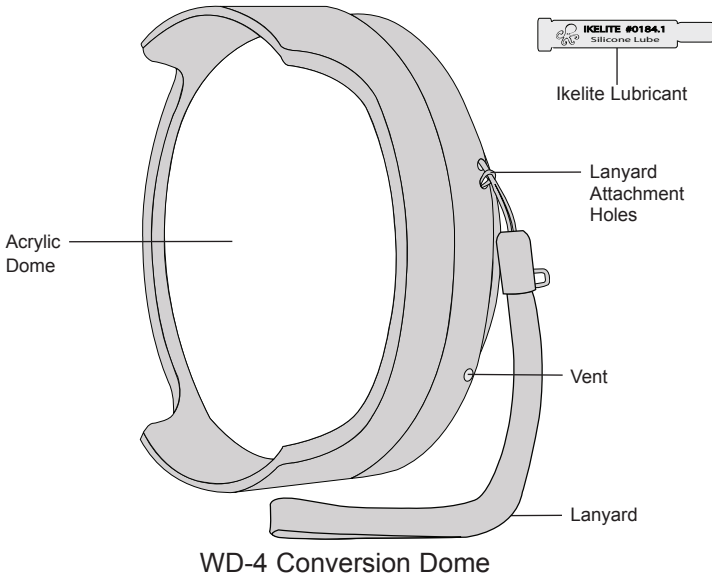




## 6430.4 WD-4 Wide Angle Conversion Dome

### Installation Instructions



WD-4 Conversion Dome

Thank you for your purchase of Ikelite equipment. Please read this instruction manual completely before attempting to operate or dive with this product.

### Usage - continued

To be effective, water must fill the area between the front of the housing port and the back of the WD-4. When first entering the water, check for and remove any air bubbles that cling to either the WD-4 or the housing port. It is extremely important that no air bubbles are trapped. The camera may focus on any trapped bubbles resulting in an out of focus image. When in use, we recommend attaching the included lanyard to the housing's tray and handle.

The WD-4 Dome creates an apparent image at a different location than your subject. The camera is able to focus on this apparent image through approximately 3/4 of its zoom range. You must remove the WD-4 from the housing port to use the camera in full telephoto zoom mode. The WD-4 can be used with the camera in either standard focus or macro focus modes. Use the smallest aperture value possible (highest numerically) for the sharpest overall image.

### Maintenance

The WD-4 Dome is made of optical grade acrylic. Special care should always be taken when handling. Immediately after use, rinse with fresh clean water and gently dry all elements to avoid water spotting. Minor scratches may fill with water and often do not affect the picture quality unless shooting directly into sunlight. Light scratches can often be removed using Novus™ brand plastic polish (available through Ikelite). The WD-4 is factory sealed. Do not attempt to disassemble the dome.

### Replacement Parts

- 0136.45 O-ring WD-4 to Housing
- 0200.1 Neoprene Dome Cover
- 5020 Silicone Lubricant in 4 1cc Tubes
- 0321.02 Lanyard
- 0321.03 Lanyard Cord Lock

### General Information

The WD-4 simply slides over the 3.9" standard port of the Ikelite housing. No modification to or replacement of the housing's original port is necessary. The WD-4 can be removed and replaced underwater so there is no limit to the camera's zoom or macro capabilities. Approximately 3/4 of the camera's zoom range can be used with the dome in place. The conversion dome corrects for the refractive magnification of the flat port underwater to restore the camera's original angle of coverage. For example, the WD-4 and Canon G10 combination provide 28mm angle of coverage with incredibly crisp corners underwater.

### Specifications

Dimensions .....5.0 in. dia x 2.25 in. length, 127mm dia x 57mm length  
 Weight in Air.....1 lb (453g)  
 Buoyancy .....2.6 oz negative in freshwater  
 Depth Rating .....200 feet (60m)

### Usage

The WD-4 secures over the front of the housing lens port. You will see an o-ring around the inside diameter at the back of the dome. Apply a thin coating of the supplied lubricant to get the o-ring "slick" all the way around. This will help when installing and removing the dome from the housing port.

To install, push the WD-4 over the front of the port while facing the front of the housing. Make sure that the protruding dome shades are on top and bottom and the shorter curved cutouts are on the sides. If necessary, rotate clockwise and align the WD-4 as needed. This process is easier to do underwater, which is recommended.

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### Limited Warranty

This Ikelite product is warranted against any manufacturing defects for a period of one year from the original date of purchase. Defective products should be returned prepaid to Ikelite. Ikelite will, at its discretion, repair or replace such products, and will return to customer prepaid. All other claims of any nature are not covered. Except as mentioned above, no other warranty expressed or implied, applies to this Ikelite product.

### Returning Products for Service

Ikelite is most interested in performing any service to ensure that all products perform as intended. Evidence of purchase date must be provided to obtain warranty service.

No prior authorization is required. You may return directly to Ikelite or through your dealer. Please include a brief description of the problem, any relevant e-mail correspondence, and/or instructions on requested service. Always include name, shipping address, email address, and phone number inside of the package.

You may also want to insure the package.

Send Postage Prepaid to:

Ikelite Underwater Systems  
Attention: Service Department  
50 West 33 Street  
Indianapolis, IN 46208 USA

No reimbursements for return freight will be issued.



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