

IKELITE VIDEO CASE

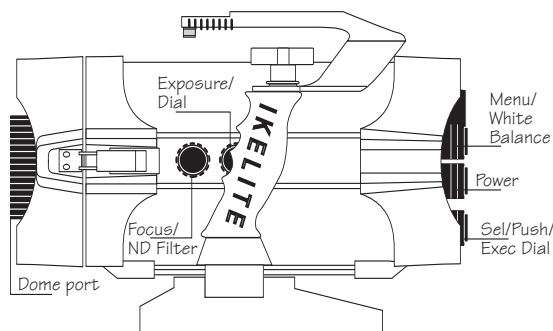
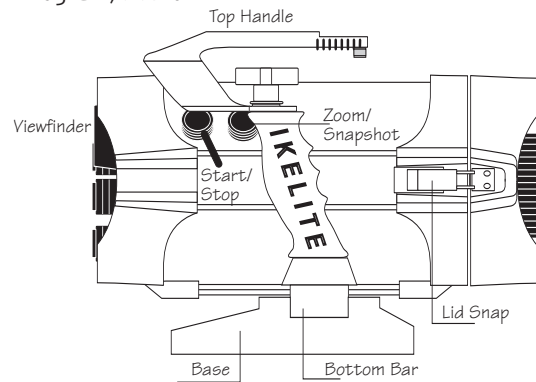
SUPPLEMENTAL INSTRUCTIONS FOR
#6037.12 Sony VX2000, PD150
#6037.14 Sony VX2100, PD170

This supplemental set of instructions describes additional features specific to your housing model. Prior to testing the system in the water, please read this supplement along with the general instruction manual to become familiar with its features and functions.

Ikelite Video Cases are slightly negative in salt water for stability. This housing has been water pressure tested at the factory and has a working depth of 60m (200').

HOUSING CONTROLS

- Power On/Off
- Start/Stop, Snapshot
- Power Zoom
- Focus Lock (Auto/Manual Focus Switch), ND Filter
- Manual Focus
- White Balance, AE Program, Menu
- Exposure, +/-
- Sel/Push Exec



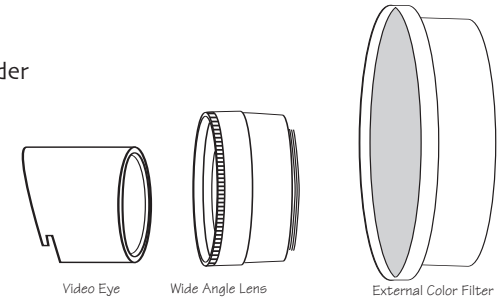
MAIN O-RING #0132.59

O-rings last several years if properly maintained. Control seals should not need to be replaced as long as the control shafts are kept clean and lightly lubricated.

PREPARATION

PACKAGED WITH HOUSING

- Color Filter
- Wide Angle Lens
- Video-Eye Viewfinder
- Silicone Lubricant



LENS INSTALLATION

Clean the camera lens and all lens accessories with lens cleaner and lens tissue. Lens threads are very fine; **DO NOT** cross thread. All accessories should screw on very easily. If it is difficult to turn, you are cross threading.

Unscrew the lens hood from the camera lens. Carefully thread the wide angle lens on the camera.

BATTERY AND TAPE

Install a fully charged Sony battery in the camera:
Sony NP-F550, F750, F950, F960

Insert a high-quality digital video tape.

Other brand batteries may not fit inside the housing. If the battery selected overhangs the camera tray by a dimension greater than 8mm (5/16"), then the battery is too large and will cause the housing to leak.

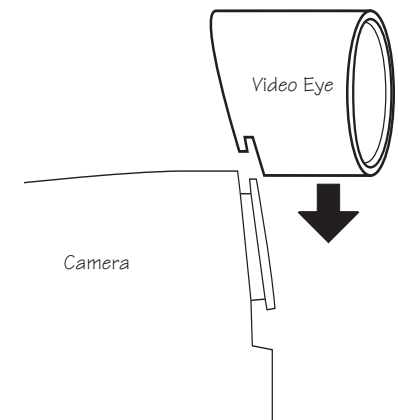
VIDEO-EYE VIEWFINDER

See exactly what the camera sees. Ikelite Video-Eye attaches to the camera's electronic viewfinder and extends the image to provide enhanced viewing underwater.

Before securing the Ikelite Video-Eye, the original Sony eyepiece **MUST** first be removed from the camera's electronic viewfinder. To remove the Sony eyepiece, there is a black-colored decal under the viewfinder that must be removed to access the release button.

