

## TELE VUE TELESCOPES RECOMMENDATIONS AND SPECIFICATIONS

<i>Application</i>	<i>Tele Vue-60</i>	<i>Tele Vue-76</i>	<i>Tele Vue-85</i>	<i>Tele Vue-NP101is</i>	<i>Tele Vue-NP127is</i>
Beginner	Excellent	Excellent	Excellent	Excellent	Not recommended
Youngster	Excellent	Excellent	Good	Might be too heavy	Not recommended
Birder (hiking)	Excellent	Fair	Not recommended	Not recommended	Not recommended
Birder (stationary)	Excellent	Excellent	Excellent	Excellent	Excellent
Traveling	Excellent	Excellent	Excellent	Very Good	Fair
Terrestrial photography	Good	Excellent	Excellent	Excellent (when used on very stable mount)	Excellent (when used on very stable mount)
Astrophotography (CCD)	Not recommended	Good	Excellent (with reducer / flattener)	Excellent	Excellent
Maximum visual field	4.3° (with 1.25" 32mm Plössl)	5.5° (with 2.0" 41mm Panoptic)	4.4° (with 2.0" 41mm Panoptic)	4.9° (with 2.0" 41mm Panoptic)	4° (with 2.0" 41mm Panoptic)
Recommended magnification range	11X - 150X	12X - 200X	15X - 225X	13X - 250X	16X - 300X
Light collection (over human eye)	73	118	147	200	329
Aperture	60 mm	76 mm	85 mm	101 mm	127 mm
Type	APO	APO	APO	APO	APO
Focal Ratio	f/6.0	f/6.3	f/7.0	f/5.4	f/5.2
Focal Length	360mm	480mm	600mm	540mm	660mm
Can use 2" eyepieces	No	Yes	Yes	Yes	Yes
Overall length of OTA (optical tube assembly)	10.0" (w/o diag.) 12.0" (w/1¼" diag.)	14.5" (w/o diag.) 17.4" (w/2" diag.)	19.0" (w/o diag.) 21.9" (w/2" diag.)	25.5" (w/o diag.) 28.5" (w/2" diag.)	33.5" (w/o diag.) 36.5" (w/2" diag.)
Optical tube assembly weight	3.0 lbs	5.1 lbs	6.1 lbs	10.7 lbs	14.5 lbs
Weight (scope as sold, including case) <sup>1</sup>	3.3 lbs	7.1 lbs	8.2 lbs	21 lbs	27 lbs
Carrying Case Supplied	Carry "sack" (soft case optional)	Soft case	Soft case	Hard case	Hard case
Use with camera tripod	Excellent	Good	Fair	Not recommended	Not recommended
Use with Tele Vue Tele-Pod Mount <sup>2</sup>	Excellent	Excellent	Good	Not recommended	Not recommended
Use with Tele Vue Panoramic Mount <sup>2</sup>	Excellent, but "overkill"	Excellent	Excellent	• Good at 100X • Fair at 200X	Not recommended
Use with Tele Vue Gibraltar HD4/5 Mounts <sup>2</sup>	Excellent, but "overkill" (HD4 recommended)	Excellent, but "overkill" (HD4 recommended)	Excellent (HD4 recommended)	Excellent (HD4 recommended)	Excellent (HD5 required)
Accepts Bino Vue	Not recommended	Yes	Yes	Yes	Yes
Minimum Bino Vue magnification with 32mm Plössl	Bino Vue Not recommended	30X	37X	34X	41X
Lunar and planetary viewing	Very Good	Excellent	Excellent	Excellent	Excellent
Viewing open clusters, brighter galaxies and nebulae	Good	Very Good	Excellent	Excellent	Excellent
Rich field viewing (e.g., Milky Way)	Good	Excellent	Excellent	Excellent	Excellent
Available Colors: G = Green I = Ivory	Satin black	G, I	G, I	I	I

NOTES: <sup>1</sup> TV60 has a mounting bar, not a mount ring <sup>2</sup> All Tele Vue mounts are available with encoders and cables for Digital Setting Circles or computer.