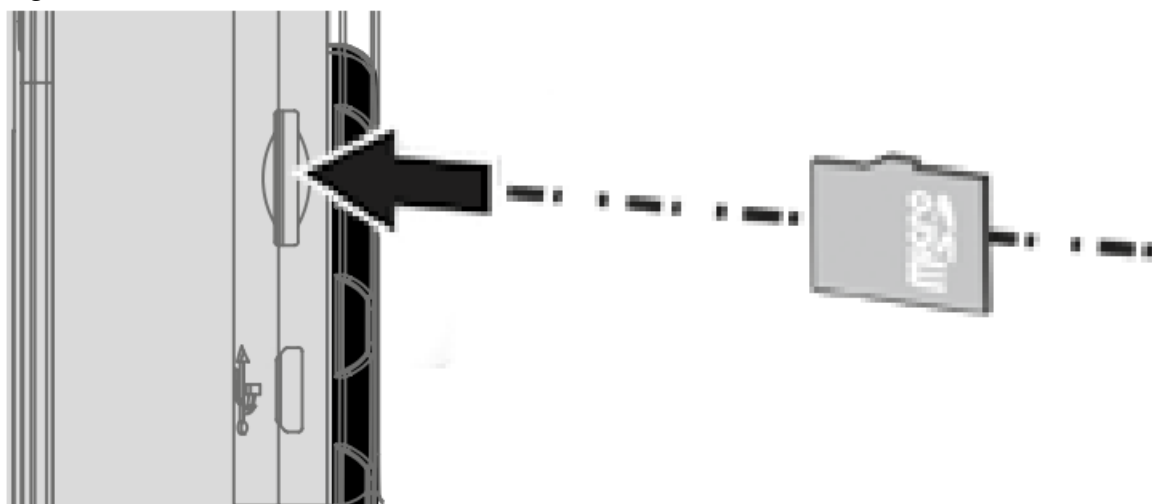
1. Inserting batteries
Open the battery compartment and insert batteries (4 x typ AA) according to the symbols. Be sure to pay attention to polarity.
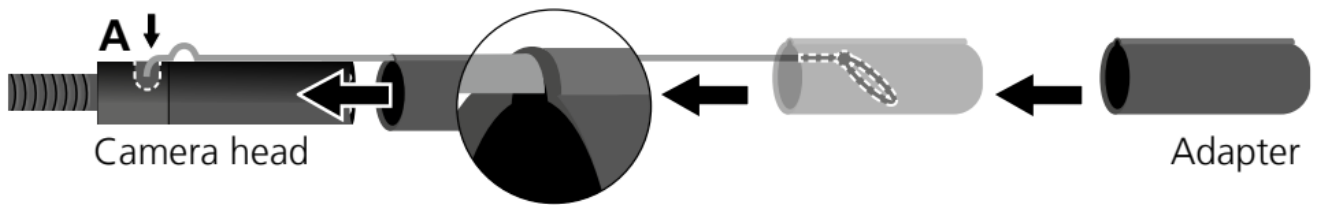
4x AA

