



ASA AT ITS BEST!

The RC800_5 package includes the RC800 OTA and our DDM500 mount with 1100 lb. capacity! The result is our highest performance available in a package deal.

Main Facts

Optical design

Ritchey-Chrétien RC

Linear central obstruction

41%

Focal length

5480mm

Focal ratio system

f6.85

Clear Aperture / Focal Ratio Primary Mirror

800mm (31.5 inch) / f2.5

Image field

120mm (1.25 degrees)

Mirror material

Fused silica

Back Focus from flange

345.73mm

Weight tube

246kg (542lbs)

Motor

ASA Direct Drive

Latitude Range

0 to 90 degrees

Max. load capacity

500kg (1102lbs)

Weight mount (without counterweight)

281kg (620lbs)

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 85°)

<8" RMS with pointing model and ASA telescope

Tracking Accuracy (20° to 85°)

<0,25" RMS within 5 minutes tracking time over 5 min 0,05" RMS/min

System Natural Frequency

10 Hz or greater