



Parameters

X-axis		
Travel range		± 15 mm
Mechanical resolution		$0.9 \mu\text{m}/^\circ$
Y-axis		
Travel range		± 10 mm
Mechanical resolution		$0.9 \mu\text{m}/^\circ$
Yaw (Θ_y)		$\pm 6^\circ$
Pitch (Θ_x)		$\pm 3^\circ$
Outer mounting diameter		$\varnothing 160$ mm
Optical aperture		$\varnothing 142$ mm
Off-plane height		204 mm



OMS 160 is an optical mount for non-standard optical lens with outer diameter of 160 mm featuring similar mechanical design as OMS 120. It has a 4-axis movement capability: 2 linear displacements (x, y directions) and 2 independent angular positioning. The system can be mounted on a standard optical rail or table. The mount is fabricated from aluminium and murytal.

