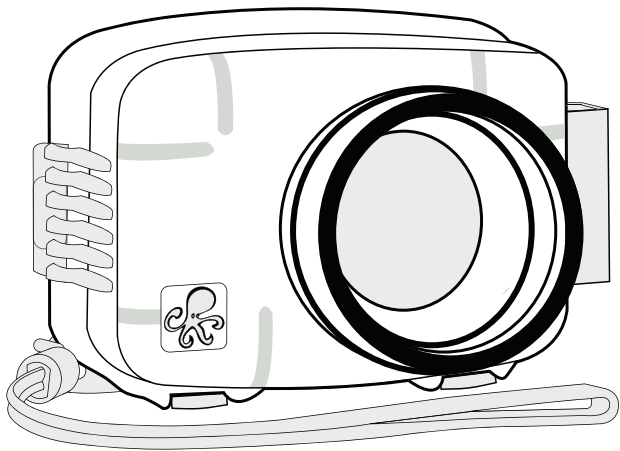# ikelite
usa

Digital Housing
Supplemental Instructions
6243.13 Canon ELPH 130 IS, IXUS 140, IXY 110F
6243.15 Canon ELPH 115 IS, IXUS 132, IXY 90F

Thank you for your purchase of Ikelite equipment. Please read the "Instruction Manual" and "Supplemental Instructions" completely before attempting to operate or dive with this product.
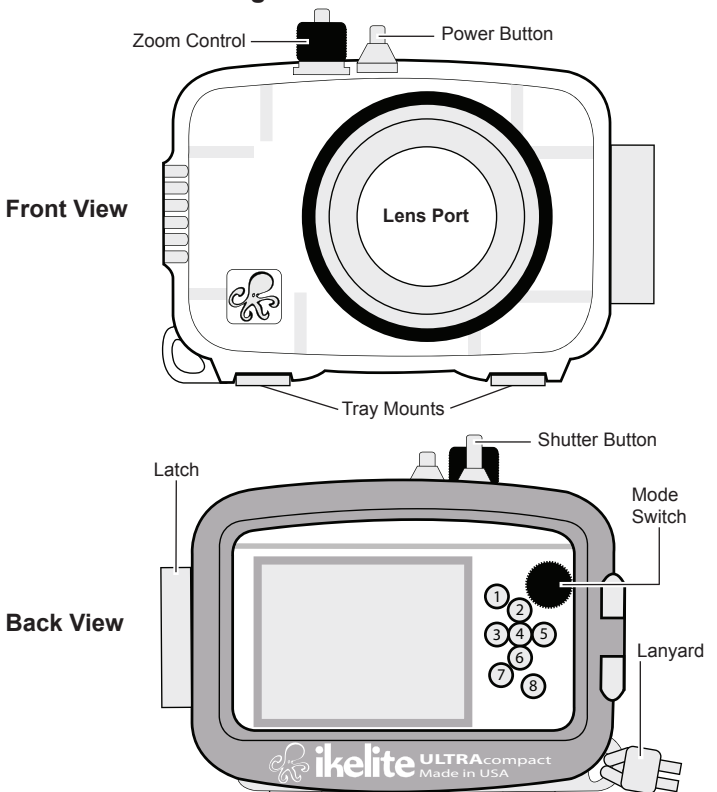
Supplied Accessories

- 0200 Vinyl Port Cover
- 0321.10 Safety Lanyard
- Flash Diffuser
- Flash Deflector
- 0184.1 Silicone Lubricant
- 0920.3 Control tips (3)
- 0920.1 Control Tip
- 5 Small Control Sleeves

Housing Specifications

Controls	All camera functions
Width	5.9in (150mm) including controls
Height	4.6in (117mm) including controls
Depth	4.1in (104mm) including controls
Weight	1.2lb (544g)
Buoyancy	Slightly positive in freshwater
Depth Rating	200ft (60m)
Built-in Flash	Yes
Strobe Connection	Slave
Tray Mounting	12-24 thread with 3in spacing (76mm)
Main O-Ring	0132.45
Port O-Ring	0134.33
Port Outer Diameter	3.0" (76mm)
Use 46mm Lenses	No
Use 67mm Lenses	Yes
Use Bayonet Lenses	No

