

Hardware Summary Sheet

Telescopes

Telescope	Apt FL FR	Eyepiece Data (Mag, FOV, Exit Pupil)						
		55	40	25	20	15	10	5
Celestron C-6	Aperture =150mm Focal Len = 1,500mm fRatio = f10	27x 2.0° 5.5	38x 1.5° 4.0	60x 0.9° 2.5	75x 0.7° 2.0	100x 0.5° 1.5	150x 0.37° 1.0	300x 0.2° 0.5
Meade 7" LX200	Aperture =178mm Focal Len = 2,670mm fRatio = f15	49x 1.1° 3.8	67x 0.8° 2.7	107x 0.5° 1.7	134x 0.4° 1.3	178x 0.3° 1.0	267x 0.2° 0.7	534x 0.1° 0.3
Built Astro HandyDob6	Aperture =150mm Focal Len = 750mm fRatio = f5	14x 4.1° 11	19x 3.0° 8.0	30x 1.9° 5.0	38x 1.5° 4.0	50x 1.1° 3.0	75x 0.7° 2.0	150x 0.4° 1.0
Questar 3.5" Duplex	Aperture =89mm Focal Len = 1,280mm fRatio = f14.4	23x 2.4° 3.8	32x 1.7° 2.8	51x 1.1° 1.7	64x 0.9° 1.4	85x 0.7° 1.0	128x 0.4° 0.7	256x 0.2° 0.35
Analog Sky Bloom (Binoculars)	Aperture =203mm Focal Len = 1,000mm fRatio = f4.9	18x 3.1° 11	25x 2.2° 8.1	40x 1.4° 5.1	50x 1.1° 4.1	67x 0.8° 3.0	100x 0.6° 2.0	200x 0.3° 1.0
Analog Sky Heart (Binoculars)	Aperture =80mm Focal Len = 400mm fRatio = f5.0	7.3x 7.7° 11	10x 5.6° 8	16x 3.5° 5	20x 2.8° 4	27x 2.1° 3	40x 1.4° 2	80x 0.7° 1

Hardware Summary Sheet

Imaging Rigs

		Camera 1
Rig	Config 1	Config 2
SeeStar S30 Pro	Config: Zoom Aperture: 30mm F.L.: 150mm fRatio: f5.3 Sensor: IMX585 (1/1.2") Pixel Size: 2.9umx2.9um Resolution: 2160x3840 Pixel Scale: 3.68"/pixel FOV: 2.2 x 3.9°	Config: Wide Aperture: 3.4mm F.L.: 35mm fRatio: f1.75 Sensor: IMX586 (1/2") Pixel Size: 2.0umx2.0um Resolution: 2160x3840 Pixel Scale: 10.8"/pixel FOV: 2.2 x 3.9°
Celestron C-6 SCT	Config: Primary Focus ----- Camera: ASI6200MC Pro Field of View: 1.38°x0.92° Pixel Scale: 0.52"/pix Sensor: IMX455 Resolution: 9,576x6,388pix Pix Size: 3.76um ----- Camera: ASI1294MC Pro Field of View: 0.73°x0.50° Pixel Scale: 0.64"x0.64"/pix Sensor: IMX4294 Resolution: 4,144x2,822pix Pix Size: 4.63um	Config: HyperStar ----- Camera: ASI6200MC Pro FOV: 6.9°x4.6° Pixel Scale: 2.6" Sensor: IMX455 Res: 9,576x6,388pix Pix Size: 3.76um ----- Camera: ASI1294MC Pro FOV: 3.7°x2.5° Pixel Scale: 3.2"/pix Sensor: IMX4294 Res: 4,144x2,822pix Pix Size: 4.63um
Meade LX200 7" Mak	Config: Primary Focus ----- Camera: ASI6200MC Pro Field of View: 0.77°x0.52° Pixel Scale: 0.29"/pix Sensor: IMX455 Resolution: 9,576x6,388pix Pix Size: 3.76um ----- Camera: ASI1294MC Pro Field of View: 0.41°x0.28° Pixel Scale: 0.36"/pix Sensor: IMX4294 Resolution: 4,144x2,822pix Pix Size: 4.63um	Config: Primary Focus ----- Camera: ASI1715MC FOV: 0.12°x0.07° Pixel Scale: 0.11"/pix Sensor: IMX715 Res: 3,864x2,192pix Pix Size: 1.45um ----- Camera: ASI183MC FOV: 0.41°x0.28° Pixel Scale: 0.19"/pix Sensor: IMX183CLK-J Res: 5,496x3,672pix Pix Size: 2.4um