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› BEVA P100 Endoscope with 2.4-inch IPS Screen User Manual

BEVA P100

BEVA P100 Endoscope User Manual

Model: P100

1. INTRODUCTION

Thank you for choosing the BEVA P100 Endoscope. This device is designed for visual inspection in hard-to-reach areas, offering a clear view on its integrated screen. It is a standalone unit that does not require connection to a phone or computer for operation, nor does it require Wi-Fi or a dedicated application. Please read this manual thoroughly before use to ensure proper operation and maintenance.

Package Contents

- BEVA P100 Endoscope Unit with Integrated Screen
- Semi-Rigid Camera Cable (3 meters)
- USB Type-C Charging Cable
- Accessories: Small Hook, Magnet, Side-view Mirror, Replacement Snaps
- User Manual



Image 1.1: Contents of the BEVA P100 Endoscope package.

2. SAFETY INFORMATION

- Do not attempt to disassemble or modify the device.
- Keep the device away from extreme temperatures and direct sunlight.

- Ensure the Type-C charging port is dry before charging.
- The camera cable is IP67 waterproof, but the main unit is not. Avoid immersing the main unit in liquids.
- Do not use the endoscope for medical purposes or internal human/animal examination.
- Keep out of reach of children.

3. PRODUCT FEATURES

- **2.4-inch IPS Display:** Provides a clear, high-quality live view with vibrant colors from various angles.
- **1080P HD Camera:** Offers a 1920x1080 pixel resolution for detailed visual inspection. Note: This device provides a live view but **does not record photos or videos**.
- **6 Adjustable LED Lights:** Integrated lights with three brightness levels ensure clear visibility in dark environments.
- **IP67 Waterproof Camera Cable:** The camera probe and cable are resistant to water, suitable for wet or submerged inspections.
- **3-meter Semi-Rigid Cable:** The flexible yet shape-retaining cable allows navigation through confined and intricate spaces.
- **2600 mAh Rechargeable Battery:** Provides up to 4 hours of continuous operation on a full charge.
- **Standalone Operation:** No Wi-Fi, smartphone, or application is required for use.

EASY AND CONVENIENT TO USE

Note: Cannot take photos or videos.



Image 3.1: The BEVA P100 Endoscope operates independently without external devices or applications, and does not support photo or video recording.

4. COMPONENT IDENTIFICATION



Image 4.1: Main unit controls and included accessories.

- **Power On/Off Button:** Press and hold to power the device on or off.
- **Light Up Button:** Increases the brightness of the camera's LED lights.
- **Light Down Button:** Decreases the brightness of the camera's LED lights.
- **Camera Probe:** The flexible cable with the camera lens and LED lights at its tip.
- **IPS Screen:** Displays the live feed from the camera.
- **Type-C Charging Port:** Located on the side or bottom of the main unit for charging the internal battery.

Accessories

- **Small Hook:** Attaches to the camera tip to retrieve small objects.
- **Magnet:** Attaches to the camera tip to pick up metallic items.
- **Side-view Mirror:** Attaches to the camera tip to provide a 90-degree side view.

5. SETUP

5.1 Initial Charging

1. Before first use, fully charge the endoscope.
2. Connect the provided USB Type-C charging cable to the device's charging port.
3. Connect the other end of the USB cable to a standard USB power adapter (not included) or a computer USB port.
4. A full charge takes approximately 4 hours. The battery indicator on the screen will show charging status.



Image 5.1: The endoscope features a 2600mAh battery, providing extended operation time.

5.2 Attaching Accessories

To attach the hook, magnet, or side-view mirror, carefully slide the accessory onto the camera lens tip until it clicks securely into place. Ensure it is firmly attached before use.

6. OPERATION

6.1 Powering On/Off

- To power on, press and hold the Power On/Off button until the screen illuminates.
- To power off, press and hold the Power On/Off button again until the screen turns off.

6.2 Adjusting LED Brightness

- Press the 'Light Up' button to increase the brightness of the camera's LED lights. There are three brightness levels.
- Press the 'Light Down' button to decrease the brightness of the camera's LED lights.

IP67 WATERPROOF

6 Adjustable Led Lights

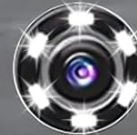


Image 6.1: The camera probe features 6 adjustable LED lights for illumination and is IP67 waterproof.

6.3 Optimal Viewing Distance

For the clearest image, position the camera lens approximately 4-10 cm (1.5-4 inches) from the object being inspected. Images may appear blurry if the object is too close or too far from this range due to the fixed focus lens.

8MM SINGLE LENS 1080P HD

NOTE: The best observation distance is about 4cm-10cm.

