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SeaLife SL550

SeaLife Micro 3.0 Underwater Camera Instruction Manual

Model: SL550

INTRODUCTION

The SeaLife Micro 3.0 is a compact, permanently sealed underwater digital camera designed for capturing high-quality photos and videos in aquatic environments. This manual provides essential information for setting up, operating, and maintaining your camera to ensure optimal performance.



Front view of the SeaLife Micro 3.0 Underwater Camera, showcasing its compact design and lens.

Box CONTENTS

Verify that all items are present in the packaging:

- SeaLife Micro 3.0 Digital Underwater Camera
- Wrist strap
- USB adapter
- USB cable (3ft/90cm)
- Neoprene camera pouch

SETUP

1. Charging the Battery

The Micro 3.0 features an internal lithium-ion battery. Use the provided USB cable and adapter to charge the camera. The charging port is located under a sealed door. Ensure the door is securely closed before any water exposure.



4K Ultra HD Video @ 30fps and 1080p HD video @ 120 fps (Super Slo-Mo)

The camera's side view, highlighting the sealed compartment for charging and data transfer.

2. Internal Memory

The camera comes with 64GB of internal memory. No external memory cards are required or supported for primary storage. This internal memory is sufficient for thousands of photos and hours of video.

3. Attaching the Wrist Strap

Securely attach the included wrist strap to the camera's designated attachment point to prevent accidental drops, especially during underwater activities.

A front-facing view of a black SeaLife camera. The lens is prominent, surrounded by a silver ring with text: "16MP/4K", "Ultra Wide Angle", "Land & Sea", "200ft/60m", "64 GB", and "WiFi Share". The SeaLife logo is on the top and side. A "micro 3.0" port is visible at the bottom.

Easy control – Large piano key buttons for easy operation

16 megapixel SONY®
1/2.3" Image Sensor

260K hi-res 2.4" TFT color LCD

A back-facing view of the camera. The 2.4" TFT color LCD screen displays a vibrant underwater scene with coral and fish. To the right of the screen are three large, black piano key buttons labeled "VIDEO", "MENU", and a play button icon. The camera is permanently sealed.

Permanently sealed - No waterproof door or O-rings to maintain

The camera with its wrist strap, emphasizing secure handling.

4. Initial Power On and Settings

Press and hold the power button to turn on the camera. The 2.4" TFT color LCD monitor will display the user interface. Navigate through the menu using the "Piano Key" buttons to set date, time, and preferred language.

**100° Wide Angle Lens**

7 element, fully multi-coated, aspheric optical lens

64GB internal memory holds 10,300 16mp pictures, 140 minutes 4K video, or 370 minutes 1080p HD video

Rear view of the camera, showing the LCD screen and large, easy-to-operate "Piano Key" buttons.

OPERATING INSTRUCTIONS

1. Basic Operation

- **Power On/Off:** Press and hold the power button.
- **Shutter Button:** Press to capture photos or start/stop video recording.
- **Navigation Buttons:** Use the directional "Piano Key" buttons to navigate menus and settings.
- **Screen Switching:** The camera features both front and rear screens. Use the dedicated screen switch button to toggle between them.

2. Scene Modes

The Micro 3.0 offers five Land & Sea scene modes for optimized shooting in various conditions:

- **Land Auto:** For general above-water pictures and videos.

- **Land Sports/Action:** For above-water action scenes with continuous burst shooting.
- **Dive:** Adds color correction for deeper water.
- **Snorkel:** Adds color correction for shallow water.
- **Underwater Light:** For underwater pictures and videos with external photo-video lights.

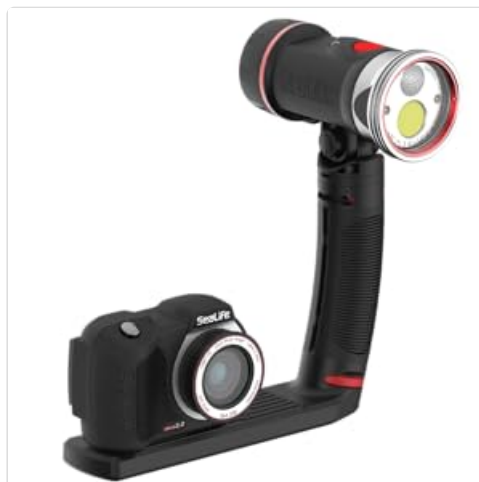


Illustration of the camera's Easy Setup feature, detailing the five Land & Sea scene modes for various shooting environments.

3. White Balance and Color Correction

Customize underwater color correction with manual white balance or utilize the three built-in digital underwater color correction filters:

- **Underwater Deep:** For tropical, blue/cyan water at deeper depths.
- **Underwater Green:** For colder, green/emerald water.
- **Underwater Shallow:** For tropical, blue/cyan water at shallower depths.



