

IKELITE VIDEO CASE

SUPPLEMENTAL INSTRUCTIONS FOR

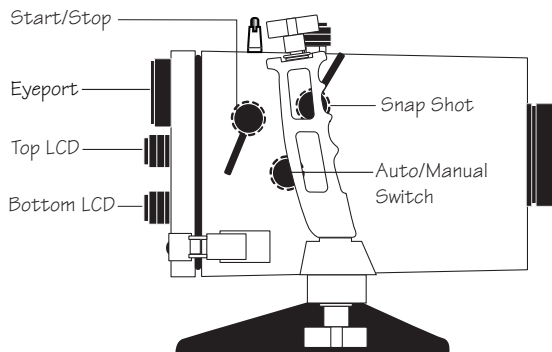
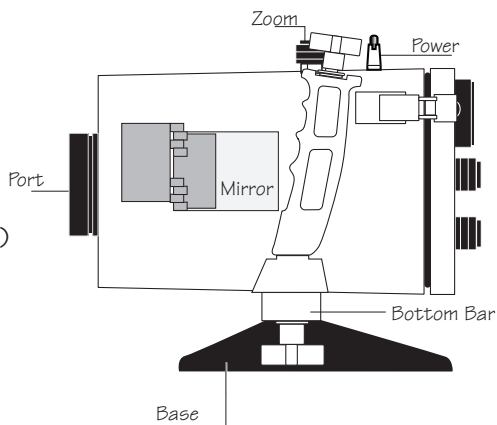
#6096 Canon VIXIA HFS20, HFS21, HFS200

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
- Snap Shot
- Zoom
- Top LCD
- Bottom LCD
- Auto/Manual Switch
- White Balance (menu)
- Auto/Manual Focus (menu)



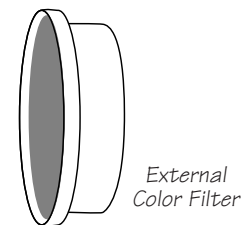
MAIN O-RING #0109

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

- External UR/Pro Color Filter
- Silicone Lubricant



COLOR FILTER

The installation and usage of the external UR/Pro color filter is described in the general instruction manual.

INTERNAL WIDE-ANGLE LENS OPTION

Special ports are available for use with the Raynox DCR-730 Pro high definition wide-angle lens. A 58-52mm step-down ring is required for the attachment of the HDR-730 lens. Optional ports sold separately as dome port #9306 or flat lens port #9306.1. Will need to order 6441.46 or 6144.86 color filter for optional ports. Raynox DCR-730 Pro lens not included. Lens and step-down ring **not** available for purchase through Ikelite.

SUPER-EYE VIEWFINDER

See exactly what the camera sees underwater using the camera's electronic viewfinder in conjunction with the Ikelite Super-Eye, which is permanently mounted in the eyeport on the clear back plate. The Super-Eye extends the viewfinder image to provide enhanced viewing underwater. The HFS-21 camera viewfinder will power on while the LCD is being used.

BATTERY

Install a fully charged Canon battery on the camera:

- BP-809
- BP-827
- BP-819

Other brand batteries may not fit inside the housing. If the battery selected overhangs the camera tray, then the battery is too large and will cause the housing to leak.

INSTALLATION

LCD MONITOR / EXTERNAL MIRROR

The camera's LCD monitor can be viewed from the rear of the housing, using the external mirror featured on the side of the housing.

Open the LCD monitor on the camera, rotate 180°, and then press it back against the side of the camera. The external mirror is hinged so that it can be opened to reflect the image from the camera's LCD monitor for viewing from the rear of the housing. The LCD image will appear reversed, left to right.

During transportation, please remember to close the mirror by pressing it against the side of the housing or lid snap.

WEIGHT OPTIONS

If additional weight is needed the following bases can be ordered.

#9360.1 - 5 oz. weight

#9360.2 - 1 lb. weight

FINAL PREPARATION

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

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. The full zoom range is accessible underwater.

Chart shows recommended initial settings underwater.

CAMERA	SETTING
Power On/Off	- Camera (On)
Zoom Lever	- Wide Angle Setting
Focus	- Auto Mode

WHITE BALANCE

Initially set the white balance to Auto. Use the touch screen controls on the housing to change white balance.

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

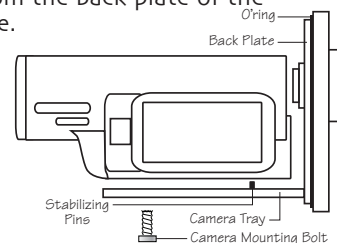
Video-Lite: When using optional Video Lite at NIGHT, set the camera white balance to the Indoor position. During the DAY, use the Outdoor setting for subjects beyond 4-5 feet and the Indoor setting for closer subjects.

INSTALLATION continued

CAMERA TRAY

The camera mounts to the tray, which extends from the back plate of the housing. **DO NOT** remove the tray from the back plate.

Position the camera against the two stabilizing pins on the tray and secure with the camera mounting bolt. The camera should fit easily on the tray and should be parallel with the sides of the tray.



INSERTING THE CAMERA

Check that the clean o-ring is properly positioned on the lip of the clear back plate. Place the lid snaps in the open position.

Once the camera is mounted to the tray, pull the housing controls out to provide clearance for the camera. Align the back plate with the clear housing and slowly place the back plate against 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. The front should be flat against the housing and **NOT** tilted on one side.

HOUSING CONTROLS

Slide the housing controls back in place making sure they properly align with the camera functions. Fasten the opposite lid snaps at the same time--**DO NOT** fasten one at a time.

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.

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.

MANUAL FOCUS OPERATION

Manual focus may be preferred in low light levels or when the subject possesses little contrast. Set the focus pad on the LCD screen to Manual to cancel the auto focus. If you want to manually adjust the focus, rotate the manual focus control as desired.

To reactivate the auto focus, set the focus pad on the LCD screen to Auto.

IKELITE UNDERWATER SYSTEMS

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