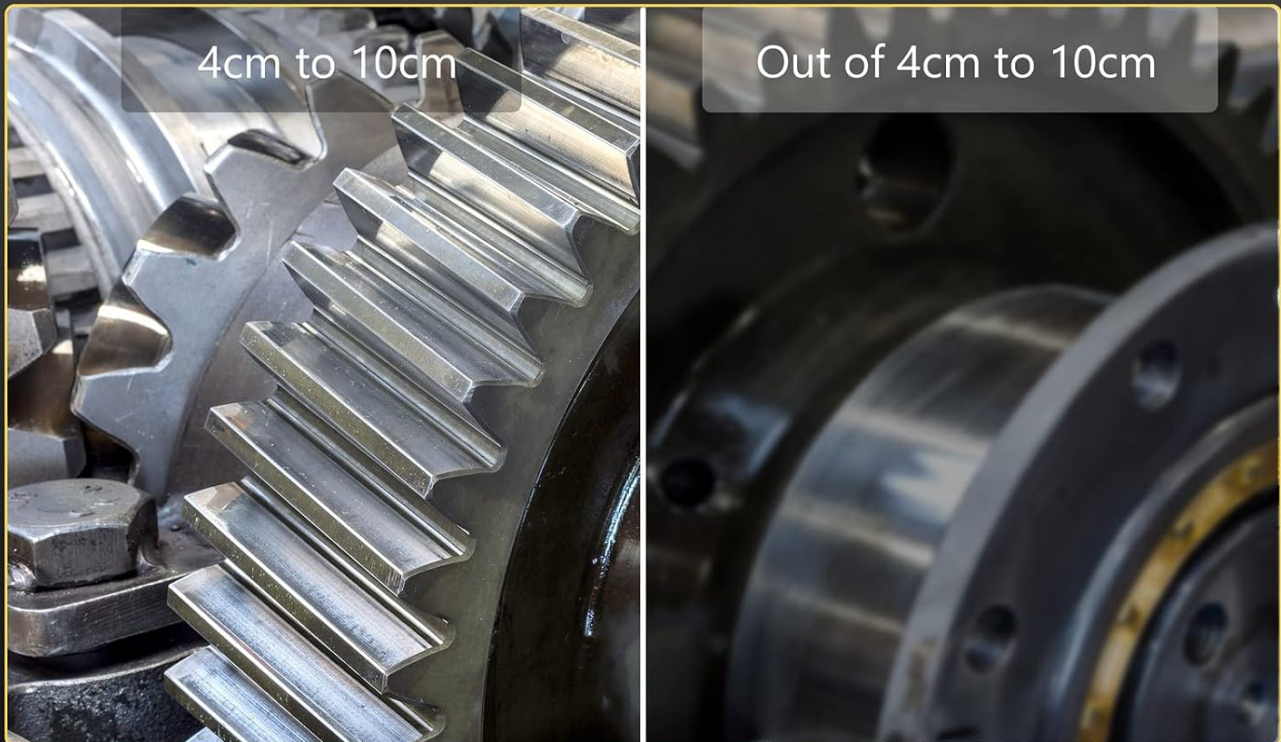


Image 6.2: Optimal focal distance for clear viewing is between 4 cm and 10 cm.

6.4 Applications

The BEVA P100 Endoscope is suitable for various inspection tasks, including:

- Automotive inspection (engine, chassis, internal components)
- Household pipe and drain inspection
- HVAC system inspection (air ducts, vents)
- Machinery and equipment maintenance
- General inspection of confined or dark spaces

WIDE APPLICATION & SEMI-RIGID CABLE



Image 6.3: Examples of wide applications for the semi-rigid endoscope cable.

7. MAINTENANCE

- **Cleaning:** After use, gently wipe the camera lens and cable with a soft, damp cloth. For stubborn dirt, a mild detergent can be used on the cable and lens, but ensure no liquid enters the main unit.
- **Storage:** Store the endoscope in a cool, dry place, away from direct sunlight and extreme temperatures. Coil the cable loosely to prevent damage.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device does not power on.	Low battery or device is off.	Charge the device fully. Press and hold the power button to turn on.
Image on screen is blurry.	Object is outside optimal focal distance (4-10 cm).	Adjust the distance between the camera lens and the object.
Screen is too dark/bright.	LED brightness needs adjustment.	Use the 'Light Up' or 'Light Down' buttons to adjust LED brightness.
No image on screen.	Camera cable not properly connected or damaged.	Ensure the camera cable is securely connected. If problem persists, contact support.

9. SPECIFICATIONS

Feature	Specification
Brand	BEVA
Model	P100
Screen Size	2.4 inches IPS LCD
Camera Resolution	1080P HD (1920 x 1080 pixels)
Effective Still Resolution	2 Megapixels (for live view)
LED Lights	6 adjustable LEDs
Waterproof Rating	IP67 (camera cable only)
Cable Length	3 meters
Cable Type	Semi-rigid
Battery Capacity	2600 mAh Lithium-ion
Operating Time	Up to 4 hours (continuous)
Charging Time	Approximately 4 hours
Charging Port	USB Type-C
Optimal Focal Distance	4 cm - 10 cm
Focus Type	Fixed Focus
Zoom Type	No Zoom
Color	Black
Package Dimensions	22.4 x 13.1 x 5.2 cm
Weight	330 grams

Feature	Specification
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10. WARRANTY AND SUPPORT

BEVA provides a secure and credible warranty for this product. If you encounter any problems during the use of your BEVA P100 Endoscope, please do not hesitate to contact our customer support. We are committed to providing you with the best possible shopping experience and assistance.

For support, please refer to the contact information provided with your purchase or visit the official BEVA website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question