DEPSTECH DS660-1.5M

DEPSTECH DS660 Articulating Borescope Camera User Manual

Model: DS660-1.5M

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your DEPSTECH DS660 Articulating Borescope Camera. Please read this manual thoroughly before operating the device and retain it for future reference. The DS660 is designed for industrial inspection, offering a flexible probe with two-way articulation and a high-definition display for clear visual examination of confined spaces.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- DEPSTECH DS660 Articulating Borescope Unit
- 32GB MicroSD Card (pre-installed or separate)
- Rugged Carrying Case
- USB-C Charging Cable
- User Manual

Image: Contents of the DEPSTECH DS660 Articulating Borescope package.

3. PRODUCT OVERVIEW

The DEPSTECH DS660 features advanced technology for precise and clear inspections.

3.1 Key Features

- **210° Precision 2-way Articulation:** Allows the camera probe to bend up to 210 degrees in two directions for navigating complex spaces.
- **5-inch IPS HD Display:** Provides a clear, real-time view with 1080P HD clarity for detailed inspections.
- **0.24-inch Slim Probe:** A flexible, industrial-grade 5ft metal gooseneck probe designed to access narrow and tight areas.
- **IP67 Waterproof Camera:** The probe is waterproof, enabling inspections in wet or dusty environments.
- **Adjustable LED Lights:** Integrated 3-level adjustable LED lights illuminate dark inspection areas.
- **Long Battery Life:** Up to 4 hours of continuous operation on a single charge.
- **Ergonomic Design:** Features a centered joystick for one-handed control and a conveniently placed rear button for photo/video capture.

3.2 Visual Components

Image: The DEPSTECH DS660 Articulating Borescope Camera.

Image: The 210° two-way articulating probe in action.

Image: The 5-inch IPS HD display for clear viewing.

Upgraded Joystick

Effortless Control with Just One Hand

Image: Ergonomic joystick control for precise articulation.

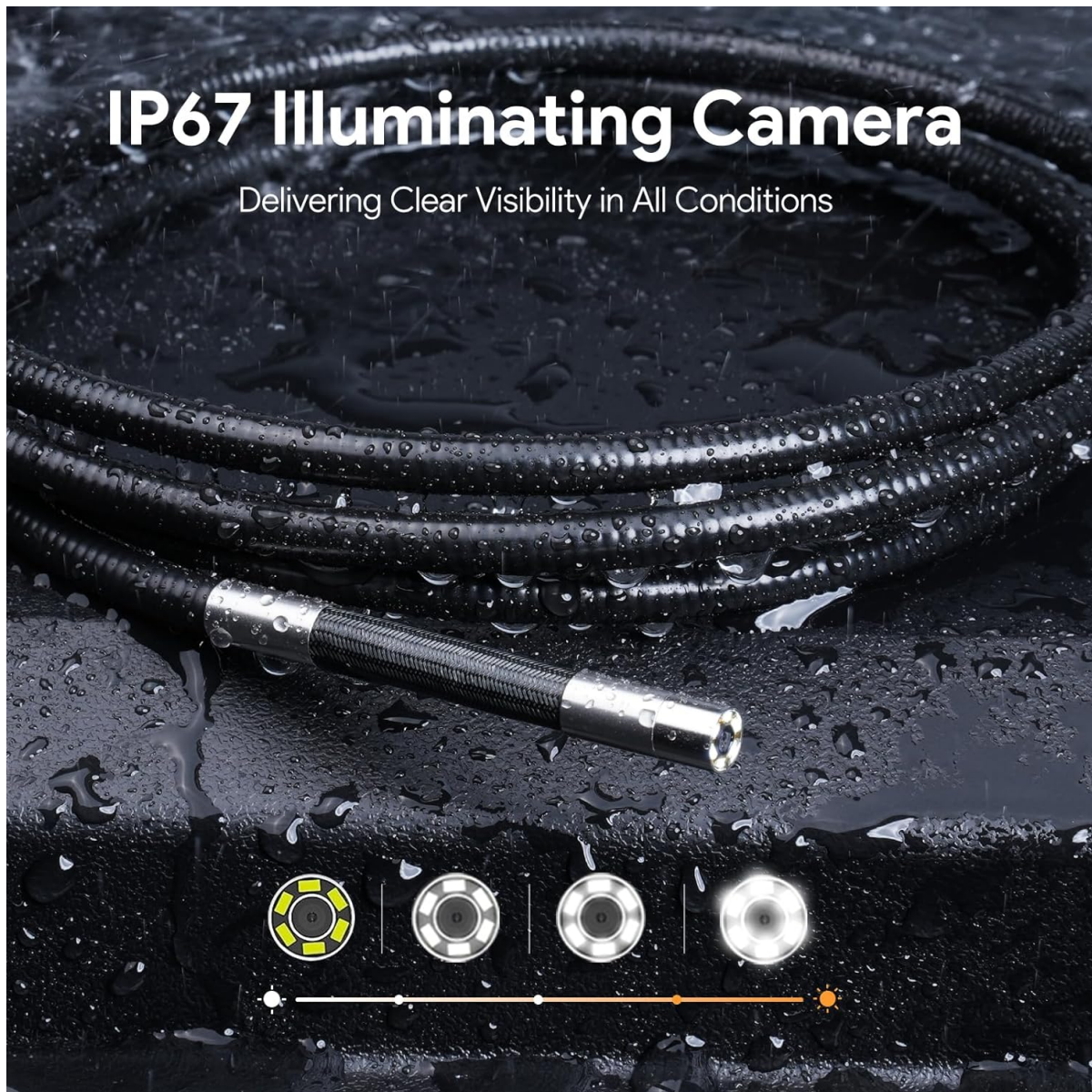Image: The ultra-slim 0.24-inch probe for tight access.

