

SWP44C Super Wide Angle Port

Precision 120° FOV with Full Zoom Capability

"HD brings into sharp relief the need for precision optics. Anything less is a useless endeavor." – Howard Hall

The SWP44C Super Wide Port is the most distinguished member of the Precision line of premium underwater optics from Gates. Another 'no compromises' lens, it enables the clearest, sharpest, distortion-free underwater imaging possible – a necessary requisite for any High Definition venture.

Performance – with an astounding 120° maximum angular field of view this port will provide complete rectilinear imaging of Humpbacks from mere feet away. Yet the SWP44 includes *full zoom through capability* for crystal clear tight shots as well as macro critters -- and everything in between. Unlike other optics that require diopters, or work only at zoom extremes, the SWP44C is designed for distortion free images throughout the entire zoom range.

Gates Precision – is a mark of optical excellence. It means high resolution underwater optics free of distortions, reflections, vignetting or other 'image killers'.

HD Essential – High Definition is unforgiving and requires optics that are sharp and clear from edge to edge. 'No Compromises' HD can only be achieved with a Precision port and housing from Gates.

No Compromises – It's true: *The best camera in the world cannot compensate for poor optics.* That's why the SWP44 means no compromises to image quality.



Don't Take a Chance....Take a Gates!

Gates Underwater Products, Inc

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Key Features

- **Performance** – Up to 120° wide FOV with full zoom through capability for macro subjects.
- **HD tested and qualified** – for the finest HD images possible.
- **Distortion-free** – for clear, sharp images from corner to corner.
- **Reflection-free** – no image-destroying flare or reflections.
- **Vignette-free** – means no cutoff dark corners to ruin an image.
- **Use in Air and Water** – and for air/water split shots.
- **High grade optical glass elements** – for sharp, crystal clear high resolution images.
- **SiO2 AR Coating**– is durable and efficient for max light transmission.
- **Nitrogen purged/vacuum sealed optics** – means no dust or condensation inside.

Compatibility / Performance

The SWP44C is compatible with the following Gates Housings:

	EX1	HVX200A
Angular FOV, Typ / Max	98° / 119°	99° / 120°
Min Object Distance, Full Wide	0 in / mm	0 in / mm
Min Object Distance, Full Optical Zoom	22in / 550mm	9in / 232mm
Image Size @ Full Optical Zoom (Width x Height)	120 x 67 mm 4.7 x 2.6 in	59 x 33 mm 2.32 x 1.31 in
Distortion @ Full Wide measured @ image corners	2.2%	3.0%

* Performance specs are for in-water use

Specifications

*** Weight**

- * Air: 9.9 lbs / 4.5 kg (including port covers)
- * Water: -3.1 lbs / -1.4 kg

*** Construction**

- * Shell: 6061-T6 Aluminum, Type III Anodize
- * Elements: Optical Grade AR Coated Glass

*** Depth Rating**

- * 450 feet / 137 meters

*** Warranty**

- * 1 year limited

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