

Aqua-Vu Underwater Viewing System

Applications

Aqua-Vu Underwater Viewing System can be used in a number of applications:

- **Fishing** (ice, boat, dock's, down-rigging)
- **Exploring** (new water area's)
- **Inspection** (bridges, ships, pipes, cables, wells)
- **Recovery** (equipment, boats, planes)
- **Research** (aquatic life)
- **And more!!!**
- * **Built-in video-out jack for video recording**

Underwater lighting info

IR Lighting (infrared lights)

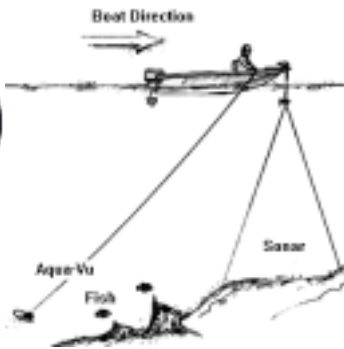
In 1997, Aqua-Vu introduced underwater viewers to infrared (IR) lights. We refer to IR lights as a "transitional light source." This means IR lights provide improved viewing at dawn and dusk, and in deeper water. IR lights will help you observe the increased underwater activity common during prime sunrise and sunset times.

MC Lighting (multi-colored lights)

In 2000, Aqua Vu introduced Multi-Color lights. Aqua-Vu's patented Multi-Color (MC) lighting offers superior light penetration after dark. MC lights offer from two to 10 times more visibility when compared to infrared lights at night. The blended red and green lights of Aqua-Vu's Multi-Color cameras closely match the frequency or "color" of particles in the water. This minimizes reflection and increases the distance MC light can penetrate. Multi-Color lighting is found on the Aqua-Vu MC2x and SV series models.



IR lights



IR lights

#204-Z-60 (60 foot cable)
#204-Z-120 (120 foot cable)

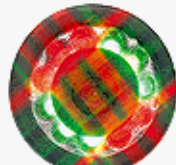
#204-ZT-60 (60 foot cable)
#204-ZT-120 (120 foot cable)

- Available with 60- or 120-foot cable
- Nine infrared lights with on/off
- Built-in video-out jack for video recording
- Weather-proof monitor with 420-line resolution
- Locking video connector
- Encapsulated impact-resistant camera
- Compact design takes up little space in boat or fish house
- Removable sunshield
- Built-in cable storage
- Includes battery, charger, ballast weights, and front-viewing fin

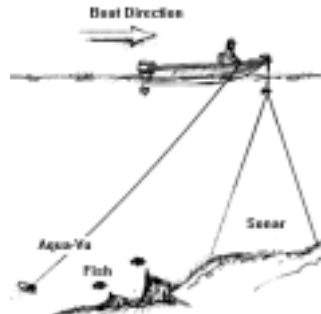
- **Temp-Tech on-screen water temperature display**
- Available with 60- or 120-foot cable
- Nine infrared lights with on/off
- Built-in video-out jack for video recording
- Weather-proof monitor with 420-line resolution
- Encapsulated impact-resistant camera
- Compact design uses little space in boat or fish house
- Removable sunshield
- Built-in cable storage
- Includes battery, charger, ballast weights, and front-viewing fin



MC
MC2x-Series
Multi-Color



MC Lighting



SV
Smart-Vu
Multi-Color

#204-MC2X-60 (60 foot cable)
#204-MC2X-120 (120 foot cable)

#204-SV-60 (60 foot cable)
#204-SV-120 (120 foot cable)

- **Temp-Tech on-screen water temperature display**
- Available with 60- or 120-foot cable
- Eleven Multi-Color lights with on/off
- Built-in video-out jack for video recording
- Weather-proof monitor with 420-line resolution
- Encapsulated impact-resistant camera
- Compact design uses less space in boat or fish house
- Removable sunshield
- Built-in cable storage
- Includes battery, charger, ballast weights, front-viewing fin, and carrying case

