

## MOUNTS

Paramount ME equatorial mount  
Takahashi EM-400 Temma equatorial mount  
Takahashi EM-200 Temma 2 Jr equatorial mount  
Takahashi EM-10 Temma 2 Jr equatorial mount  
Takahashi EM-2 equatorial mount  
Takahashi Teegul Sky Patrol II  
Sky-Watcher SolarQuest Mount  
Telescope Service precision altazimuth Mount  
Sky-Watcher Star Adventurer equatorial mount  
2X Zeiss Telemontor Equatorial mounts  
200 mm F/6 homemade dobsonian reflector mount  
C14 Fork Mount + Byers retrofit (**SOLD**)  
4 Homemade massive equatorial mounts  
GP Celestron equatorial mount (**SOLD**)  
Giro 2DX, Berlebach Tripod UNI 18  
2X Manfrotto tripods

## REFLECTORS

300 mm F/7.1 Negretti & Zambra reflector  
300 mm F/5 Merak reflector (dobsonian)  
Takahashi Mewlon 250 mm F/12 (**SOLD**)  
Takahashi Mewlon 180 mm F/12 (**SOLD**)  
222 mm F/5.8 Fullerscopes reflector  
200 mm F/9 Astro-Tech Ritchey-Chrétien (**SOLD**)  
150 mm F/8 Astro-Tech Ritchey-Chrétien (**SOLD**)  
Vixen R200SS 200 mm F/4 reflector (**SOLD**)  
150 mm F/8 homemade reflector  
150 mm F/4 Coultter reflector  
Heritage 130 mm F/5.1 Sky-Watcher FlexTube  
110 mm F/7.3 TAL-1M reflector  
110 mm F/7.3 TAL-1 reflector  
100 mm F/10 Peri Vixen reflector  
Heritage 76 mm F/4 Sky-Watcher Dobsonian

## CATADIOPTRICS

C14 Celestron SCT, 356 mm F/11 (**SOLD**)  
Classical C8 (Orange Tube) 200mm F/10  
C8 200mm F/10 FASTSTAR compatible  
Celestar 8 SCT 200 mm F/10 (**SOLD**)  
Alter Intes Micro M603 MCT 150 mm F/10 (**SOLD**)  
Meade 2045 SCT 100 mm F/10  
Rubinar 100 mm F/10 MCT (**SOLD**)  
Questar 3.5" Duplex (1985)  
Celestron C90 rubberized  
Meade ETX 90 MCT 90 mm F/12.5  
Synta MC 90 mm F/5.6 (**SOLD**)

## REFRACTORS

APM 180mm F/6 Achromat  
TMB 175mm F/8 APO refractor (triplet)  
TMB 152mm F/7.9 APO refractor (triplet)  
APM 152mm F/7.9 APO refractor (doublet ED)  
TEC140 F/7 ED APO refractor  
TMB 100mm F/8 APO refractor (triplet)  
Synta 150 F/8 refractor  
Aries Chromacor-01 (**SOLD**)  
William Optics FLT132 refractor (**SOLD**)  
Astro-physics 130 EDFS F/6  
Takahashi FS128 refractor 128 mm F/8.1  
Jaegers 5" F/5  
Televue TV-101 F/5.4  
Ikharus 102ED F/7  
Celestron 100EDR F/9  
Ikharus 80ED F/7  
2X Takahashi FS102 refractor 100 mm F/8 (**SOLD**)  
Vixen 102 mm F/9.8 refractor  
Synta 102 F/9.8 refractor (**SOLD**)  
Skywatcher 102 mm F/9.8 (**SOLD**)  
Skywatcher 102 mm F/4.9  
Zeiss diascope 85 t fl  
Carl's Zeiss AS 80/1200 Semi Apo Refractor  
Megrez 80 mm F/6 refractor (**SOLD**)  
Konus 80 mm F/5 refractor (**SOLD**)  
Astro-Tech 80 mm EDT F/7 carbon fibre tube (**SOLD**)  
Kson 80mm F/5.5 carbon fibre tube (**SOLD**)  
Leica Televid 77 (doublet)  
Borg 76 mm F/10 refractor APO  
Vixen FL-70s f/8 ED APO refractor  
WO Zenithstar 70ED Doublet 70 mm F/6.2 (**SOLD**)  
WO Zenithstar 66ED Petzval 66 mm F/6 (**SOLD**)  
Takahashi FS60C refractor 60 mm F/5.9  
Baader 60mm f/4 VARIO Finder  
Zeiss S-Tessar 300mm F/5.6 OTA  
Zeiss Tessar 360mm F/4.5 OTA  
60mm & 80mm Clavé objectives  
15X-60X terrestrial refractor  
Russian 60 mm F/5 refractor  
Vintage 60 mm F/8 refractor  
Vintage 50 mm F/8 refractor

