

WP25 Wide Angle Port

Fathom "Signature" 80° Wide Angle Port



The WP25 is a *high resolution* underwater lens, a member of Gates premium line of ports. Available only from Gates, the WP25 is a result of the partnership with Fathom Imaging to bring distortion-free imaging to Gates PC/MC series and TRV950/PDX10 housings. This port is backward compatible with many out-of-production Gates housings so current users can upgrade to one of the finest ports available for underwater imaging.

High Resolution Images – that are sharp and clear from edge to edge can only be achieved with a Fathom port and Gates housing. *The best camera in the world can't compensate for poor optics*, so get the maximum resolution underwater with the WP25.

Fathom Imaging "Signature" – The WP25 is borne of Fathom Imaging expertise, designers of high accuracy optics for applications including precision laser, super high resolution digital imaging, and HDTV underwater video. The Fathom signature guarantees *high resolution optics free of distortion, flare, vignetting and black spot reflections*. Fathom ports are constructed entirely of *high grade optical glass* elements and coated with a proprietary *High Efficiency Broad Band Anti-Reflective (HEBBAR) coating* for maximum light transmission. All Fathom ports are then *nitrogen purged/vacuum sealed* in a dust-free environment, ensuring no foreign matter or condensation to spoil your image.

Gates Reliability – As always, Gates reliability and "bulletproof" durability is built into the Super Wide Angle Port. Gates products perform 24 hours a day, 365 days a year, and are backed by a 2 year warranty.

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

Gates Underwater Products, Inc

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Home of the Worlds Most Reliable Underwater Housings

Key Features

- **Distortion-free** – no imaging-destroying flare or reflections, either.
- **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 hi resolution images.
- **Proprietary HEBBAR** – anti-reflective coating for max light transmission.
- **Nitrogen purged/vacuum sealed optics** – means no dust or condensation inside.
- **2-year warranty** – consistent with all Gates products.

Compatibility

The WP25 is compatible with the following Gates housings:

- All PC series
- All MC series
- TRV950 / TRV900
- PDX10 / PD100
- All Gates out-of-production housings with 2.5in / 63.5 mm diameter port opening

Specifications

Typical specifications for Gates 2.5 in / 63.5 mm port opening housing

* **Typical Angular Field Of View (FOV)**

- * 90° in air
- * 80° in water

* **Typical Distortion**

- * Less than 3.0% in air
- * Less than 1.8% in water

* **Minimum Focus Distance (MOD)**

- * @ *Wide Angle*
- * 0 mm / 0 in from lens vertex in air and water

* **Weight**

- * Dry: 1.25 lbs / 0.57 kg
- * In Water: Neutral

* @ *Full Zoom (Optical)*

- * Not Applicable

* **Construction**

- * Shell: 6061-T6 Aluminum, Type III Anodize
- * Elements: BK-7 Optical Grade Coated Glass

* **Warranty**

- * 2 Years

* **Depth Rating**

- * 450 feet / 137 meters

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