

# Aqua-Vu®



## MICRO AV

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 submerge the monitor
- Use the wrist strap

### Before First Use

Before first use charge the battery for 8 hours. The AV Micro includes an internal Lithium Ion battery.

### Assembly

Attach wrist strap to monitor base plate. The wrist strap can be attached for either right or left hand Attach camera spool to monitor base plate using the fixing bolt and wrench (do not over tighten). Be sure to position spool so the camera can be plugged in to the monitor without causing stain on the connection or cable.

The fixing bolt is threaded to allow mounting on a standard tripod (1/4" 20 pitch) or a variety of mounting systems designed for mounting a camera.

### In the Package

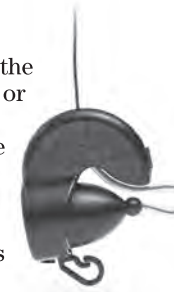
- Monitor
- Camera
- Spool
- Fixing Bolt
- Fin (2)
- 90° Wire Holder (2)
- Wrench
- Warranty Card
- Wrist Strap
- Battery Charger

### Specifications

- 1/4" Color Image Sensor .1
- Lux 420TVL 2 IR lights
- Automatically switches to B/W in low light
- 50' 22lb test camera cable
- 3.5" TFT LCD 320x240
- 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 or a while trolling or pitching the camera. Attach the fin at the desired viewing angle by pressing the cable strain relief into place. The cable strain relief should not extend past the top of the fin. Snap the fin closed using with the bottom clasp. Add weight (not included) as needed to the weight hook.



### Power

Turn the camera on or off using the Power Switch (8).

### Backlight

There are three preset backlight levels. Upon power up the brightest setting is the default. Press the Backlight (11) button to decrease the amount of backlight. Using a lower setting will provide longer battery life.

### Menu

Pressing the Menu button (15) will bring up the monitor display menu. You can adjust the brightness, contrast and (color) saturation using the + / - buttons



- 1. Monitor
- 2. Monitor Base Plate
- 3. Camera
- 4. IR Lights
- 5. Camera Spool

- 6. Camera Connector
- 7. Strap Mount
- 8. Power Switch
- 9. Battery Charging Port
- 10. Battery Status

- 11. Backlight
- 12. Rotate Image
- 13. +
- 14. -
- 15. Menu

- 16. Camera Input
- 17. Fin
- 18. Charger
- 19. Wrench
- 20. Fixing bolt

### Rotate Image

Pressing the rotate image button (12) will rotate and flip the image. This can be helpful when trolling or pitching the camera.

### Battery Status

Pressing the battery status button (10) will briefly display the current level of battery life remaining

### IR Lights

The IR Lights (4) will automatically turn on and off based on the level of ambient light. IR is outside the wavelength of light visible to humans. To check if the lights are work-ing take the camera in a dark room and point the camera at the monitor. The lights will be visible on the monitor.

### Viewing Tips

For tips on using your Aqua-Vu Micro Camera Please visit our website [www.aquavu.com](http://www.aquavu.com) or facebook Aqua-Vu

### Troubleshooting

Problem	Cause	Solution
Nothing Happens when the unit is turned on	Battery not charged	Attach battery charger and charge battery for 8 hours
Blue Screen	Camera not plugged in or poor connection	Check camera connection, power off/on
	Camera is frozen	Place camera in water to thaw
Poor Image	Improper Menu settings	Check Menu settings
	Camera may be stuck in weeds/ muck or poor water clarity	Raise camera, move to different lake

For service  
866-755-5790 or [www.aquavu.com](http://www.aquavu.com)