## SOLAR FILTERS/SOLAR TELESCOPES

LUNT 152 BF3400 Solar telescope  
Coronado Pre-Meade SM90 (**SOLD**)  
Coronado SM90II  
3X Coronado Pre-Meade SM60  
LUNT LS60THa/B1200 Solar telescope  
LUNT ST 60/500 LS60T CaK OTA  
LUNT LS12CaKMDd2 Ca-K Module  
2X Coronado Pre-Meade SM40  
Coronado SM40II  
PST CaK  
2X PST mod 90mm f/14 (PST Etalon)  
PST H-alpha  
Coronado BF30, BF 15, 3X BF10  
Astro Engineering Solarvue 2" (**SOLD**)  
3X Baader Solarwedge (2X Ceramic)  
APM 1 1/4" Solarwedge  
Clavé Solarwedge (27mm)  
2X Unitron/Polarex Solarwedge

## ASTROGRAPHS

Lichtenknecker 500 mm F/3.5 Flat Field Camera  
Pentax 75 SDHF f/6.7 APO refractor

Pentax 100SDUF II APO refractor

## ANTIQUES/VINTAGE

Cooke & Sons 5" F/15 refractor  
Vintage 100mm f/15 brass OTA  
2X Zeiss Telemontor E 50/540 refractor  
Carl Zeiss Jena Aisiola 63mm/420 refractor  
Zeiss Telemontor II 63mm F/13.3 refractor  
Tasco 60mm F/11.6 model 9TE-5  
Japanese 60mm f/15 (MOS) equatorial refractor  
Asahi Pentax 60mm F/13  
Unitron Spotting scope 50mm  
Polarex Spotting scope 60mm  
Polarex Spotting scope 80mm  
Broadhurst & Clarkson 2.7" F/15 Starboy refractor  
Tasco 10K 80 1200 refractor  
Carton 80 1200 refractor  
Watsons & Sons 3" F/16 refractor  
Vintage 100 mm F/13 refractor lens (XIX century)  
Skylight Telescopes OTA 100mm F/13 lens  
Unitron (Polarex) 102 F/15 refractor (OTA)  
Unitron 75mm F/16 folded refractor (model 131-C)  
Weltlick 75mm F/16 refractor  
Polarex 75mm F/16 refractor OTA  
Polarex 60mm F/15 refractor OTA  
Skylight Telescopes 60mm F/15  
3X Dollond Night or Day hand-held refracting telescopes  
40-inch library stand achromatic telescope (circa 1800)  
30-inch library stand achromatic telescope (circa 1800)  
Gregorian Telescope (circa 1800)  
Level telescope & Handheld level telescope

## BINOCULARS

Swarovski 8X56 SLCB Binoculars  
Zeiss Terra ED 10X42 Binoculars  
Zeiss 10X50 Dekaren Binoculars  
Zeiss 8X30B Binoculars  
Celestron SkyMaster 25X100 ASTRO Binoculars  
Helios 11X80 Binoculars  
Hertel & Reuss 20X56 Binoculars  
Pentax 16X60 Binoculars  
Russian 20X60 Binoculars  
Russian 20X60 Monocular (**SOLD**)  
Pentax 10X50 Binoculars (fixed focus)  
Russian 10X50 Binoculars  
Olympus 8X42 Binoculars  
Zeiss 7X50 Monocular  
Russian 10X50 Monocular  
Russian 12X10/20x60 Monocular  
Pentax 8X20 Binoculars  
Nikon 7X20 Binoculars  
Leitz 4X20 Monocular  
Eschenbach 2.8X9 Monocular

