

# Fantasea SharpEye Macro Lens M46

## Instruction Manual

The **SharpEye Lens M46** is perfect for shooting close-up images of fish, corals, texture and more. It magnifies the subject and enables the camera to focus on small, nearby objects, creating unique and sharp images.

The **SharpEye Lens M46** is a “wet” lens that fits onto the housing’s lens port and can be installed and removed during the course of the dive.

### Specifications

- Lens construction: Single Aspherical element
- Designed especially for underwater photography
- Focal length: 333mm (Underwater)
- Mounting: 55mm Thread Mount
- Includes 55mm to 46mm Step-up Ring
- Lens Coating: Hard Coating
- Barrel Material: Anodized Aluminum (black color)
- Weight: 26gr
- Dimensions: 60mm (diameter) x 10mm (thickness)



### Compatibility

The **SharpEye Lens M46** can be mounted directly on top of all Fantasea new generation compact digital housings and almost all Olympus housings lens ports. It is also compatible with any other housing with a 46 or 55mm threaded lens port.

Other housings might require an adaptor for attaching the **SharpEye Lens M46** on their lens port:

- Additional Adaptor (#4095) required for CP-5 and CP-7 housings
- Additional Adaptor (#4096) required for CP-3, CP-3N, CP-4, CP-6, FL-3, FL-4, FL-6, FP-1 and FP-4 housings
- Additional Adaptor (#4089) required for FS-5, FS-6, FS-9 and FS-51 housings

### Instructions

1. Please use the utmost care and do not use excessive force when assembling and disassembling the different lens accessories, in order not cause any damage to the products.
2. If an adaptor ring is required in order to attach the macro lens to your housing’s lens port (see *Compatibility* above), attach the adaptor to the macro lens.
3. During the dive, install the macro lens by screwing it on to your housing’s lens port.
4. **Please note that the SharpEye Lens M46 was designed to work underwater only.** Therefore, the lens should only be installed underwater, while letting water enter the gap between the macro lens and the housing’s lens port. Make sure that there are no air bubbles trapped between the accessory lens and the housing’s lens port.
5. When taking photos with the macro lens installed, set your camera’s focus mode to “Macro”.
6. The lens can be removed and installed repeatedly throughout the course of the dive.
7. When removing the **SharpEye Lens M46** from the housing’s lens port, it can be secured by attaching it to the **EyeGrabber F46**, which mounts on any standard Flex or Ball & Joint Arm. For further information, please visit our website at [www.fantasea.com](http://www.fantasea.com).
8. After the dive, detach the macro lens from the housing’s lens port and all adaptors and rinse all lens components in fresh water.
9. Dry and store in a safe protected place.

For further information please contact us at <http://www.fantasea.com/contact> or visit our website at [www.fantasea.com](http://www.fantasea.com).