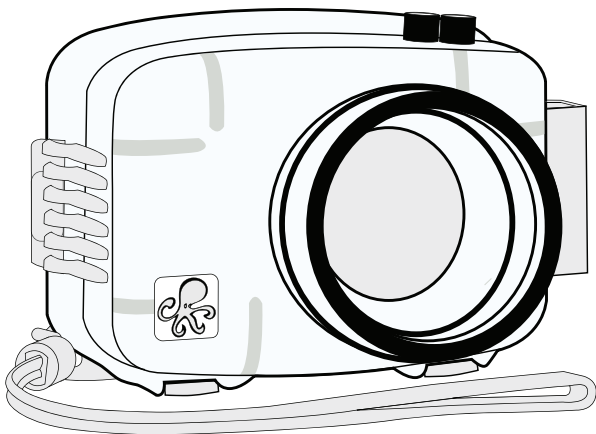




Digital Housing

Supplemental Instructions








6242.20 Canon S200 ULTRAccompact



Size and Weight

Width	6.2 in. (157mm) including controls
Height	4.4 in. (112mm) including controls
Depth	4.4 in. (112mm) including controls & lens port
Weight	1.4 lb (635g)
Buoyancy	Neutrally buoyant underwater

Initial Camera Setup (before placing camera in housing)

- Set camera mode switch to “Av” Aperture Priority.
- **In  MENU:**
 - Set AF Frame to “Flexizone” and Digital Zoom to “Off.”
 - Set  and AF-Point Zoom to “Off” and Servo AF to “On.”
 - Set Continuous AF to “On” and AF-assist Beam to “Off.”
 - In the **Flash Settings** menu, set the Flash Mode to “Auto.”
 - Set Shutter Sync to “1st-curtain.”
 - Set Red-Eye Correction and Red-Eye Lamp to “Off.”
 - Set Safety FE to “On.”
 - Set i-contrast to “Auto.”
 - Set Spot AE Point to “AF Point” and Safety Shift to “On.”
 - In Review image after shooting, set Display Time to “8 seconds.”
 - Set Blink Detection to “On” and IS Mode to “Continuous.”
 - Set Control Ring Func. to “STD” Default Control Av.
- **In  MENU:**
 - Set Date/Time and Time Zone. Set Lens Retract to “1 min”.
 - Set ECO Mode to “Off.”
 - In Power Saving, set Auto Power Down “Off” and Display Off to “3 min.”
 - Insert and Format an SDHC Memory Card.
- **In FUNC./SET:**
 - Set Metering to  “Center Weighted Avg.”
 - Set White Balance to “AWB.” For best results, use Manual  White Balance and reset for each working depth. Set ISO to “200.”
 - Set Drive Mode to “Single Shot  ” and Aspect Ratio to “4:3.”
 - Set Recording Pixels to “L” and Compression to “Superfine.”
 - Set Movie Quality to “HD.”
- **RAISE FLASH** and set to forced ON (flash always fires) “.” Flash CANNOT be raised once camera is closed in housing.
- * **Camera functions not mentioned should be set to the user’s preference.**

Setup Notes

Set  Macro Mode to “On” when shooting very close subjects.

The camera does NOT operate with “automated” flash when in the “M” manual mode. “M” manual mode should NOT be used with the AF35 strobe.

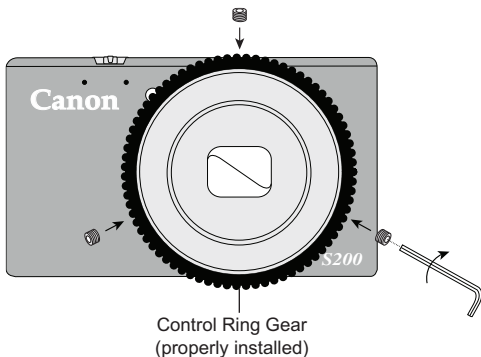
Certain camera functions can be assigned to the Control Ring through the camera MENU. Refer to your camera owners manual for additional information.

To use the camera in Manual mode, rotate the Mode Dial to “Tv” and set the shutter speed to 1/60th second or 1/125th second for fast moving subjects. Then, rotate the Mode Dial to “M” Manual Mode. Set the Control Ring to “STD” and adjust aperture setting as needed.

Attaching the Control Ring Gear (see illustration below)

The supplied Control Ring Gear is attached to the camera control ring by 3 small nylon hex head Set Screws.