Remove the black decal and then remove the Sony eyepiece from the electronic viewfinder by lifting the viewfinder up, sliding the release button, and then sliding the original eyepiece from the viewfinder. Reference your camera instruction manual for proper removal procedure.

Clean the Video-Eye with lens cleaner and lens tissue. Lower the viewfinder back to the horizontal position and simply slide the Video-Eye onto the viewfinder.



FINAL PREPARATION

The camera's auto focus feature is utilized underwater. For best results, move in close to your subject and use the wide angle range to shoot thru as little water as possible. **Note:** Most internal wide-angle conversion lenses must be used with the camera lens set at it's widest angle. When using the wide-angle conversion lens, if the camera lens is zoomed toward telephoto, the edges of the photograph may become blurred. The farther the lens is zoomed the greater the blurred area.

Remove the lens cap and cord from the camera. Otherwise, it may interfere with the housing seal. The chart shows recommended initial settings underwater.

It may be necessary to add up to 1.4k (3 lbs.) of lead weight to maintain the slight negative buoyancy when using the Ikelite Pro Video-Lite 3.

CAMERA	SETTING
Power On/Off	- Camera (On)
Zoom Lever	- Wide Angle Setting
ND Filter	- Off
Exposure	- Auto Mode
Auto Lock	- Center Position
Program AE	- Auto Mode
Shutter Speed	- 1/60 Normal
White Balance	- Auto Mode (see section)
Steady Shot	- Off

WHITE BALANCE

Initially set the white balance to Auto. The housing features a white balance control to change the setting.

Video-Lite

When using the optional Video Lite at NIGHT, set the camera white balance to the Indoor position. During the DAY, use the Outdoor setting for subjects beyond 4-5 feet and the Indoor setting for closer subjects.

COLOR FILTER

When using the color filter (during the day), set the camera white balance to Indoor for 0-15 foot depth. For 15-80 foot depth, set the white balance to Outdoor.

INSTALLATION

CAMERA TRAY

Note the placement of the camera tray underneath the guides; slide the camera tray out of the housing.

Place the camera against the stabilizing pins on the tray. Secure the camera to the tray with the tripod mounting bolt. The camera should fit easily on the tray and should be parallel with the sides of the tray.

INSERTING THE CAMERA

Pull the housing controls out to provide clearance for the camera. Slowly slide the camera tray (with camera mounted) back into the housing.

DO NOT force this installation; if the controls are out of the way and everything is lined up properly, the camera and tray will fit easily inside. Make certain that the tray is completely in the housing.

INSTALLATION continued

HOUSING CONTROLS

Slide the housing controls back in place making sure they properly align with the camera functions.

Operate each control to see how it works with the camera. Some controls such as start/stop will be used frequently. Other controls may seldom be utilized. Refer to your camera owner's manual for the proper function of each camera control. Look thru the back to be sure that you can see into the viewfinder.

*When using the housing controls, especially the start/stop, **DO NOT** use excessive force because you could damage the camera.*

MANUAL FOCUS OPERATION

Manual focus may be preferred in low light levels or when the subject possesses little contrast.

Set the auto/manual focus switch (focus lock control) to Manual. This cancels the auto focus and locks the focus. If you want to manually adjust the focus, rotate the manual focus control as desired. To reactivate the auto focus, set the focus switch to Auto.

UR/PRO COLOR FILTER

The external color filter secures to the outside of the dome port. Note the two small rectangular openings in the rubber filter ring. Position the filter with the small openings at the top and bottom and then press the rubber filter ring over the dome port.

You may find it best to enter the water with the filter secured on the dome; however, once underwater you will need to remove the filter, wipe air bubbles from the dome and filter, and then reinstall the filter on the dome. It is extremely important that no air bubbles are trapped between the dome and filter.

Refer to the housing's general instruction manual for additional filter information. **DO NOT** shoot into the sun while using the external color filter because it may create a noticeable refraction effect.

CLEANING THE FILTER

The color filter is protected with a scratch resistant coating; however, special care should always be taken when handling the filter. Immediately after use, rinse and gently dry the filter to avoid water spotting. Then use a mild soap solution or lens cleaner and a very soft cloth to clean the filter. Minor scratches will usually fill with water and not affect the picture quality.

CAUTION

Remove the lens cap and cord from the camera. Otherwise, the cord may interfere with the housing seal.

If the housing controls are not properly positioned, they could interfere with the housing seal.

IKELITE UNDERWATER SYSTEMS

50 West 33rd Street • PO Box 88100 • Indianapolis, IN 46208 USA • 317.923.4523
Email: ikelite@ikelite.com • www.ikelite.com