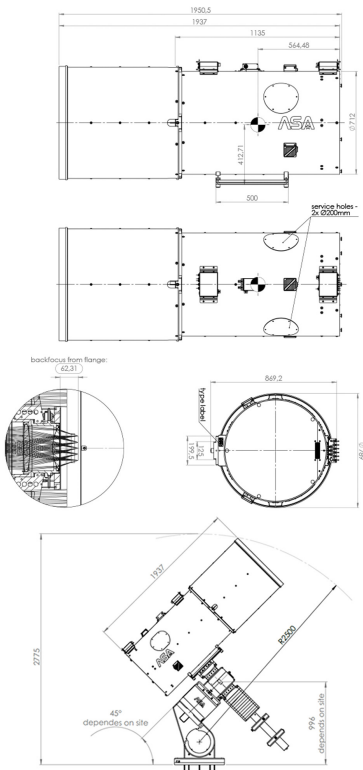


ASA UWF600 + DDM200 + wedge



ASA UWF600 + DDM200 + wedge**ONE OF THE FASTEST TELESCOPES OF THE WORLD!**

The UWF600_2 combines the super-fast 600mm f1.7 UWF OTA with our heavy-duty DDM200 mount. This large aperture system is ideal for short exposure, high SNR wide field surveys.

The main mirror and the corrector can be collimated fully electronic to allow an easy and fast remote collimation. The focuser works with absolute encoder feedback.

It can be optionally upgraded with a second optical tube assembly when used in Twin Mode. Features an aspherical optic design.

Main Facts**Optical design**

Ultra Wide Field, prime corrector

Linear central obstruction

48%

Focal length

1018mm

Focal ratio system

f1.7

Clear Aperture / Focal Ratio Primary Mirror

600mm (23.6 inch) / f1.7

Image field

84mm (4.73 degrees)

Mirror material

Fused silica

Image Quality FWHM

<6µm RMS

Surface quality

>80 strehl

Microroughness

1.3nm RMS / <0.7nm Ra

Coating

Al+SiO₂ >96%

Back Focus from flange

62.31mm

Weight tube

150kg (331lbs) (no camera or filter)

Motor

ASA Direct Drive

Latitude Range

0 to 90 degrees

Weight mount (without counterweight)

137kg (302lbs) (without counterweight)

Software

ASA API (application programming interface) available autumn 2023 ASA Software(Autoslew, Sequence-windows based, ACC) with ASCOM-Alpaca

Max. slew speeds

Up to 50 degrees per second

Pointing Accuracy (20° to 95°)

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