



**Parameters**

X-axis		
Travel range		±15 mm
Mechanical resolution		0.9 μm/°
Y-axis		
Travel range		±10 mm
Mechanical resolution		0.9 μm/°
Yaw ( $\Theta_y$ )		±6°
Pitch ( $\Theta_x$ )		±3°
Outer mounting diameter		∅160 mm
Optical aperture		∅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.

