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Your Ocean Images housing is designed to provide years of trouble-free service with a minimum of care. It is constructed of durable, corrosion resistant materials that are well suited for the marine environment. These instructions outline the procedures needed to operate and maintain your underwater video housing.

## Dolphin ViewCam Underwater Video Housing Instruction Manual & Maintenance Guide

### Installing your camera in the Dolphin ViewCam Housing

- Release the upper spring catches then the lower ones to remove the rear face plate. Slide out the tray from the housing. Note the 1/4" screw used to attach the camcorder to the tray. Inspect the inside of the housing for dirt, especially the port. If any dirt is found, remove it as it will most certainly end up on the port lens. Clean the port lens if fingerprints or foreign matter is found. A common lens cleaner and soft cloth will work fine. Once you are satisfied that the inside is clean, you may prepare your camcorder for loading..
- Prepare the camcorder by installing a freshly charged battery and a blank tape. The side strap on the camera should be removed prior to installing in the housing. Next remove the lens hood (see the camcorder manual for instructions), and the lens cap. Attach your camcorder to the tray using the camcorder tripod mounting screw. Pull out on the controls to provide clearance for installation of the camcorder. Now you are ready to insert the camcorder into the housing. Carefully slide the camcorder into the housing by engaging the tray into the track of the housing.
- **Before fastening the rear face plate, be sure the quad seal ring is seated in it's groove and the quad ring and mating surfaces are clean. Be sure that the quad ring is not rolled in the groove.** It is very important to inspect the condition of this seal and housing surface to be sure it is clean and in place. Failure to do so may result in a flooded housing and a damaged camcorder. Ocean Images & Co., Inc. does not warrant your camcorder in the event of damage due to a seal leak..
- A **thin** film of silicone grease should be applied to lubricate the seal ring. Position, the face plate over the housing and align the catch hooks with the catches. Put all the catches in the hooks and adjust the alignment of the face plate by centering it on the housing, then draw down the lower catches before the upper catches. Push in on the controls while at the same time aligning the tips on the controls over the camcorder buttons.



Your Dolphin ViewCam Video System is now  
ready for use

## Dolphin ViewCam Underwater Video Housing

### Back View with Control Knobs



Mechanical control shafts operate the control functions of the camcorder. The control shafts penetrate the housing wall through reliable o-ring sealed metal glands.

The optional Color correction filter is mounted inside the housing and controlled by a knob on the front of the housing.

Confirm control operation by looking at the image on the LCD and watching it appear when the "Camera" button is moved to the ON position. With the camcorder on, recording is controlled by rotating the "Record/Pause" control.

The Zoom is controlled by rotating the uppermost control knob. Engage the control shaft to either the right or left side of the protrusion on the camera zoom knob and rotate the control to adjust zoom. Disengage the shaft when the desired amount of zoom is achieved.

### After the Dive

A thorough rinse in fresh water will help keep your equipment in good condition. Use clean fresh water. Most rinse tanks aboard charters are loaded with a percentage of seawater so make the final rinse in your own tank. Before removing the rear faceplate, wipe the housing dry with a towel. Do not let water droplets dry on the port; wipe them dry. The object is to avoid any water droplets from falling on the camcorder.

It is recommended when storing your housing, to install a spare O-ring and keep the O-ring that you use underwater in a zip-lock bag. Doing so will keep the O-ring from deforming and losing its resiliency.

Like all photographic equipment, it is recommended that the housing and video light be shaded and not exposed to direct sunlight for any length of time. On a hot day, in direct sunlight, above water, it is possible for the temperature within the housing to become very hot -- damage to your equipment may result. Shade the housing or keep it covered in the case until ready to use.

**REMEMBER -- release the draw catches when you store the housing.**