

Ocean Images & Co., Inc.
1443 NW 25th Place
Cape Coral, FL 33993

Phone: (239) 282-0755
Fax: (239) 282-8861
Email: keith@oceanimagesinc.com
Web: www.oceanimagesinc.com



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.

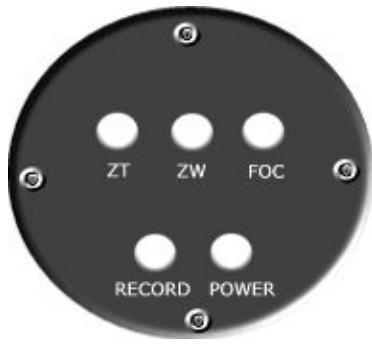
Mini Digital TRV Underwater Video Housing Instruction Manual & Maintenance Guide

Installing your camera in the Mini Digital TRV Housing

- Release the spring catches and remove the rear faceplate. Inspect the inside of the housing for dirt, especially the port. If any dirt is found, remove it, as it will 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. Release the tray lock thumbscrew and slide the tray from the housing. Attach your camcorder to the tray using the appropriate hole that lines up with the camcorder tripod mounting hole and at the same time position the camcorder view finder just inside the housing. Make sure the view finder and battery are in far enough not to interfere with the rear face plate. Once selected, mark this hole for future use. Tighten the mounting screw just enough to hold the base secure; do not over tighten. Install a good quality tape and a freshly charged battery in the camcorder. Remove the lens cap and carrying strap, attach the wide angle lens (and filter if desired). If you plan to use manual focus, open the manual control door, on models so equipped (or place in manual focus mode). Turn the Power switch to "**Camera**". Place the "Lock/Standby" switch to "**Standby**".
- 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. With the camcorder about half way in, plug the control-L cord into the "remote" jack of the camcorder. Slide the camcorder all the way in and tighten the tray thumb screw just enough to keep tray from moving.
- **Before fastening the rear faceplate, 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 twisted 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 flooding.**
- A thin seal of silicone grease should be applied to lubricate the O-ring seal. Now, position the faceplate over the housing and align the catch hooks with the catches. Put all the catches in the hooks and adjust the alignment of the faceplate by centering it on the housing, then draw down the opposite catches together.



Your Mini Digital TRV Video System is now
ready for use



Mini Digital TRV Push Button Control Console

The right side handle contains the push button control console. By simply depressing the push buttons, the diver can turn on and off the various camcorder functions through the electronic control module. The electronic control module, located inside the housing, translates the signals from the push buttons to Control-L signals for the camcorder.

Confirm control operation by looking at the image in the viewfinder and watching it disappear when the “**POWER**” button is depressed. Wait a few seconds and press it again and the camcorder will turn on. With the camcorder on, recording is controlled by depressing the “**RECORD**” button. Press to **start**, press again to **stop**, etc.

The **ZOOM** is controlled with the buttons labeled **ZT (Zoom Telephoto)** and **ZW (Zoom Wide)**. Simply press and hold the button until the desired amount of zoom is achieved.

The **FOC** button controls the transition from manual to auto focus and back on camcorder models that are equipped to control focus through the Control-L jack. With the camcorder manual control door open (auto lock) the diver may select between manual or auto focus by depressing the “**FOC**” button.

***Note:** Opening the oil-filled push button control console will damage the console and void your warranty.*

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.