

Thank you for purchasing the Tele Vue 21mm ETHOS, the eyepiece that earned a 2010 Hot Product Award from Sky and Telescope magazine.

We wish you years of exciting deep sky viewing with the 21mm ETHOS, and we welcome comments on your personal experiences.



## 21mm ETHOS EYEPIECE INSTRUCTIONS

**Warning:** Do not unscrew any sections of the eyepiece, as the lenses may fall out, thereby voiding the warranty.

### Tele Vue 21mm ETHOS Specifications

Apparent Field:	100°
Focal length:	21mm
Effective Field Stop:	36.2mm
Eye Relief:	15mm (accepts Tele Vue's Dioptix astigmatism corrector)
Barrel Size:	2" (accepts 2" filters)
Weight:	2.25 lbs.

For Newtonians/Dobsonians, we recommend our Paracorr coma corrector to eliminate the mirror coma in  $f/5.5$  or faster scopes. This permits the same kind of full field sharpness routinely seen in Tele Vue's NP-Series refractors. See your Paracorr instruction sheet for proper setting.

Note, the 21mm ETHOS nicely complements the 13mm and 8mm Ethos, since the power spacings are 1.6x and the field area spacings are about 3x.

If you have eyesight astigmatism, you can add Tele Vue's Dioptix Astigmatism Corrector to ETHOS, instead of using eyeglasses, to get the sharpest view possible (check [dioptix.com](http://dioptix.com) for more details).

Telescope	Magnification (x)	True Field (°)	Exit pupil (mm)
TV-60is	17.1	5.8	3.5
TV-76	22.9	4.3	3.3
NP-101, NP-101is	25.7	3.8	3.9
TV-85	28.6	3.5	3.0
NP-127is	31.4	3.1	4.0
TV-102, TV-102iis	41.9	2.4	2.4



### Approximate dimensions of 21mm ETHOS

- A. Length of barrel above reference surface (4.4")**
- C. Length of 2" barrel (1.6")**
- D. Diameter of black barrel (3")**
- F. Effective location of field stop (-0.37")**  
(Above Reference surface location of 2" barrel seat)