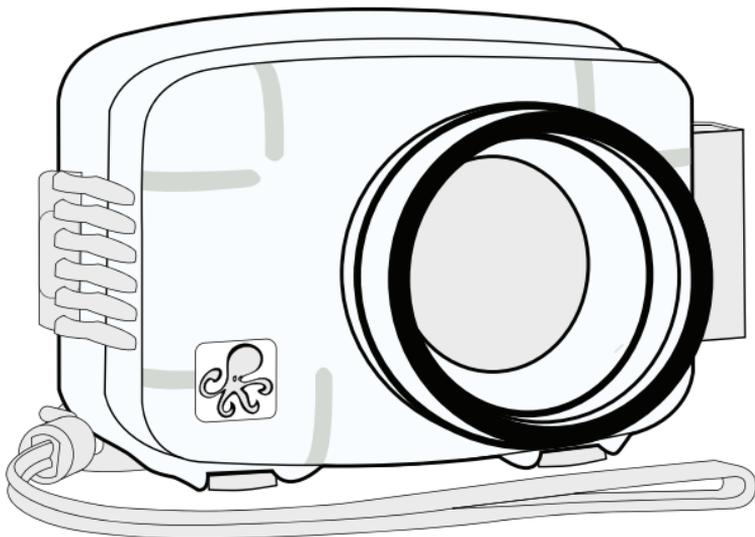




# Digital Housing

## Supplemental Instructions

### 6242.10 Canon S100 ULTRACompact



### Size and Weight

Width .....	6.1 in. (155mm) including controls
Height .....	4.5 in. (114mm) including controls
Depth .....	4.4 in. (112mm) including controls & lens port
Weight .....	1.4 lb (635g)
Buoyancy .....	Neutrally buoyant underwater

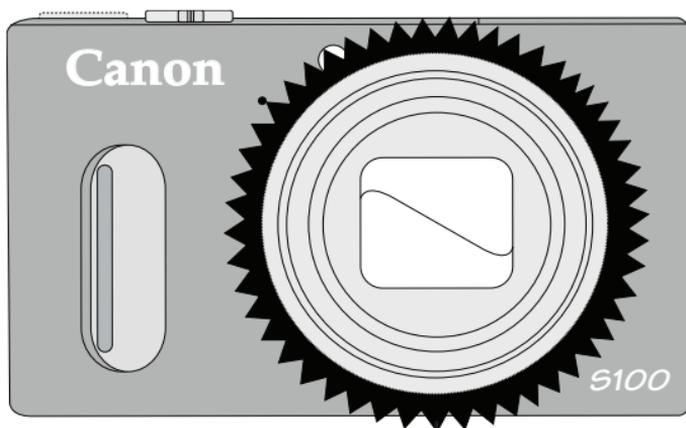
## Initial Camera Setup

- Set camera mode switch to “Av” Aperture Priority.
  - Set White Balance to auto “AWB.”
  - Set Light Metering to “Center-Weighted Avg.”
  - Set ISO to 80.
  - Set Flash to forced ON (flash always fires) “.
  - Set Digital Zoom to “Off.”
  - Set AF Frame size to “Normal.”
  - Set Review to “5 Seconds.”
  - Set AF-assist Beam to “Off.”
  - Set Servo AF to “Off.”
  - Set Spot AE Point to “Center.”
  - In the Flash Settings menu, set the Flash Mode to “Auto.”
  - Set Shutter Sync to “1st-curtain.”
  - Set Ring Function to “STD” Default Control Av.
  - Set Red-Eye Correction and Red-Eye Lamp to “Off.”
  - Set AF Frame to “Center.”
  - Set AF-Point Zoom to “Off.”
- 
- Camera functions can be assigned to the Control Ring by pressing the Ring Function button. Depress the Ring Function button until the desired function is highlighted in the camera LCD screen. Once the function is highlighted, it can be adjusted using the Control Ring. Refer to your camera owner’s manual for additional information.
  - The camera does NOT operate with TTL “automated” flash when in the “M” manual mode. “M” manual mode should NOT be used with the AF35 strobe.
  - To use the camera in Manual mode, rotate the Mode Dial to “Tv” and set the shutter speed. Then, rotate the Mode Dial to “M” Manual Mode. Press the Ring Function repeatedly until it is set to “STD.” Then, use the Control Ring to adjust Aperture setting as needed.