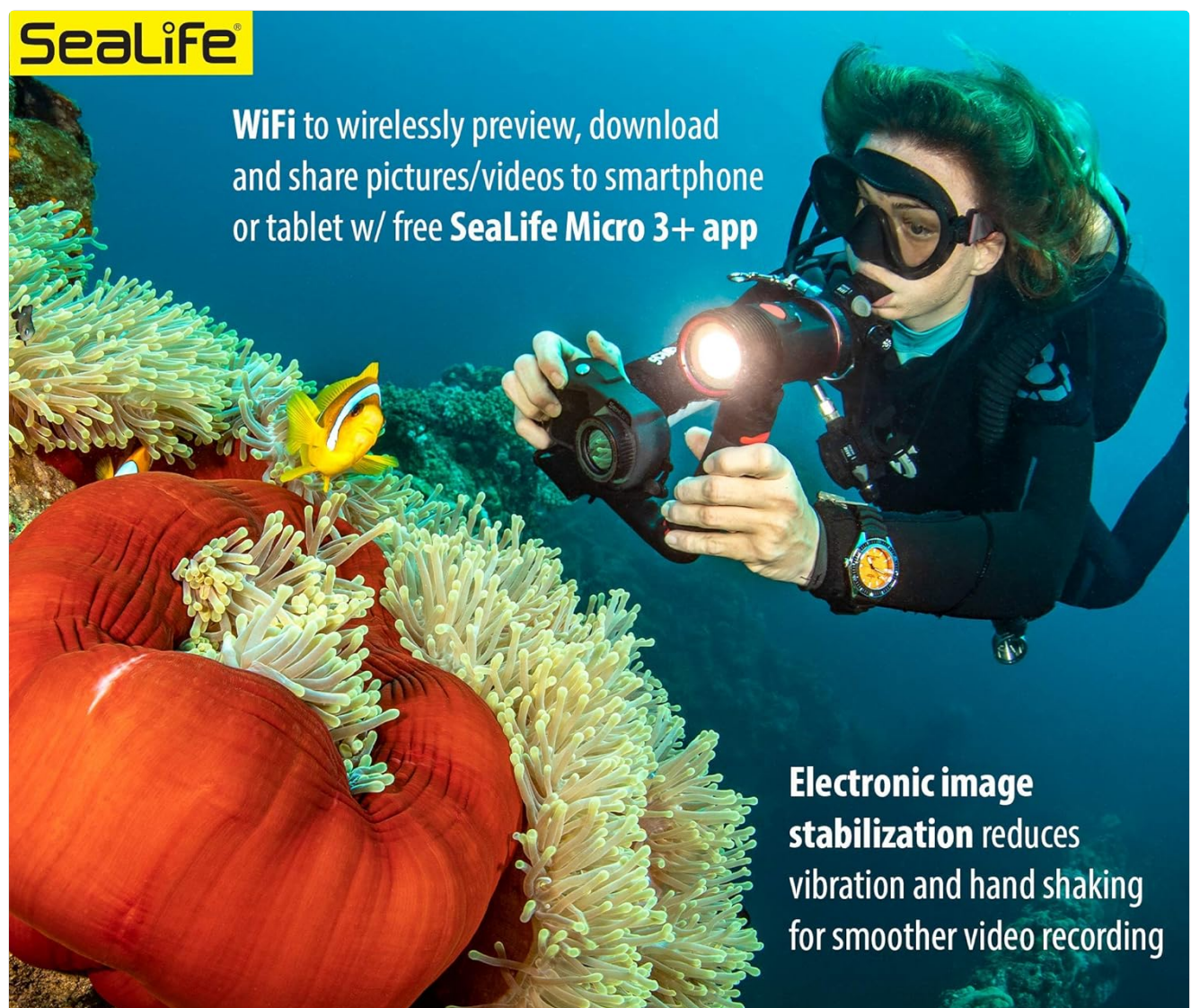
A diver using the SeaLife Micro 3.0, demonstrating the camera's manual white balance and digital color correction features for optimal underwater imaging.

4. Photo and Video Features

- **Image Sensor:** 16MP IMX083 CMOS 1/2.3" sensor.
- **Still Images:** Capture 16MP images in single or continuous mode (up to 10 fps). Supports RAW (.DNG) and JPEG formats.
- **Video:** Record 4K Ultra HD video at 30fps or 1080p HD video at 120fps (Super Slo-Mo).
- **Picture in Video:** Capture 8MP still images while recording 4K video.
- **Time-Lapse:** Take images at set intervals.
- **Electronic Image Stabilization:** Reduces vibration for smoother video.
- **Lens:** 100° wide-angle lens (19mm equivalent) with f/2.8 aperture.

