

Barlus B2G5MPBX10

Barlus Underwater Camera User Manual

Model: B2G5MPBX10

1. INTRODUCTION

Welcome to the Barlus Underwater Camera user manual. This guide provides detailed instructions for setting up, operating, maintaining, and troubleshooting your new 5MP underwater camera. Designed for live streaming in various aquatic environments such as aquariums, ponds, and for underwater observation, this camera offers robust performance and ease of use.

The Barlus underwater camera is built with high-quality, corrosion-resistant materials, ensuring durability and long-term performance in both fresh and saltwater conditions. Its advanced features allow for multi-device viewing and stable wired connections for reliable data transmission.



Figure 1: Barlus Underwater Camera and accessories.

2. PACKAGE CONTENTS

Before you begin, please verify that all items are included in your package:

- Barlus Underwater Camera (Model B2G5MPBX10)
- DC12V Power Adapter
- USB Flash Drive (containing instructions and software)
- 32ft (10m) Corrosion-Resistant Ethernet Cable

Camera Description

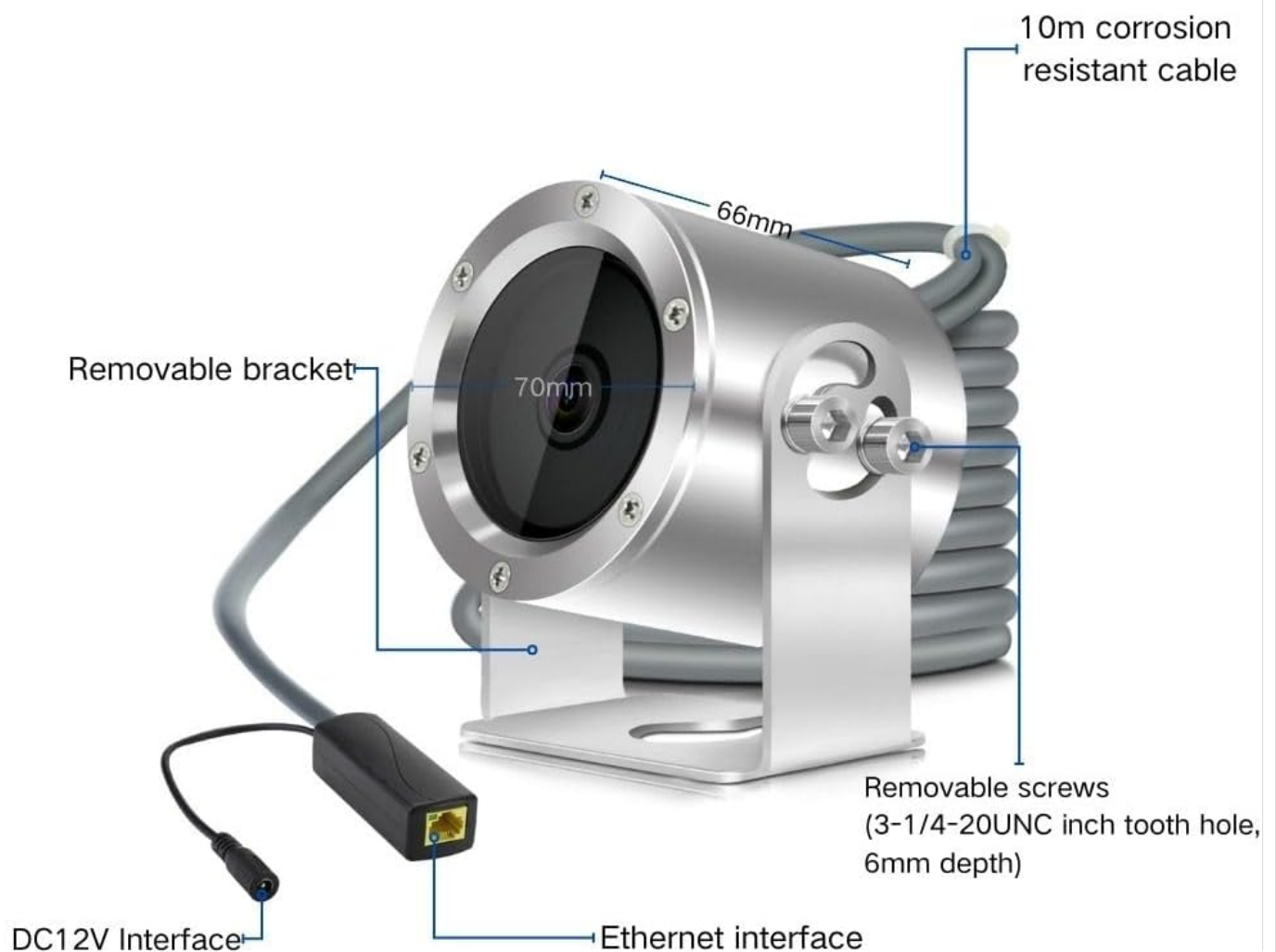


Figure 2: Contents included in the Barlus Underwater Camera package.

Your browser does not support the video tag. This video demonstrates the unboxing of the Barlus underwater camera, showing the contents and initial impressions of the product.

Video 1: Barlus Underwater Camera Unboxing.

3. SETUP AND INSTALLATION

The Barlus Underwater Camera offers flexible connection options to suit your needs. You can connect it directly to a computer or to a router for network access and remote viewing.

