



## LIGHTWEIGHT AND COMPACT.

The H400 f2.4 astrograph is the ideal platform for widefield imaging and all-sky surveys. The H400 features a 5-inch corrector and motorized focusing with absolute encoders. The H400 ensures precise focus and high-resolution data acquisition of the night sky – in the shortest possible time! The H400 was selected as the instrument of choice for the Super Wasp II Exo-planet program, a consortium of universities and space agencies including: Geneva University, Leicester University, Queens University Belfast, the University of Warwick, the German Aerospace Center DLR, and the GOTO project.

## Main Facts

### Optical design

Hyperbolic

### Linear central obstruction

45%

### Focal length

960mm

### Focal ratio system

f2.4

### Clear Aperture / Focal Ratio Primary Mirror

400mm (15.7 inch) / f3

### Image field

70mm (4.2 degrees)

### Mirror material

Fused silica

### Surface quality

>94 strehl

### Microroughness

1nm RMS / <0.7nm Ra

### Coating

Al+SiO<sub>2</sub> >96 %

### Back Focus from flange

91.56mm

### Weight tube

57kg / 126lbs