## Attaching Control Ring Gear (see illustration below)

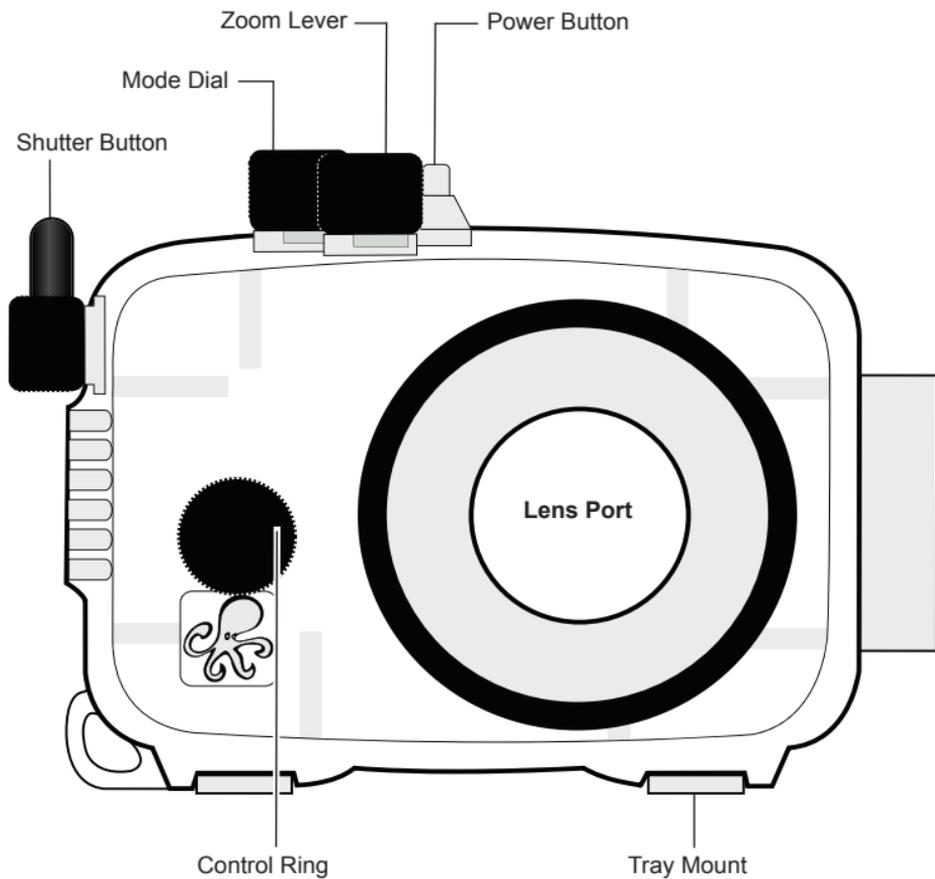
Press the supplied Control Ring Gear over the camera's Control Ring before installing the camera in housing. The gear is a "press fit" and goes on either way. Make sure to test it's function once installed. When installing the camera in housing, make sure that the Control Ring Gear meshes properly with the housing gear.

Note that the Gear fits "tightly" over the Control Ring. Use caution when removing the gear. We recommend that you leave the gear installed as it makes rotating the Control Ring easier when out of the housing.