Image: IP67 waterproof camera with adjustable illumination.

4. SETUP

4.1 Unboxing and Initial Inspection

Carefully remove all components from the carrying case. Inspect the borescope unit, probe, and accessories for any signs of damage. If any components are damaged or missing, contact customer support immediately.

Video: An unboxing and overview of the DEPSTECH DS660 borescope, demonstrating how to remove components from the case and prepare for use.

4.2 Charging the Device

Before first use, fully charge the borescope using the provided USB-C cable and a compatible power adapter (not included). The charging indicator will show the charging status.

4.3 Powering On/Off

Press and hold the power button (usually red) located on the top of the main unit for a few seconds to turn the device on or off. The screen will illuminate upon successful power-on.

5. OPERATING INSTRUCTIONS

5.1 Navigating the Menu

Use the directional buttons (up/down/left/right) and the 'OK' button to navigate through the on-screen menu. The menu allows access to settings, photo/video gallery, and other functions.

5.2 Adjusting LED Brightness

The camera probe features adjustable LED lights. Use the dedicated brightness control buttons on the main unit to cycle through the 3-level brightness settings to achieve optimal illumination for your inspection area.

5.3 Articulating the Probe

The DS660 features a two-way articulating probe. Use the joystick control on the handle to precisely bend the probe tip up to 210 degrees in either direction. This allows for flexible navigation around obstacles and viewing from multiple angles.

Video: Demonstration of the DEPSTECH DS660 Articulating Borescope in use, highlighting the probe's flexibility and screen clarity during an inspection.

5.4 Capturing Photos and Videos

While in live view, press the dedicated capture button (often located on the rear of the handle) to take a still photo. To record video, press and hold the capture button to start recording, and press it again to stop. All media is saved to the inserted 32GB MicroSD card.

5.5 Viewing Media

Access the photo/video gallery through the main menu. Use the directional buttons to browse your captured images and videos. Select an item and press 'OK' to view it. Videos can be played back directly on the device's screen.

Video: A brief demonstration of the DEPSTECH DS660 Articulating Borescope's capabilities, showcasing its ease of use and image quality.

6. MAINTENANCE

6.1 Cleaning the Probe and Lens

After each use, especially in dirty or wet environments, gently wipe the camera lens and probe with a soft, damp cloth. For stubborn grime, a small amount of isopropyl alcohol can be used. Ensure the probe is dry before storage.

6.2 Battery Care

To prolong battery life, avoid fully discharging the device frequently. Store the borescope with a partial charge (around 50%) if it will not be used for an extended period. Recharge the battery at least once every three months.

6.3 Storage

Store the borescope in its provided carrying case in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the probe is not sharply bent or kinked during storage to prevent damage.

