

DR280

Argus Telescope

Designed to ensure optimal alignment of optical elements quickly and accurately, perfect for professional-level imaging and research applications.



System

Aperture	280mm (11")
Focal Length	770.6mm
Focal Ratio	2.75
Central Obstruction Diameter	<65%
Back Focus from Mounting Surface	163mm (6.4")
Back Focus from Racked in Focuser	108mm (4.25") from Focuser
Image Scale	3.76 micron per arcsec
Optimal Field of View	55mm Image Circle (>4 degrees)
Optical Design Performance	< 5 microns RMS across FOV
Weight	9kg (20lbs)
OTA Length	451mm (17.75")
Upper Cage	Carbon Fiber Tube

Primary Mirror

Optical Diameter	280mm (11")
Outer Diameter	300mm (11.8")
Shape	Paraboloid
Material	Fused Silica (Quartz)
Coating	Enhanced Aluminum 360-820nm optimized

Secondary Mirror

Diameter	170mm (6.7")
Material	Fused silica (Quartz)
Shape	Spherical
Coating	Enhanced Aluminum 360-820nm optimized

Lens Group

Diameter	120mm (4.72")
Coating	Broadband AR Coatings Less than 1% reflected from 400-800nm



2228 Cotner Ave, Los Angeles, CA 90064

observable.space

info@observable.space

