

# Aqua-Vu®



## MICRO AV PLUS

A Complete Pocket Size Underwater Camera System!

Congratulations! Your new Aqua-Vu Micro Underwater Viewing System will open a new world of underwater exploration. Please take a moment to familiarize yourself with the Aqua-Vu Micro's features and specifications.

### Product Safety

- Always keep camera cable away from ice augers, propellers, and other moving or sharp objects
- Keep the monitor and camera away from portable heaters, radiators and other heat generating equipment
- Avoid wedging camera in rocks, roots, submerged trees, or other underwater debris
- Do not store unit in damp places
- Do not attempt to disassemble the monitor or camera. Doing so will void the warranty
- Be aware of your surroundings while using the camera
- Do not intentionally submerge the monitor. IP67 Waterproof rating does not protect against intentional or prolonged submersion.
- Use the wrist strap

### Before First Use

Before first use charge the battery for 8 hours. The AV Micro Series cameras are equipped with an internal lithium ion battery.

### Assembly

Attach wrist strap to monitor. The accessory mounting point is threaded to allow mounting on a standard camera tripod (1/4" 20 pitch) or a variety of mounting systems designed for mounting a camera.

### In the Package

- Monitor
- Camera
- Fin (1)
- Camera Position Clips (2)
- Warranty Card
- Wrist Strap
- Battery Charger

### Specifications

- 1/4" Color Image Sensor .01
- Lux 653x490 2 IR lights
- Automatically switches to B/W in low light
- 50' 22lb test camera cable
- 3.5" TFT LCD 550cd/m2
- Field of View 150°
- 3.7V 4000mA Li rechargeable battery

### Using the Fin

The included fin can be used to position the camera in moving water, while trolling or pitching the camera. Attach the fin at the desired viewing angle by pressing the

cable strain relief into place. Add weight (not included) as needed to the bottom of the fin.

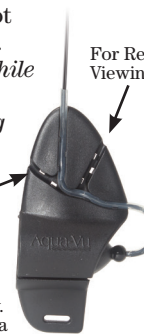
*Please note, in certain water conditions (while trolling or in areas of high current) it may be necessary to route the cable using the following methods:*



1. In calm water, this provides a 40° up-view. Used while trolling, the camera faces forward.
2. In calm water, this provides a side view. Not recommended for trolling. Camera will be unstable.
3. In calm water, this provides a 25° downview. Used while trolling, this position runs with the camera facing backwards.

For Forward Viewing

For Rear Viewing



### Power

The integrated magnetic switch will automatically turn the power on and off when the cover is opened or closed.



1. Lid
2. Magnet (for power switch)
3. Zoom / Select Up ▲ Down ▼
4. Menu
5. LCD Brightness
6. IR lights
7. Wrist strap mount
8. USB Charging/Video Out Port
9. Camera Connector
10. Accessory Mounting Point
11. Fin
12. Charger Base
13. USB charging cable / Video out
14. Camera
15. Camera Position Clips

### Display Brightness

There are three preset backlight levels. Pressing the Display Brightness Button (#5) will cycle through the levels of brightness.

### Digital Zoom

Press UP ▲ or DOWN ▼ arrows for up to 3x digital zoom.

### Menu

Pressing the menu button (#4) will allow you to change user settings. Use UP ▲ or DOWN ▼ arrows to adjust desired settings. Once complete, continue pressing the menu button to exit.

### IR Lights

Pressing the light button (#6) will turn the IR lights on or off. Please note, IR Lights may be difficult to see with the human eye. To verify that the lights are working, take the camera in a dark location and point it at the monitor. The lights will be visible on the monitor.

### Viewing Tips

For tips on using your Aqua-Vu Underwater Camera System, please visit our website [www.aquavu.com](http://www.aquavu.com). You can also view helpful video's on our Facebook Page or YouTube Channel.

### Troubleshooting

Problem	Cause	Solution
Nothing Happens when the cover is opened.	Battery not charged	Attach battery charger and charge battery for 8 hours
Blue Screen	Camera not plugged in or poor connection	Check camera connection, Due to the rubber O ring that seals the camera against accidental submersion the connection is very tight and may require a little extra effort.
	Camera is frozen	Place camera in water to thaw
Poor Image	Improper Menu settings	Check Menu settings
Difficulty using camera Fin and Clips	Improper techniques	For more detailed instructions please visit the video's-FAQ's page at <a href="http://www.aquavu.com">www.aquavu.com</a>
	Camera may be stuck in weeds/ muck or poor water clarity	Raise camera, move to different lake

For service  
866-755-6303 or [www.aquavu.com](http://www.aquavu.com)