7. TROUBLESHOOTING

If you encounter issues with your DEPSTECH DS660, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Device does not power on.	Low battery; device not charged.	Charge the device fully using the USB-C cable.
No image on screen.	Probe not securely connected; camera lens obstructed.	Ensure the probe is firmly connected. Clean the camera lens.
Image is blurry or unclear.	Camera lens dirty; insufficient lighting; object too close/far.	Clean the camera lens. Adjust LED brightness. Ensure object is within macro focus range (3-10 cm).
Probe articulation is unresponsive.	Mechanism obstructed; internal issue.	Check for any physical obstructions. If the issue persists, contact customer support.
Cannot save photos/videos.	MicroSD card full or not inserted correctly; card error.	Check if the 32GB MicroSD card is inserted correctly and has free space. Format the card if necessary (this will erase all data).

8. SPECIFICATIONS

Feature	Specification
Model Number	DS660-1.5M
Display	5-inch IPS HD Screen
Probe Diameter	0.24 inches (6mm)
Probe Length	5 feet (1.5 meters)
Articulation Angle	210° Two-Way
Video Capture Resolution	1080p
Macro Focus Range	3 - 10 cm
Waterproof Rating	IP67 (Probe)
Battery Life	Up to 4 hours
Storage	32GB MicroSD Card (included)
Product Dimensions	17.52 x 3.03 x 8.78 inches
Item Weight	2.73 Pounds

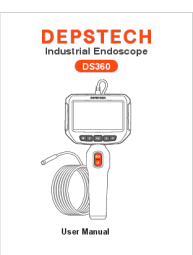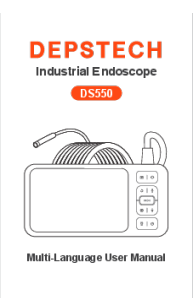# 9. WARRANTY AND CUSTOMER SUPPORT

9.1 Warranty Information

Your DEPSTECH DS660 Articulating Borescope Camera is backed by a 2-year warranty from the date of purchase. This warranty covers manufacturing defects and ensures reliable performance under normal use conditions. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact DEPSTECH customer support. Our team is available 24/7 to provide assistance.
Visit the official DEPSTECH Store for more information:DEPSTECH Store

Related Documents - DS660-1.5M

DEPSTECH Industrial Endoscope DS360 User Manual	DEPSTECH DS360 Industrial Endoscope User Manual User manual for the DEPSTECH DS360 Industrial Endoscope, detailing product features, introduction, UI, language settings, photo/video operations, lens switching, TF card formatting, data transfer, charging, and specifications.
DEPSTECH Industrial Endoscope DS550 Multi-Language User Manual	DEPSTECH DS550 Industrial Endoscope User Manual Comprehensive user manual for the DEPSTECH DS550 Industrial Endoscope. This guide covers product features, operation, button functions, port descriptions, UI elements, language settings, photo/video management, data transfer, charging, installation, detailed specifications, packing list, and compliance information for this 5.0MP, 5-inch IPS screen, waterproof dual-lens inspection camera.
DEPSTECH Industrial Endoscope DS500 User Manual	DEPSTECH Dual Lens Inspection Camera User Manual - Features & Operation Detailed user manual for the DEPSTECH Dual Lens Inspection Camera, featuring a 5-inch IPS screen, 7.9mm HD borescope, LED lights, 32GB storage, and a 5000mAh battery. Learn about its operation, features, and specifications for various inspection tasks.
DEPSTECH Průmyslový endoskop DS320 Uživatelská příručka	DEPSTECH DS320 Industrial Endoscope User Manual Comprehensive user manual for the DEPSTECH DS320 industrial endoscope, covering features, operation, specifications, and troubleshooting. Learn how to use your high-performance inspection camera.

Hello User Manual for Depstech® HD Inspection Camera	[Depstech HD Inspection Camera User Manual](#) Comprehensive user manual for the Depstech HD Inspection Camera (models WF020X, WF025, WF028), covering app download and setup, device activation, WiFi connection, first trial, product structure, charging, accessory installation, app features, specifications, troubleshooting, and safety information.
DEPSTECH Industrial Endoscope DS520 Multi-Language User Manual	[DEPSTECH DS520 Industrial Endoscope User Manual](#) Comprehensive user manual for the DEPSTECH DS520 industrial endoscope, detailing features, operation, specifications, and troubleshooting for effective visual inspection in industrial and mechanical applications.