



**Newtonian:**  
150mm/5.9" @ f/5.0

**Parabolic multicoated mirror**

### R150S OTA GP-Trim

The 5.9" clear aperture of the R150S optical tube and f/5 focal ratio results in a potent, wide-field photo-visual system with 0.77 arc-sec of resolution. A 6x30 finder and 1¼" eyepiece adapter are included. (Shown with optional eyepiece, tube rings and dovetail plate on GP-type mount.)

**Model # TS-ON-8696**

**Wt: 4.8 kg / 10.6 lbs**

### Wide-Field Pleasures Await!

- Fully Coated Optics
- No chromatic aberration

### Design

Newtonian reflector telescopes are completely free of chromatic aberration, and they are generally less expensive than refractor telescopes of equal aperture. The parabolic mirror reflectors have neither chromatic aberration nor spherical aberration and their center image is extremely sharp.

Vixen's unique sliding focus mount (for the R130S and R150S) has the advantage of using a smaller secondary mirror that minimizes light loss due to secondary mirror obstruction.



**Newtonian:**  
130mm/5.1" @ f/5.5

**Parabolic multicoated mirror**

### R130S OTA GP-Trim

Great entry into Vixen quality! The R130S optical tube has 5.1" aperture and yields 0.89 arc-sec of resolution. At f/5.5 this is great for wide-field viewing and imaging of extended objects. 6x30 finder and 1¼" eyepiece adapter. (Shown with optional eyepiece, tube rings & dovetail plate on GP mount.)

**Model # TS-ON-8695**

**Wt: 3.7 kg / 8.2 lbs**

### Optional Photo Accessories

#### Tele-Extender R130S/R150S

Tele-Extenders extend the effective focal length of the optical system. They can be used in place of a Barlow lens for imaging applications. Extends the focal length of the R150S from 750mm to 1500mm (f/10) and the R130S from 720mm to 1440mm (f/11).

**Model # AV-TE-3631**



#### Focal Reducer R130S/R150S

Focal reducers shorten the effective focal length of telescopes to provide wider visual fields and faster f-ratios for astrophotography. This focal reducer is for astrophotography only. Shortens the focal length of the R150S from 750mm to 652mm (f/4.3) and the R130S from 720mm to 626mm (f/4.8).

**Model # AP-FR-3633**