2. ON/OFF

3 sec
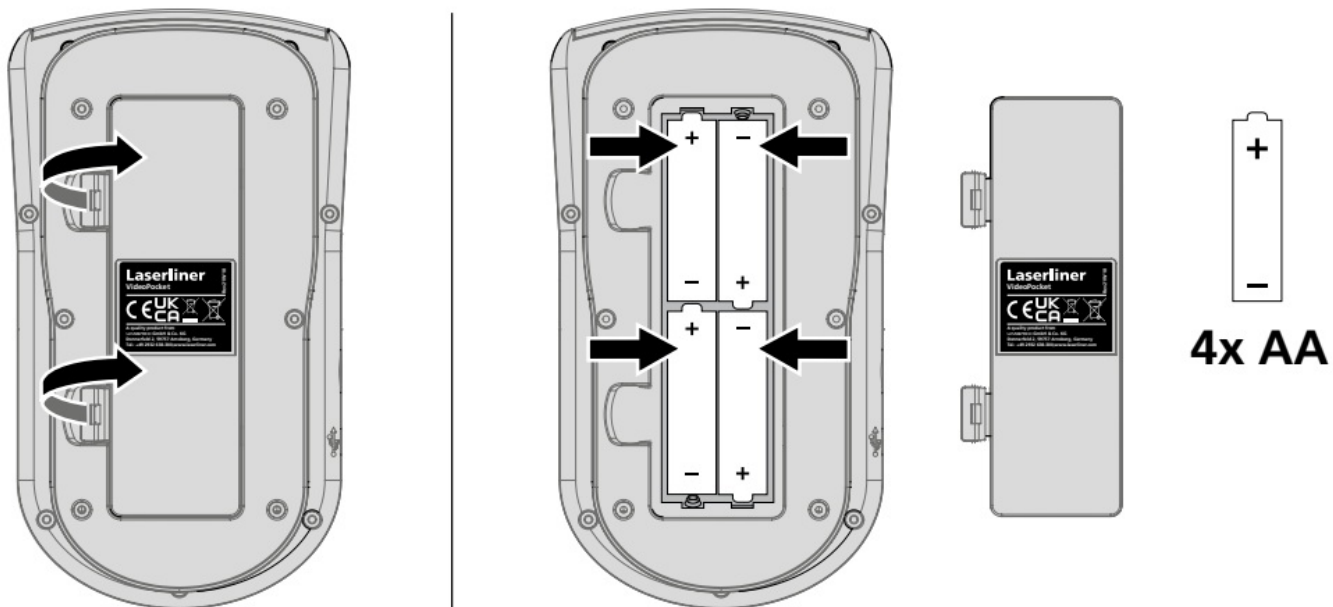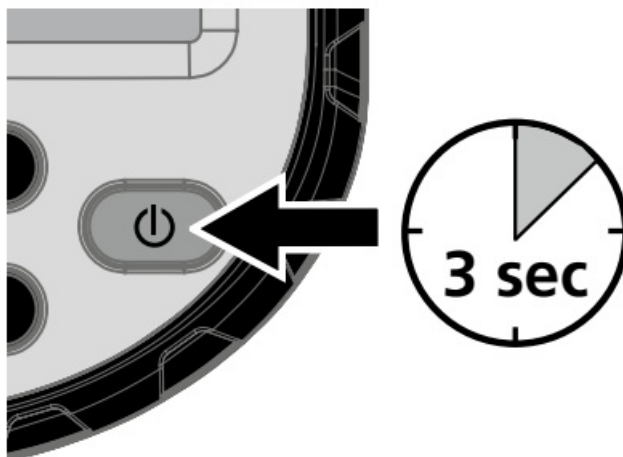
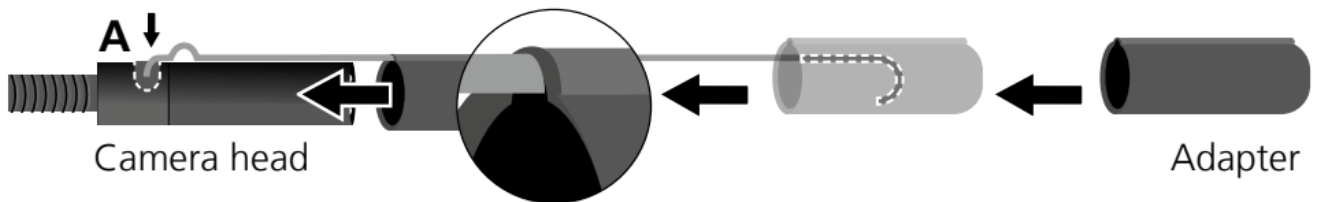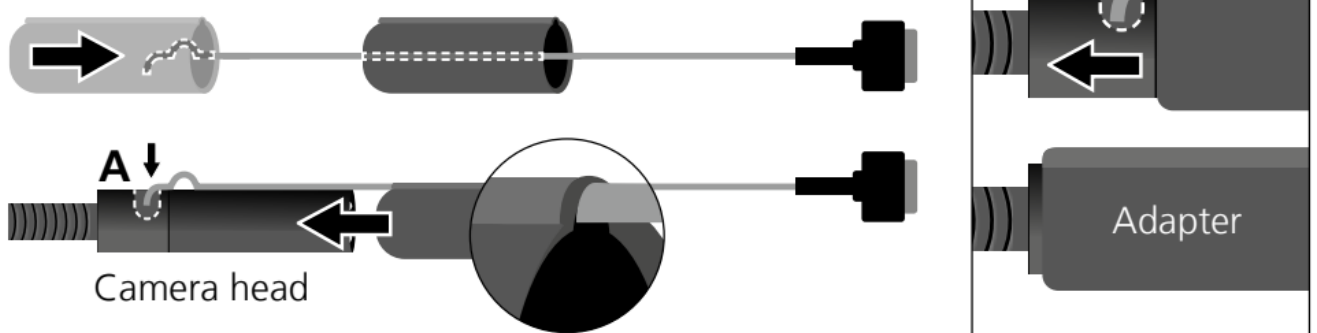## 3. Inserting micro-SD card

