

Telescope Eyepiece Magnifications

Telescope: [Analog Sky BLOOM 8" Binoculars](#)

Specs: | Aperture=196mm | FL=1000mm | FR=5.0 | Weight=36lbs |

Eyepiece	FL (mm)	Barrel	Mag	FOV	Exit Pupil	Field Stop	Eye Relief	Body Width	Cost Each
Baader 72° Aspheric Hyperion	36	2"	27.8	2.6°	7.2	45.0	19mm	59.5	\$306
Tele Vue 68° Panoptic	24	1.25"	41.7	92.8'	4.8	27.0	15mm	48.3	\$399
Houdini 86° FMC 12	12	1.25"	83.3	61.9'	2.4	18.0	19mm	51.0	\$399
Houdini 86° FMC 7	7	1.25"	142.9	36.1'	1.4	10.5	19mm	47.0	\$379
Tele Vue 50° Nagler Planetary Zoom	3	1.25"	333.3	8.9'	0.6	2.6	10mm	43.2	\$487
	6		166.7	17.5'	1.2	5.1			
Baader Hyperion Zoom Mark IV	8	2"	125.0	32.7'	1.6	9.5	12–	55.0	\$487
	24	1.25"	41.7	69.1'	4.8	20.1	15mm		

Telescope: [Analog Sky Heart Binoculars](#)

Specs: | Aperture=80mm | FL=400mm | FR=5.0 | Weight=8lbs |

Eyepiece	FL (mm)	Barrel	Mag	FOV	Exit Pupil	Field Stop	Eye Relief	Body Width	Cost Each
Baader 72° Aspheric Hyperion	36	2"	11.1	6.4°	7.2	45.0	19mm	59.5	\$306
Tele Vue 68° Panoptic	24	1.25"	16.7	3.9°	4.8	27.0	15mm	48.3	\$399
Houdini 86° FMC	12	1.25"	33.3	2.6°	2.4	18.0	19mm	51.0	\$399
Houdini 86° FMC	7	1.25"	57.1	1.5°	1.4	10.5	19mm	47.0	\$379
Tele Vue 50° Nagler Planetary Zoom	3	1.25"	133.3	22.3'	0.6	2.6	10mm	43.2	\$487
	6		66.7	43.8'	1.2	5.1			
Baader Hyperion Zoom Mark IV	8	2"	50.0	1.4°	1.6	9.5	12–	55.0	\$487
	24	1.25"	16.7	2.9°	4.8	20.1	15mm		

Telescope Eyepiece Magnifications

Telescope: [BuiltAstro HanyDob6](#)

Specs: | Aperture=150mm | FL=750mm | FR=5.0 | Weight=9.25lbs |

Eyepiece	FL (mm)	Barrel	Mag	FOV	Exit Pupil	Field Stop	Eye Relief	Body Width	Cost Each
SvBony 68° Wide Angle	20	1.25"	37.5	1.8°	4.0	23.7	17mm	36	\$32
SvBony 68° Wide Angle	15	1.25"	50.0	1.4°	3.0	17.8	17mm	36	\$32
SvBony 68° Wide Angle	9	1.25"	83.3	49.0'	1.8	10.7	17mm	36	\$32
SvBony 68° Wide Angle	6	1.25"	125.0	32.5'	1.2	7.1	17mm	36	\$32

Telescope: [Celestron C-6 SCT](#)

Specs: | Aperture=150mm | FL=1500mm | FR=10.0 | Weight=8.0lbs |

Eyepiece	FL (mm)	Barrel	Mag	FOV	Exit Pupil	Field Stop	Eye Relief	Body Width	Cost Each
Tele Vue Panoptic	27	2"	55.6	69.9'	2.7	30.5	19mm	53.3	\$387
Pentax XW 20	20	1.25"	75.0	55.0'	2.0	24.0	20mm	61.0	\$267
Pentax XW 14	14	1.25"	107.1	40.3'	1.4	17.6	20mm	61.0	\$346
Pentax XW 10	10	1.25"	150.0	28.4'	1.0	12.4	20mm	61.0	\$311
Pentax XW 7	7	1.25"	214.3	20.2'	0.7	8.8	20mm	61.0	\$346
Pentax XW 5	5	1.25"	300.0	14.2'	0.5	6.2	20mm	61.0	\$346

Telescope: Meade LX200 7" Maksutov

Specs: | Aperture=178mm | FL=2,670mm | FR=15.0 | Weight=16.7lbs |

Eyepiece	FL (mm)	Barrel	Mag	FOV	Exit Pupil	Field Stop	Eye Relief	Body Width	Cost Each
Tele Vue Panoptic	27	2"	98.9	39.3'	1.8	30.5	19mm	53.3	\$387
Pentax XW 20	20	1.25"	133.5	30.9'	1.3	24.0	20mm	61.0	\$267
Pentax XW 14	14	1.25"	190.7	22.7'	0.9	17.6	20mm	61.0	\$346
Pentax XW 10	10	1.25"	267.0	16.0'	0.7	12.4	20mm	61.0	\$311
Pentax XW 7	7	1.25"	381.4	11.3'	0.5	8.8	20mm	61.0	\$346
Pentax XW 5	5	1.25"	534.0	8.0'	0.3	6.2	20mm	61.0	\$346