5. Wireless Transfer (Wi-Fi)

The camera features Wi-Fi connectivity. Download the free SeaLife Micro 3+ app to your smartphone or tablet to wirelessly preview, download, and share pictures and videos.



SeaLife

WiFi to wirelessly preview, download and share pictures/videos to smartphone or tablet w/ free **SeaLife Micro 3+ app**

Electronic image stabilization reduces vibration and hand shaking for smoother video recording

JPEG & RAW image formats - Hi-res, uncompressed DNG image file mode available for virtually unlimited photo editing options

A diver using the SeaLife Micro 3.0 underwater, illustrating the camera's Wi-Fi sharing feature with a smartphone.

MAINTENANCE

- **Cleaning:** After each use in saltwater, rinse the camera thoroughly with fresh water. Do not use harsh chemicals.
- **Drying:** Allow the camera to air dry completely before storing.
- **Storage:** Store the camera in a cool, dry place, preferably in the provided neoprene pouch.
- **Battery Care:** Charge the battery regularly, even when not in use, to maintain its lifespan. Avoid fully discharging the battery for extended periods.
- **Sealed Design:** The camera is permanently sealed and does not have O-rings to maintain, eliminating concerns about leaks from improper sealing.

TROUBLESHOOTING

For common issues, refer to the following:

- **Camera not powering on:** Ensure the battery is fully charged.
- **Poor image quality:** Check selected scene mode and white balance settings. Ensure the lens is clean.
- **Wi-Fi connectivity issues:** Ensure the camera and smart device are within range and the SeaLife Micro 3+ app is updated.
- **Water inside charging port:** The camera is permanently sealed. If water is observed in the charging port area, ensure the port cover is dry before opening. The camera itself is waterproof.

For further assistance, contact SeaLife customer support.

SPECIFICATIONS

Feature	Detail
Model Name	Micro 3.0 Underwater Camera
Model Number	SL550
Image Sensor	16MP IMX083 CMOS 1/2.3"
Still Resolution	16 MP
Video Resolution	4K @ 30fps, 1080p @ 120fps
Lens	100° Wide Angle (19mm equivalent), f/2.8
Internal Memory	64 GB
Depth Rating	200' (60 m)
Display	2.4" 260k TFT color LCD
Connectivity	Wi-Fi, USB
Battery Type	Internal Lithium Ion

Feature	Detail
Weight	11.6 Ounces

WARRANTY AND SUPPORT

The SeaLife Micro 3.0 Underwater Camera comes with a 1-year limited warranty covering manufacturing defects. For technical support, warranty claims, or service inquiries, please visit the official SeaLife website or contact their customer service department.




OFFICIAL PRODUCT VIDEOS

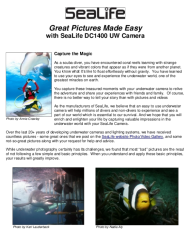
SEALIFE Micro 3.0 Overview

Your browser does not support the video tag.

This video provides an overview of the SeaLife Micro 3.0 camera, highlighting its key features and design. (Source: Webbyshops)

Related Documents - SL550

	<p>SeaLife Micro 3.0 Underwater Camera Instruction Manual</p> <p>Comprehensive instructions for the SeaLife Micro 3.0 Underwater Camera (Item SL550), covering setup, operation, advanced features, photography tips, and support. Available in multiple languages.</p>
	<p>SeaLife Micro 3.0 Underwater Camera Instruction Manual</p> <p>User manual for the SeaLife Micro 3.0 underwater camera (SL550), detailing setup, operation, features, specifications, and care for optimal underwater photography and videography.</p>
	<p>SeaLife Micro 3.0 Underwater Camera Instruction Manual - SL550</p> <p>Comprehensive instruction manual for the SeaLife Micro 3.0 underwater camera (Item SL550), covering setup, operation, features, connectivity, and maintenance for optimal underwater photography.</p>



SeaLife DC1400 UW Camera: Underwater Photography Guide

Learn how to take great underwater pictures with the SeaLife DC1400 UW Camera. This guide covers essential tips on lighting, color correction, focus, and composition for stunning underwater photography and videography.



SeaLife Micro 3.0 Underwater Camera Instruction Manual

Comprehensive instruction manual for the SeaLife Micro 3.0 underwater camera (SL550), detailing setup, operation, features, specifications, and maintenance for capturing high-quality underwater photos and videos.



SeaLife SportDiver Underwater Housing for iPhone SL400 Instruction Manual

This instruction manual provides detailed information on the SeaLife SportDiver Underwater Housing for iPhone SL400, including setup, usage, care, troubleshooting, specifications, and warranty.