



Series 160 Mirror Mounts

Standard models are available for .50" and 1.00" diameter mirrors. The beam height of this series is 1.63" above the frame edge. **Tilt range is $\pm 5.5^\circ$ with $21 \mu\text{radian}$ per degree sensitivity.**

Featuring 2.00" moment arms, **Series 200 Mirror Mounts** have the same resolution as smaller mounts with more expensive 100-pitch adjusters. CVI's Series 200 features a wide range of optical pocket diameters, including 15mm, 0.75", and 30mm versions. Tilt range is $\pm 4.5^\circ$ with $17 \mu\text{rad}/^\circ$ sensitivity. **-3SC Models** add a focusing range of $\pm 4\text{mm}$.

Series 160 Mirror Mounts

Model	Description	Optic Size	0° CA	45° CA
160-05	Ø .50" Mirror Mount	12.7mm	10.6mm	7.5mm
160-05-3SC	Ø .50" Mirror Mount with 3 adjustment screws	12.7mm	10.6mm	7.5mm
160-10	Ø 1.00" Mirror Mount	25.4mm	23.4mm	16.3mm
160-10-3SC	Ø 1.00" Mirror Mount with 3 adjustment screws	25.4mm	23.4mm	16.3mm

Add 'M' for metric model and add '-LK' for locking adjustment screws

See the CVI Optical Mounts catalog for dimension drawings.

Series 200 Mirror Mounts

Model	Description	Optic Size	0° CA	45° CA
200-05	Ø .50" Mirror Mount	12.7mm	10.6mm	7.5mm
200-05-3SC	Ø .50" Mirror Mount with 3 adjustment screws	12.7mm	10.6mm	7.5mm
200-06	Ø 15mm Mirror Mount	15.0mm	13.0mm	9.1mm
200-06-3SC	Ø 15mm Mirror Mount with 3 adjustment screws	15.0mm	13.0mm	9.1mm
200-08	Ø .75" Mirror Mount	19.1mm	17.0mm	11.9mm
200-08-3SC	Ø .75" Mirror Mount with 3 adjustment screws	19.1mm	17.0mm	11.9mm
200-10	Ø 1.00" Mirror Mount	25.4mm	23.4mm	16.3mm
200-10-3SC	Ø 1.00" Mirror Mount with 3 adjustment screws	25.4mm	23.4mm	16.3mm
200-12	Ø 30mm Mirror Mount	30.0mm	27.6mm	19.3mm
200-12-3SC	Ø 30mm Mirror Mount with 3 adjustment screws	30.0mm	27.6mm	19.3mm
200-15	Ø 1.50" Mirror Mount	38.1mm	34.3mm	24.0mm
200-15-3SC	Ø 1.50" Mirror Mount with 3 adjustment screws	38.1mm	34.3mm	24.0mm
200-20	Ø 2.00" Mirror Mount	50.8mm	46.7mm	32.7mm
200-20-3SC	Ø 2.00" Mirror Mount with 3 adjustment screws	50.8mm	46.7mm	32.7mm

Add 'M' for metric model and add '-LK' for locking adjustment screws

See the CVI Optical Mounts catalog for dimension drawings.

Series 260 Mirror Mounts

Series 310 Mirror Mounts

Series 260 Mirror Mounts are perfectly sized for demanding breadboard and instrumentation applications using larger optics. Three models hold mirrors from 1.50" to 3.00". Model **260-30** is the most compact, cost-effective precision 3.00" mirror mount available.

Rugged construction features a .75" thick support frame and hardened bearing points. The large 2.63" moment arms provide a **tilt range of $\pm 4.8^\circ$** and a **sensitivity of $13\mu\text{rad}/^\circ$** . The **-3SC** models permit translation and focusing of the mirrors over a range of **$\pm 5.5\text{mm}$ ($\pm .22"$)**.



Series 310 Mirror Mounts offer high stability and high resolution for 2.00", 3.00", and 4.00" optics.

Stability is provided by a .75" thick L-frame supporting a .44" thick movable plate. Hardened steel and lapped carbide bearing points and 80-pitch adjustment screws provide smooth, reproducible adjustments.

Sensitivity is **$11\mu\text{rad}/\text{degree}$** with tilt range **$\pm 4^\circ$** . **-3SC** versions permit focus adjustment of **$\pm 5.5\text{mm}$** .

Series 310 Mirror Mounts are easily customizable. Please call us with your requirements.

Series 260 Mirror Mounts

Model	Description	Optic Size	0° CA	45° CA
260-15	Ø 1.50" Mirror Mount	38.1mm	34.3mm	24.0mm
260-15-3SC	Ø 1.50" Mirror Mount with 3 adjustment screws	38.1mm	34.3mm	24.0mm
260-20	Ø 2.00" Mirror Mount	50.8mm	46.7mm	32.7mm
260-20-3SC	Ø 2.00" Mirror Mount with 3 adjustment screws	50.8mm	46.7mm	32.7mm
260-30	Ø 3.00" Mirror Mount	76.2mm	71.1mm	49.8mm
260-30-3SC	Ø 3.00" Mirror Mount with 3 adjustment screws	76.2mm	71.1mm	49.8mm

Add 'M' for metric model and add '-LK' for locking adjustment screws

See the CVI Optical Mounts catalog for dimension drawings.

Series 310 Mirror Mounts

Model	Description	Optic Size	0° CA	45° CA
310-20	Ø 2.00" Mirror Mount	50.8mm	46.7mm	32.7mm
310-20-3SC	Ø 2.00" Mirror Mount with 3 adjustment screws	50.8mm	46.7mm	32.7mm
310-30	Ø 3.00" Mirror Mount	76.2mm	71.1mm	49.8mm
310-30-3SC	Ø 3.00" Mirror Mount with 3 adjustment screws	76.2mm	71.1mm	49.8mm
310-40	Ø 4.00" Mirror Mount	101.6mm	96.5mm	67.5mm
310-40-3SC	Ø 4.00" Mirror Mount with 3 adjustment screws	101.6mm	96.5mm	67.5mm

Add 'M' for metric model and add '-LK' for locking adjustment screws

See the CVI Optical Mounts catalog for dimension drawings.