3.1. Direct Connection to Computer

1. Connect the DC12V Power Adapter to the camera's DC power interface.
2. Plug the power adapter into a power outlet.
3. Connect one end of the Ethernet cable to the camera's Ethernet port.
4. Connect the other end of the Ethernet cable to your computer's network port.
5. Install the necessary software from the provided USB flash drive to view the camera feed on your computer.

3.2. Connection to Router for Network Access

1. Connect the DC12V Power Adapter to the camera's DC power interface.
2. Plug the power adapter into a power outlet.
3. Connect one end of the Ethernet cable to the camera's Ethernet port.
4. Connect the other end of the Ethernet cable to an available LAN port on your home router.
5. Once connected to the router, you can add the camera to your mobile app (e.g., XMEYE Pro) or computer software by connecting your phone and computer to the same router's Wi-Fi network.

Your browser does not support the video tag. This video illustrates the two basic connection methods for the Barlus underwater camera: direct connection to a computer and connection via a home router for network access.

Video 2: Basic Connection Methods for Barlus Underwater Camera.



Figure 3: Remote viewing setup via mobile phone.

4. OPERATING THE CAMERA

The Barlus Underwater Camera is designed for continuous live streaming and monitoring. Its 5MP resolution provides clear images for various applications.

4.1. Live Streaming and Viewing

- **Mobile App Viewing:** Once connected to your network, use the recommended mobile application (e.g., XMEYE Pro) to view live footage directly on your smartphone or tablet. The app allows for real-time monitoring, snapshot capture, and playback.
- **Internet Viewing:** For remote access, ensure your router is configured for external access to the camera's IP address. This allows you to view the camera feed from anywhere with an internet connection.
- **No Lights Design:** This camera operates without built-in lights, which is ideal for sensitive aquatic environments where artificial lighting might disturb marine life or fish.

Designed for underwater use

A camera that can really be mounted underwater for a long time ✓

- 5MP/20fps
FOV 110°
- Corrosion
Resistant
- Multi-Device
remote View
- Wired connection
Stable transmission

Figure 4: Key features for underwater operation.

Your browser does not support the video tag. This video showcases the display effect of the Barlus underwater IP camera in an ocean environment, demonstrating its clarity and performance.

4.2. Applicable Scenarios

This camera is versatile and can be used in various underwater settings:

- Aquaculture monitoring
- Underwater survey and work
- Diving adventures
- Underwater engineering acceptance
- Downhole observation (e.g., drilling and workover)
- Fishing observation

-How to view remotely via cell phone



1 STEP Connect the camera to the main router

2 STEP Use XMEYE Pro to scan the QR code

In-XMEYE scanning

XMEye Pro

App store available for download

Note: If the scan shows offline. The correct IP address needs to be set on the computer.

The app interface on the phone includes the following options:

- Talk
- Audio
- Record
- Snapshot
- Settings
- 1 CH
- 4 CH
- 9 CH
- SD
- SD
- PlayBack
- Cloud Storage
- Console
- Channel Management

Figure 5: Diverse applications of the Barlus Underwater Camera.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Barlus Underwater Camera, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the camera lens and housing with fresh water to remove any salt, algae, or debris. Use a soft cloth to avoid scratching the lens.
- **Material Durability:** The camera is constructed from special underwater material with high dust and water resistance, designed for permanent underwater operation. It is anti-corrosion, anti-friction, anti-aging, and resistant to water pressure.
- **Cable Inspection:** Periodically inspect the 32ft cable for any signs of wear, cuts, or damage. Ensure connections remain secure.
- **Storage:** If storing the camera for an extended period, clean it thoroughly and store it in a dry, cool place away from direct sunlight.



Figure 6: The camera's robust waterproofing and pressure resistance.

6. TROUBLESHOOTING

If you encounter issues with your Barlus Underwater Camera, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No video feed	Loose cable connection, no power, incorrect network settings.	Check all cable connections. Ensure power adapter is plugged in. Verify network settings (IP address, gateway) if connected to a router. Reinstall software/app if necessary.
Poor image quality	Dirty lens, poor water clarity, network bandwidth issues.	Clean the camera lens. Improve water clarity if possible. Check your internet connection speed and reduce video quality settings if streaming.
Camera not detected on network	Incorrect IP address, firewall blocking, router issues.	Ensure the camera's IP address is correct and within your network's range. Check your router's settings for connected devices. Temporarily disable firewall to test.
Software/App issues	Outdated software, corrupted installation.	Update the software/app to the latest version. Uninstall and reinstall the application. Refer to the USB flash drive for the latest drivers and software.

7. SPECIFICATIONS

Detailed technical specifications for the Barlus Underwater Camera (Model B2G5MPBX10):

Feature	Detail
Model Number	B2G5MPBX10
Video Capture Resolution	5 MP
Shooting Modes	Underwater
Exposure Control Type	Automatic
Color	Silver, Black
Item Weight	4.95 pounds
Package Dimensions	11.42 x 10.79 x 4.21 inches
Manufacturer	Barlus
Country of Origin	China

APPLICABLE SCENARIOS



More scenes for you to explore

Figure 7: Camera dimensions and interface details.

8. WARRANTY AND SUPPORT

Barlus is committed to providing high-quality products and excellent customer service. Your Barlus Underwater Camera comes with a warranty against defects.

- **Warranty:** If you receive any defective underwater camera, or encounter any quality problems within one year of purchase, please contact us.
- **Customer Support:** We value your feedback and strive to respond to all inquiries within 12 hours. For technical assistance, troubleshooting, or warranty claims, please reach out to Barlus customer support through the contact information provided on our official website or the product packaging.

"We care about your feedback and try our best to make you feel our sincerity."

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Question

Details

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