Parts of the Housing

Zoom Control — Power Button

Front View

Lens Port

Tray Mounts

Shutter Button

Mode Switch

Latch

Back View

Lanyard

1. ● ►🎥 Movie Button
2. 🔲▲ Exp. Comp. / Up Button
3. 🌸◄ Macro / Left Button
4. FUNC./SET Button
5. ⚡► Flash / Right Button
6. ▼ DISP. / Down Button
7. ► Playback Button
8. **MENU** Button

Initial Camera Settings (before placing camera in housing)

- Insert fully charged battery.
- Insert and format a SD or SDHC memory card.
- Move Mode Switch to ⬛ setting for "P" Program Mode.
- **In MENU ⬛ (Change shooting settings):**
  Set AF Frame to "Center" and AF Frame Size to "Normal."
  Set Digital Zoom to "Off."
  Set AF Point Zoom to "Off" and Servo AF to "Off."
  Set Continuous AF to "Off" and AF-assist Beam to "Off." A strobe
  focusing light is recommended to assist AF underwater.
  In Flash Settings, set Red-Eye Corr. and Red-Eye Lamp to "Off."
  Set i-Contrast to "Off."
  Set Review image after shooting to "8 Seconds and Display Info to "Off."
  Set Blink Detection and Grid Lines to "Off"
  Set IS Mode to "Continuous."
- **In MENU 🔧 (Change camera settings)**:
  Set Date and Time.
  Set Lens Retract to "1 min" and Eco Mode to "Off."
  Power Saving: Set Auto Power Down to "Off" and Display Off to "3 min."
- **In FUNC./SET Menu:**
  Set Rec. Mode to "P" Program.
- Set Drive Mode to "Single Shot."
  Set Resolution to "L" 16M and Compression to "Fine."
  Set Movie Quality to "1280."
  Set Light Metering to "Center Weighted Avg."
  Set White Balance to auto "AWB." If more accurate colors are desired,
  we recommend setting manual white balance underwater using a white
  slate or white sandy bottom. Manual white balance should be reset for
  each working depth due to color absorption caused by the water. When
  adding a UR-Pro color filter, reset manual white balance.
  Set ISO to "200."
- Set Flash to "On ⚡ Flash always fires."

4

Initial Camera Settings (continued)

- Enable Macro 🌷 mode when shooting close-up subjects. If overexposure occurs, back away from the subject and zoom in slightly. If overexposure continues, use "-" exposure compensation.

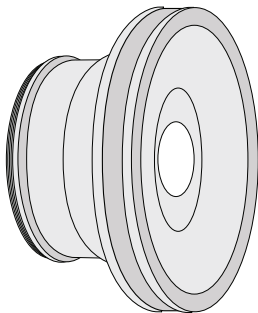## External Accessory Lenses

W-20 and W-30 Wide-Angle Conversion Lenses

The front of the lens port accepts the Ikelite 6420 W-20, 6430 W-30, 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.

Moderate vignetting will occur at widest angle camera lens setting with these lenses. Zoom in to eliminate, or crop the image in post processing.

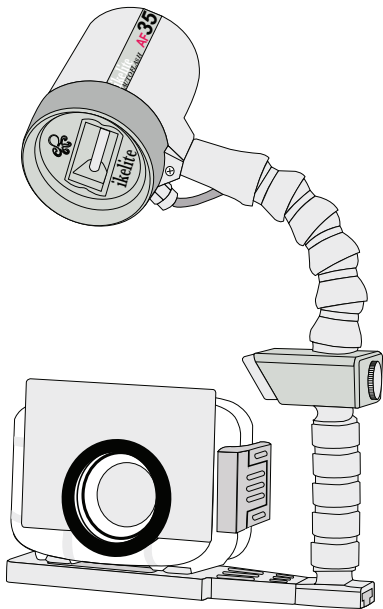Bayonet mount lenses cannot be used with this housing.

Ikelite 6430 W-30 Conversion Lens

Please visit **www.ikelite.com** for additional information.

AF35 Strobe Package 4035

The AutoFlash AF35 kit 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!

The AF35 Strobe Package is available to support your housing along with a full range of accessories. Please visit **www.ikelite.com** to see the most current information about recommended accessories for your housing.

Customer Support

Please read the troubleshooting section of the "Instruction Manual" before contacting Ikelite.

Limited Warranty

This Ikelite product is warranted against any manufacturing defects for a period of one (1) year from the original date of purchase. Defective products should be returned to Ikelite postage paid. Ikelite will, at its sole discretion, repair or replace such products, and will return to customer postage paid. All other claims of any nature are not covered. Except as mentioned above, no other warranty expressed or implied applies to this Ikelite product.

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