4. Fixing for tools

Mirror

Camera head

Adapter

Hook

Camera head

Adapter

Magnet

Camera head

A

Adapter
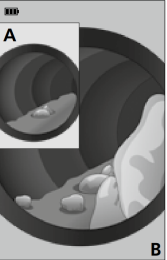
5. Take a photo

	Press button once

6. Compare image function

	1. Retrieve the reference image by pressing the gallery button.
	2. Select the reference image by pressing the 'next' and 'back' buttons.
	3. Confirm the selected reference image (A) with the gallery button.
	4. Selected reference image (A) appears on the display, the live view is running in the background (B) for comparison. Press the gallery button to fade out the reference image (A).

7. Video mode / take video

	1. Set video mode: hold down the photo and video button for 3 seconds. Video recording will start automatically.
	2. To stop the video recording, press the button again.

8. Play video recordings

	1. Retrieve saved videos.
	2. Select the video with the 'next' and 'back' buttons. Videos are marked with a 'PLAY' symbol (▶)
	3. Replay the video with the 'PLAY' button.

9. Delete image/video

🗋 🗑	1. Retrieve saved media by pressing the gallery button.
📷 ▲ ☀ ▼	2. Select the image/video with the 'next' and 'back' buttons.
🗋 🗑	3. To delete, hold down the gallery button.

10. Zoom (4 steps)

🔍 RGB	Press button

11. Switch between color/BW

🔍 RGB	Hold the button down for 3 seconds

12. Brightness (10 steps)

☀ ▼	Press button briefly

13. Contrast (10 steps)

▣ ▶ ↻	Press button briefly

14 . Image rotation

▣ ▶ ↻	Hold rotation button down for 2 seconds

From the original image

4x	**1x**	1x = Horizontal mirroring
F	Ⅎ	2x = Rotation 180°
		3x = Vertical mirroring
Ⅎ	Ⅎ	4x = Original image
3x	**2x**	

USB data transfer

Data saved on the SD card can be transferred to PC either with a suitable card reader or directly via the USB port. Please refer to the manual supplied with your card reader for information about connecting your card adapter or card reader to a PC.

Information on maintenance and care

Clean all components with a damp cloth and do not use cleaning agents, scouring agents and solvents. Remove the battery(ies) before storing for longer periods. Store the device in a clean and dry place.

Technical data

(Technical revisions reserved. Rev21W37)

Display resolution	480 x 272 Pixel
Camera resolution	640 x 480 Pixel
Probe length	1 m
Probe diameter	5 mm
Probe min. bending radius	30 mm
Length camera head	42 mm
Camera head diameter	0 8 mm
Field of view (FOV)	65°
Depth of focus (DOE)	3 … 8 cm
Operating time	approx. 4 hours
Screen type	4,3″ TFT color display
Number of LED lights	6
Image format	JPEG
Video format	MJPG (AVI)
Port	Micro-USB
Camera probe protection class	IP 67
Power supply	4 x 1,5V LR6 (AA)
Operating conditions	-10°C … 50°C, max. humidity 85% rH, no condensation, max. working altitude 2000 m above sea level
Storage conditions	-20°C … 60°C, max. humidity 85% rH, no condensation
Dimensions (W x H x D)	85 x 155 x 32 mm
Weight	366 g (incl. batteries)

EU directives and disposal

This device complies with all necessary standards for the free movement of goods within the EU.
This product is an electric device and must be collected separately for disposal according to the European Directive on waste electrical and electronic equipment.
Further safety and supplementary notices at: **www.laserliner.com/info**

Laserliner

Documents / Resources

 Laserliner VideoPocket [pdf] User Manual
VideoPocket

References

- **Home**
- **Info - Laserliner**