- **Direct-Tech on-screen camera direction indicator display**
- **Temp-Tech on-screen water temperature display**
- Available with 60- or 120-foot cable
- Eleven Multi-Color lights with on/off
- Built-in video-out jack for video recording
- Weather-proof monitor with 420-line resolution
- Encapsulated impact-resistant camera
- Removable sunshield
- Compact design uses less space in boat or fish house
- Includes battery, charger, ballast weights, front-viewing fin, and carrying case



DT
Depth-Tech
Series

- **Depth-Tech on-screen display of camera depth**
- **Direct-Tech on-screen camera direction indicator display**
- **Temp-Tech on-screen water temperature display**
- Available with 60- or 120-foot cable
- Eleven Multi-Color lights with on/off
- Built-in video-out jack for video recording
- Weather-proof monitor with 420-line resolution
- Encapsulated impact-resistant camera
- Removable sunshield
- Includes battery, charger, ballast weights, front-viewing fin, and carrying case

#204-DT-60 (60 foot cable)
#204-DT-120 (120 foot cable)

F.A.Q. - ANSWERED

How far can I see?

Naturally, the clearer the water the farther you can see. As a general rule the camera will "see" two times farther than the human eye in water. If you can see 3 feet down you will be able to see approximately 6 feet with the camera. This is a general rule and all bodies of water will vary. For anglers, two feet of visibility is sufficient for studying bottom structure with an underwater camera.

When do I use the Multi-Color lights?

The Multi-Color lights in your Aqua-Vu MC2x are designed for maximum visibility in low-light situations. You can activate the Multi-Color lights by turning the power switch to the "ON/LIGHT" position. The Multi-Color lights will give a minimum of twice the visibility of traditional infrared lights at night.

How Do I Steer the Camera?

For viewing in the direction of travel, use the Front Viewing Fin. With the Front Viewing Fin attached to the back of the camera, slowly troll (less than 2 mph) or drift along the structure you intend to observe. Thanks to the Fin, your camera will face the direction of the boat's travel. The opposite holds true when using the Back Viewing Fin accessory. With the Back Viewing Fin, you will be looking "backwards," or in the opposite direction of the boats travel.

Can I splice the camera cable to obtain more length?

No. Attempting to splice in additional cable violates the waterproof integrity of the camera and cable, voiding the warranty.

Can I attach my camera to a downrigger?

Yes. By using the Cam-Rigger accessory you can attach your camera to a downrigger cable at any depth. With a Cam-Rigger, and with adequate water clarity, you can use an Aqua-Vu camera to watch your lure track.

How fast can I troll with my camera?

The answer to this question depends on depth and the length of cable you have out, which determines water resistance. The deeper you go, with more cable going through the water, the more drag or "water resistance" there will be. Increased cable length and resulting drag require slower travel for good viewing. Generally, for best viewing we recommend going less than two miles per hour. Remember, the slower you go the more detail you will see. Also, when trolling forward use special caution to avoid getting camera and cable caught in a boat's propeller, rudder, or underside rigging.

Can I use my Aqua-Vu in saltwater?

Yes. All Aqua-Vu cameras are saltwater-rated. They are constructed with stainless steel hardware and materials that are impervious to corrosion.

Will my Aqua-Vu work in subfreezing conditions?

Aqua-Vu systems are designed to operate at temperatures from -400 to 1200 F. Expect your battery life to decrease in cold conditions.

What is the camera's angle of view?

Your camera lens has a viewing angle of 92 degrees. At 4-1/2 feet in front of the camera you will view an image approximately 6 feet wide.

What is the resolution of my monitor screen?

Your screen has 420-line resolution for crystal-clear viewing.

Can I hook my Aqua-Vu up to a larger monitor or hand-held recorder?

Yes. Your Aqua-Vu can be hooked up to a larger external TV, provided it has a "video-in" jack. The same holds true for a hand-held video recorder. Because of its compatibility with television and video recorders, Aqua-Vu is ideal for use in a winter fish house or large boat with a built-in video system.

Is Aqua-Vu Legal?

To our knowledge there are no restrictions anywhere that regulate the use of Aqua-Vu underwater viewing systems. Aqua-Vu is an approved pre-fishing tool for B.A.S.S. tournaments, In-Fisherman PWT events, and other professional tournament circuits across the country.