

EN: LUMISCOPE – USER MANUAL

TECHNICAL PARAMETERS

Screen: 4.3-inch color LCD display

Horizontal viewing angle: 70°

Cable length: 2m / 5m / 10m / 15m / 20m / 30m

Focal length: 3–10 cm

Waterproof rating: IP67 (lens only)

Lens diameter: 5.5 mm / 8 mm

Battery capacity: 2000 mAh

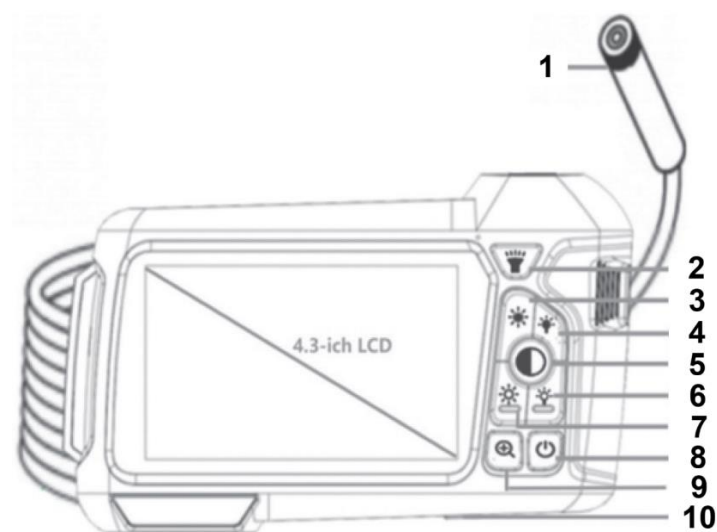
Battery life: Approx. 3–4 hours

SAFETY INSTRUCTIONS

This product is designed for **industrial inspection** only.

- Do not strike the camera probe or pull the cable forcefully.
 - Do not use the device in high-temperature, high-magnetic, or extremely bright environments.
 - Use only a 5V household charger that complies with safety standards.
 - Avoid exposing the device to extremely low or high temperatures. If the device will not be used for an extended period, charge it at least once every 3 months to prevent damage from excessive battery discharge.
 - Do not clean the device with corrosive chemicals.
 - **WARNING:** This is an industrial inspection camera. It is **not** intended for medical use or human examination.
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CONTROLS OVERVIEW



1. Camera
2. Auxiliary light

3. Screen brightness +
 4. Camera LED +
 5. Color / Black & White / Dual-camera switch
 6. Camera LED –
 7. Screen brightness –
 8. Power (ON/OFF)
 9. Zoom in
 10. Type-C USB port
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PRODUCT FEATURES

- This device is a high-performance industrial inspection camera equipped with a 4.3-inch high-definition color LCD screen.
 - Ergonomically designed for comfortable single-hand operation.
 - Supports 3× digital zoom.
 - Equipped with an adjustable auxiliary LED light for use in dark environments.
 - IP67 waterproofing applies **only** to the camera lens.
 - High-definition camera sensor provides clear image quality suitable for various inspection conditions.
 - Optimal focal distance: 3–10 cm.
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BUTTON FUNCTIONS

1. **Power button:** Press and hold for 3 seconds to turn the device ON or OFF.
 2. **Zoom:** Press to zoom in to 3×; press again to return to normal view.
 3. **Screen brightness (–):** Decreases brightness in steps: 100% → 80% → 60% → 0%.
 4. **Screen brightness (+):** Increases brightness: 0% → 60% → 80% → 100%.
 5. **Camera LED (–):** Gradually decreases LED brightness: 100% → 80% → 60% → 0%.
 6. **Camera LED (+):** Increases LED brightness: 0% → 60% → 80% → 100%.
 7. **Color / Black & White / Dual-camera switching:**
 - Switch to black & white mode for improved visibility in dark environments.
 - Switch between front and side camera (dual-camera models only).
 8. **Auxiliary light:** Activates additional lighting as needed.
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TROUBLESHOOTING

Problem	Solution
The device cannot be turned on	1. Charge the battery fully before use. 2. Confirm that the charger is properly connected.
Device will not turn off or becomes unresponsive	Reset the device by locating the RESET hole on the back of the screen and pressing it using a reset pin or paperclip.

Problem	Solution
Lag or delay in image output	1. Check if the battery has sufficient power. 2. Restart the device.
Image is unclear	Ensure the distance between the camera and the object is within the optimal focal range (3–10 cm). Clean the camera lens with an alcohol wipe if necessary.
Charging issues	Use a 5V=1A charger. Fast-charging adapters are not supported .

INSTRUCTIONS FOR RECYCLING AND DISPOSAL:



This label means that the product cannot be disposed of as other household waste throughout the EU. To prevent potential damage to the environment or human health from uncontrolled waste disposal. Recycle responsibly to promote the sustainable use of material resources. If you want to return a used device, use the drop-off and collection system, or contact the retailer from whom you bought the product. The retailer can accept the product for environmentally safe recycling.



A declaration by the manufacturer that the product complies with the requirements of the applicable EU Directives.