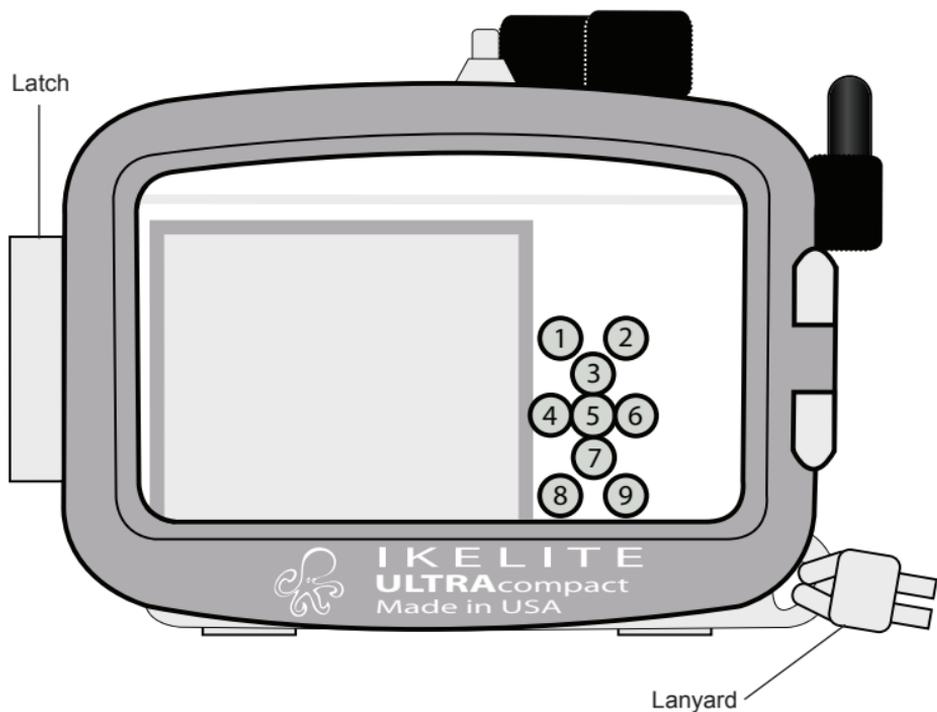


Control Ring Gear (properly installed)

## Parts of the Housing - Front View



## Parts of the Housing - Back View



1. Ring Function Selector
2. Movie Button
3. Exposure Comp. , 
4. Macro , MF, 
5. FUNC./SET Button 

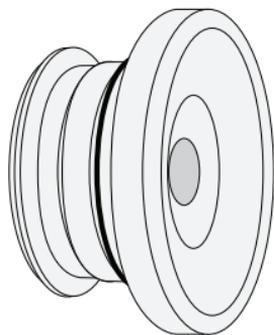
6. Flash Button , 
7. Display 
8. Playback Button 
9. MENU Button

## External Accessory Lenses

### Ikelite W-20 Wide-Angle Conversion Lens #6420

The front of the lens port accepts the #6420 W-20 and other 67mm threaded wide angle or macro lenses without the need for an adapter. An external wide angle conversion lens increases angle of coverage so you can get closer to the subject while still fitting everything in the frame.

Vignetting will occur at widest angle camera lens setting with these lenses. Zoom in to 33mm equivalent to eliminate, or crop the image in post processing.



Ikelite W-20 Conversion Lens

**NOTE:** Accessory 67mm macro lenses or diopters designed for underwater use may also be attached directly to the front of the housing port. Bayonet mount lenses cannot be used with this housing.

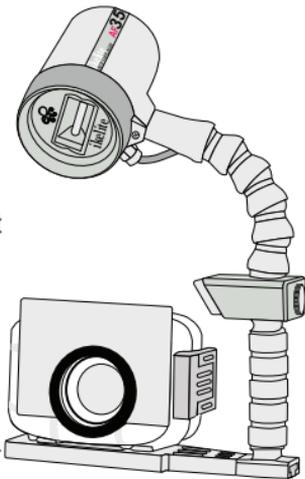
## AF35 Strobe Package #4035

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 [http://www.ikelite.com/web\\_two/can\\_s100.html](http://www.ikelite.com/web_two/can_s100.html) to see the most current information about recommended accessories for your housing.



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