Place the Control Ring Gear over the camera's control ring before installing the camera in the housing. The gear is a “press fit” over the lens and goes on either way. Gently tighten all three hex head screws equally with the supplied hex



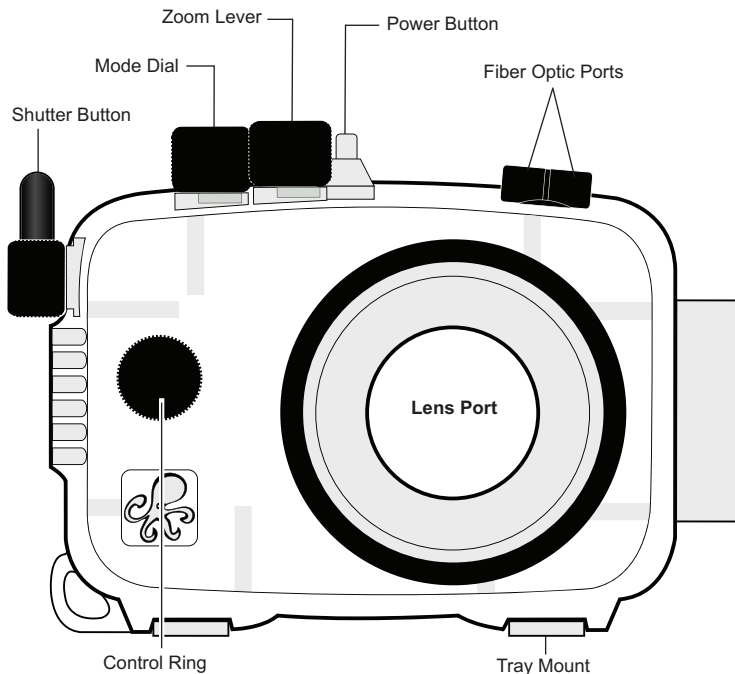
head wrench as show in the Diagram. **Do not** overtighten or you will damage the gear. Make sure to test it's function once installed.

Attaching the Control Ring Gear (continued)

When installing the camera in the housing, make sure that the Control Ring Gear meshes properly with the small black housing gear.

When removing the Gear, leave the Set Screws in the Gear. The Set Screws are very small and easy to lose. Extra Set Screws are included with your housing. We recommend that you leave the gear installed as it makes rotating the camera control ring easier when out of the housing.

Parts of the Housing - Front View



Parts of the Housing - Back View

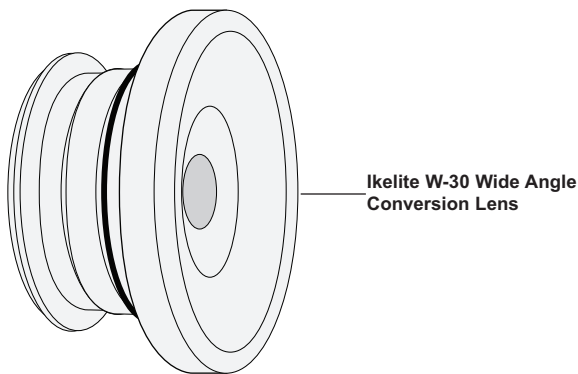


- | | |
|--|--------------------------------|
| 1. AF Frame / Single Erase | 6. Flash Right / Button |
| 2. Movie Button | 7. DISP. Display / Down |
| 3. Exp. Comp./Up | 8. Playback Button |
| 4. Macro / MF Manual Focus / Left | 9. MENU Button |
| 5. FUNC. / SET Button | |

Wide Angle, Macro, and Filters

The housing port is designed to accept 3.0-inch diameter color filters and wide angle or macro options with 67mm threads. Ikelite offers the 6430 W-30 external wide angle conversion lens to increase your angle of coverage. This allows you to get closer to the subject while still fitting everything in the frame.

Vignetting will occur at widest angle camera lens setting with Wide Angle Conversion lenses. Zoom in slightly to eliminate, or crop the image in post processing.



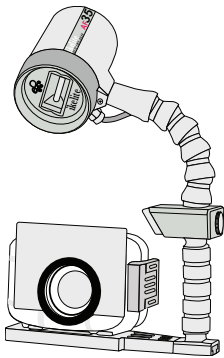
**Ikelite W-30 Wide Angle
Conversion Lens**

NOTE: Bayonet mount lenses cannot be used with this housing.

AF35 Strobe Package 4035

Ikelite strobes are much more powerful, recycle more quickly, and eliminate more backscatter than the camera's built-in flash. The AutoFlash AF35 (pictured at right) is an easy and affordable way to add a strobe to your system. The AF35 is effective up to approximately 5 feet (1.5m) from the subject and restores the colors that are otherwise lost.

The AF35 is a great compliment, and an effortless, affordable way to add a flash to your new Ikelite point and shoot camera system. Everything you need to get started is in the box. Just attach it to the bottom of your housing and start taking pictures!



AF35 AutoFlash kit includes:

- AF35 strobe
- Flex arm
- AutoFlash sensor
- Handle with rubber grip
- Tray (single or dual)
- Mounting hardware

A full range of accessories is available to support your housing. Please visit **www.ikelite.com** to see the most current information about recommended accessories for your housing.



**Ikelite Underwater Systems
50 West 33rd Street
Indianapolis, IN 46208 USA**

www.ikelite.com