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Find the *Newport / New Focus 9884* at our website: *Click HERE*

New Focus Corner Mirror Mounts

Corner Mirror Mounts hold the mirror in a unique location near the edge of the frame. In this location, not only is there a clearer beam path but also gimbal movement is possible.

- Gimbal movement with axial translation and kinematic stability
- Position optics in tight locations
- Low-friction sapphire pads

See All Features

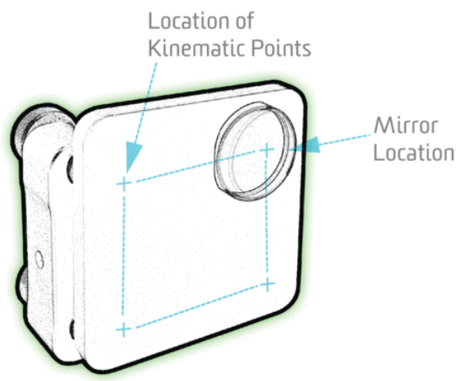


Compare	Model	Availability	Price
	**9808** Mirror Mount, Classic, Corner, 0.5 in., 3 Knobs	In Stock	$114
	**9809NF** Mirror Mount, Classic, Corner, 1.0 in., 3 Knobs	In Stock	$114
	**9852** Mirror Mount, Classic, Corner, 2.0 in., 3 Knobs	In Stock	$209
	**9883** Mirror Mount, Pint-Sized, Corner, 0.5 in., 3 Knobs	In Stock	$132
	**9884** Mirror Mount, Pint-Sized, Corner, 1.0 in., 3 Knobs	In Stock	$136

Features

Gimbal or Kinematic Movement

With a corner mount, the center of the mirror is intentionally located at the xy intersection of the pitch and yaw adjusters, i.e., at the virtual fourth point of the square formed by the ball points of the three actuators. To achieve gimbal movement, two adjacent adjustment screws must be actuated the exact same distance. For gimbal pitch adjustment, the adjuster normally used for yaw adjustment must be actuated along with the corner adjuster the exact same distance. For gimbal yaw adjustment, the adjuster normally used for pitch adjustment must be actuated along with the corner adjuster the exact same distance. In this way, the mirror is being rotated about two virtual axes that intersect at the center of the optic, aka gimbal movement. Adjust one actuator at a time and the mount acts as a standard kinematic optical mount. Adjust all three actuators to translate the optic in Z-axis.





Sapphire Kinematic Pads

Sapphire kinematic pads create contact surfaces for the adjustment screws that have very low friction and will not will not dent under normal use. Sapphire ensures excellent adjustability and stability.

More Space Between Optic and Adjuster

Another benefit of the corner mount design is the additional space between the optic and the adjustment knobs. This allows for sharper beam splitting angles and easier access to the adjustment screws.



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