

FANTRONICS B0C37DFVWG

Fantronics Industrial Endoscope Camera User Manual

Model: B0C37DFVWG

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Fantronics Industrial Endoscope Camera. Please read these instructions thoroughly before operating the device to ensure proper functionality and to prevent damage.

2. PRODUCT OVERVIEW

The Fantronics Industrial Endoscope Camera is a versatile inspection tool designed for examining hard-to-reach areas. It features an 8mm camera head with adjustable LED lights and a semi-rigid cable, connecting directly to your smartphone or tablet for real-time viewing.

Key Features:

- **High Compatibility:** Designed for use with Android and iOS smartphones and tablets, supporting Type-C, Micro USB, and Lightning connections.
- **IP67 Waterproof:** The camera probe is rated IP67, allowing for inspection in wet environments such as pipes and drains.
- **Semi-Rigid Cable:** A 16.4-foot (5-meter) semi-rigid cable can be bent and held in shape to navigate complex spaces.
- **8 Adjustable LED Lights:** Integrated LED lights provide illumination in dark areas, with adjustable brightness for optimal viewing.
- **Wide Range of Applications:** Suitable for pipe inspection, automotive maintenance, mechanical equipment checks, and construction engineering.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Fantronics Industrial Endoscope Camera (with integrated Type-C/Micro USB/Lightning adapter)
- USB C adapter (if not integrated)
- User Manual (this document)

4. SETUP INSTRUCTIONS

Follow these steps to set up your endoscope camera:

1. **Download the App:** Search for and download the "UseePlus" app from your device's app store (App Store for iOS, Google Play Store for Android).
2. **Connect the Camera:** Plug the endoscope camera's connector into your smartphone or tablet's charging port. Ensure the connection is secure. The app should automatically detect the camera.
3. **Open the App:** Launch the "UseePlus" app. The app interface should display the live feed from the endoscope camera. If the app does not open automatically or show a live feed, ensure the camera is properly connected and the app has necessary permissions.



Image: The Fantronics endoscope camera connected to a smartphone, displaying a live feed on the screen.

Wide Compatibility

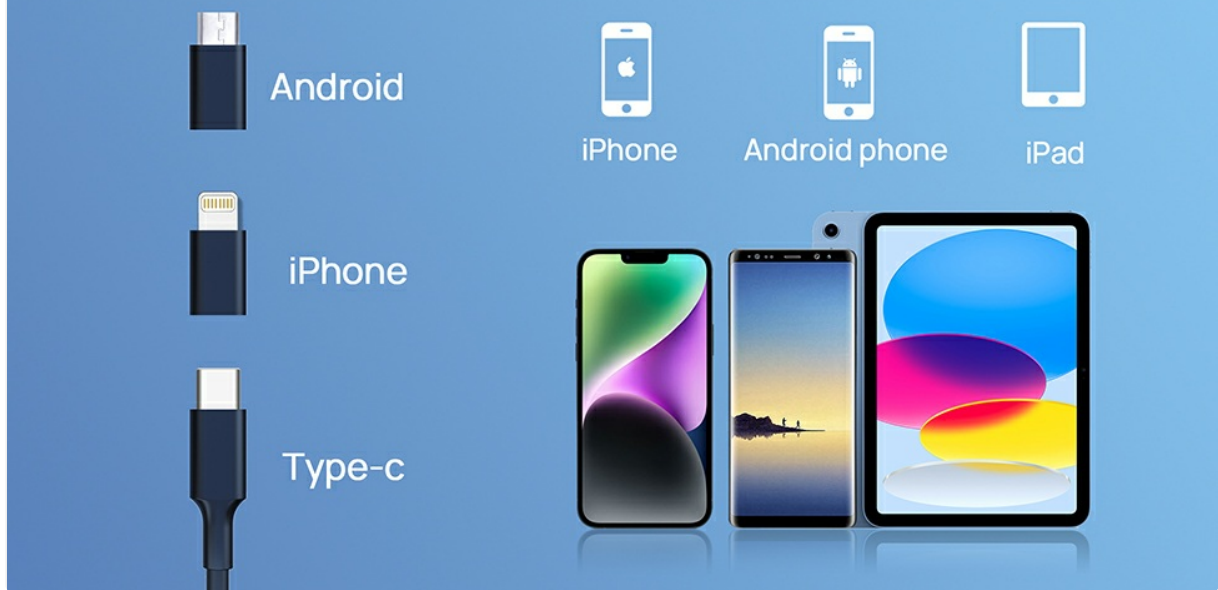


Image: Visual guide showing the process of downloading the "UseePlus" app from app stores, opening it, connecting the phone to the endoscope, and confirming connection.

5. OPERATING INSTRUCTIONS

Once set up, you can begin using your endoscope camera:

1. **Adjust LED Lights:** Use the control wheel on the cable to adjust the brightness of the 8 LED lights around the camera lens. This helps illuminate dark inspection areas.
2. **Navigate the Camera:** Gently guide the semi-rigid cable into the area you wish to inspect. The cable's flexibility allows it to navigate bends and tight spaces.
3. **Capture Photos/Videos:** Use the dedicated buttons within the "UseePlus" app to capture still images or record video footage of your inspection.
4. **View Live Feed:** Observe the live video feed on your connected device's screen to perform your inspection.

8 Adjustable LED Lights

One-Click Photo



Image: A detailed view of the endoscope camera head with its 8 adjustable LED lights and the inline control unit for brightness adjustment.



Image: A mechanic utilizing the endoscope camera to inspect a component within an automotive engine bay, viewing the live feed on a smartphone.

6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your endoscope camera:

- **Cleaning:** After each use, especially in wet or dirty environments, gently wipe the camera lens and cable with a soft, damp cloth. Do not use harsh chemicals or abrasive materials.
- **Drying:** Ensure the camera head and cable are completely dry before storing.
- **Storage:** Store the endoscope camera in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid kinking or sharply bending the cable.
- **Waterproof Rating:** The camera probe is IP67 waterproof, meaning it can withstand immersion in water up to 1 meter for 30 minutes. However, the control unit and smartphone connection are not waterproof.

7. TROUBLESHOOTING

If you encounter issues, refer to the following common solutions:

Problem	Possible Solution
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Problem	Possible Solution
No image on screen	Ensure the camera is securely connected to your device. Check if the "UseePlus" app is open and has camera permissions. Restart the app or your device.
Image is too dark/bright	Adjust the LED light brightness using the control wheel on the cable.
Image is blurry	Ensure the camera lens is clean. The optimal focal length is typically 5-12cm (2-4.5 inches) from the object.
App not detecting camera	Verify your device supports OTG functionality. Ensure the app is updated to the latest version. Try connecting to a different compatible device if available.

8. SPECIFICATIONS

Detailed technical specifications for the Fantronics Industrial Endoscope Camera:

- **Model:** B0C37DFVWG
- **Camera Diameter:** 8mm
- **Cable Length:** 16.4 feet (5 meters)
- **Waterproof Rating:** IP67 (camera probe only)
- **LED Lights:** 8, adjustable brightness
- **Video Capture Resolution:** 1080p
- **Connectivity:** Type-C, Micro USB, Lightning (via integrated adapter)
- **Compatible OS:** Android, iOS
- **Color:** Black
- **Item Weight:** 7 ounces
- **Manufacturer:** Fantronics

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact Fantronics customer service directly. Keep your purchase receipt for warranty claims.