## EYEPIECES

Unitron/Polarex eyepieces 2x40mm, 3x25mm, 18mm, 3X 12.5mm, 2x9mm, 3x7mm, 3x6mm  
2X Unitron/Polarex eyepiece turret  
Baader Q-Turret 1 1/4" (32mm, 18mm, 10mm, 6mm eyepieces)  
Celestron Eyepiece (6 mm) Plössl  
Celestron Eyepiece (7.5 mm) Plössl  
Celestron Eyepiece (10 mm) Plössl  
Celestron Eyepiece (12 mm) Orthoscopic  
Celestron Eyepiece (17 mm) Plössl  
Celestron Eyepiece (20 mm) Plössl  
Celestron Eyepiece (25 mm) Orthoscopic  
2X Clavé Eyepiece (6 mm) Plössl 27mm  
2X Clavé Eyepiece (8 mm) Plössl 27mm  
Clavé Eyepiece (10mm) Plössl 27mm  
Clavé Eyepiece (12mm) Plössl 27mm  
Clavé Eyepiece (16mm) Plössl 27mm  
3X Clavé Eyepiece (20 mm) Plössl 27mm  
2X Clavé Eyepiece (25 mm) Plössl 27mm  
Clavé Eyepiece (30 mm) Plössl 50mm  
Clavé Eyepiece (35mm) Plössl 50mm  
Clavé Eyepiece (40 mm) Plössl 50mm  
Clavé Eyepiece (45mm) Plössl 50mm  
Clavé Eyepiece (55 mm) Plössl 50mm  
Clavé Eyepiece (65 mm) Plössl 50mm  
Clavé Eyepiece (75 mm) Plössl 50mm  
3X Sécretan eyepieces (7, 8, 9)  
Surplus Eyepiece (32 mm) Erfle  
Intes Eyepiece (14 mm) Kelnor  
Konus Eyepiece (25 mm) Plössl  
Konus Eyepiece (40 mm) Plössl (**SOLD**)  
Meade Series 5000 28 mm Super Wide Angle (**SOLD**)  
Meade Eyepiece (8.8 mm) Wide Angle (**SOLD**)  
Meade Eyepiece (26 mm) Plössl  
Explore Scientific Eyepiece (9 mm) 100° (**SOLD**)  
Explore Scientific Eyepiece (20 mm) 100°  
Explore Scientific Eyepiece (40 mm) 68°  
Televue Eyepiece (9 mm) Nagler  
Televue Eyepiece (12 mm) Nagler (**SOLD**)  
Televue Eyepiece (13 mm) Nagler (**SOLD**)  
Televue Eyepiece (13 mm) Ethos 100°  
Televue Eyepiece (20 mm) Nagler Type 2  
Televue Eyepiece (31 mm) Nagler Type 5  
Televue Eyepiece (35 mm) Panoptic (**SOLD**)  
Televue Eyepiece (24 mm) Panoptic  
Televue Eyepiece (24 mm) Panoptic (**SOLD**)  
Baader Hyperium (13 mm) (**SOLD**)  
Baader Hyperion Zoom Eyepiece (8/24 mm)  
2X Lunt Zoom Eyepiece (7.2/21.5 mm)  
Pentax XF Zoom Eyepiece (6.6/19.5 mm)  
Vixen 8-24 mm Zoom Lanthanum  
ZEISS Vario D 15-56x/20-75x eyepiece  
Eyepiece (32 mm) Plössl  
2X Russian Eyepieces (25 mm) Plössl  
Soligor Eyepiece (12.5 mm) Lanthanum  
Takahashi Eyepiece (30 mm) LE (**SOLD**)  
Takahashi Eyepiece (24 mm) LE  
Takahashi Eyepiece (18 mm) LE  
Takahashi Eyepiece (7.5 mm) LE

Takahashi Eyepiece (5 mm) LE  
TS Planetary HR (2.5 mm) (**SOLD**)  
2X William Optics Eyepieces 20 mm WA  
Vixen Eyepiece (26 mm) Plössl  
Vixen Eyepiece (20 mm) Lanthanum  
Coronado Cemax (2X 12 mm, 2X 18 mm, 2X 25 mm)  
Wild Eyepiece (25 mm)  
Nikon Eyepiece (25 mm)  
Nikon Eyepiece (18 mm)  
Nikon Eyepiece (12.5 mm)  
Clavé 12 mm guiding eyepiece (27mm)  
Unitron Guiding Eyepiece (12.5 mm) Orthoscopic  
Meade Illuminated Guiding Eyepiece MA12 mm  
Meade CCD framing Eyepiece (25 mm) Plössl  
2X Clavé X2 Barlow 27mm  
Antares 2" X1.6 Barlow  
Televue X1.8 Barlow  
2X Coronado X2 Barlow  
Intex X2 Barlow  
Baader X2 Barlow Eudiascopic Triplet APO 1.25"  
Baader X2 VIP Barlow BA2406101  
Orion X2 Apochromatic Short Barlow  
Meade X2 Apochromatic Barlow  
Televue X3 Apochromatic Barlow  
Televue X2 Apochromatic 2" Big Barlow  
Televue X2.5 1 1/4" Powermate  
Televue X4 2" Powermate  
Televue X5 1 1/4" Powermate  
Zeiss 2X Abbé Barlow  
William Optics Binoviewer (2X 10 mm + 2X 20mm eyepieces)

## CCD/CMOS CAMERAS

Hi-sis22 KAF-0400  
Audine KAF-0400  
MX916 (**SOLD**)  
SBIG ST-7  
SBIG ST-8E  
SBIG ST-10XE (**SOLD**)  
3X SBIG STL-11000M (class 1, class 2)  
ATIK 11000 (**SOLD**)  
ATIK 161C  
Olympus DP-10  
Luna-QHY 5 Mono  
ZWO ASI120MM Mono USB2.0  
ZWO ASI290MC colour USB3.0  
ZWO ASI174MM Mono USB3.0  
DMK41/DMK51  
SMARTGUIDER 2  
Grasshopper 3 2.8 MP Mono (GS3-U3-2855M-C)  
Grasshopper 3 2.8 MP Mono (GS3-U3-2854M-C)  
Chameleon 3 2.8 MP Mono (CM3-U3-2854M-CS)  
Blackfly 2.3 MP Mono GigE PoE (BFLY-PGE-23S6M-C) (**SOLD**)  
Grasshopper 3 4.1 MP Mono USB3 Vision (CMOSIS CMV4000-3E5)  
Lumenera SKYnyx 2-0M  
Mintron 12V6HC (**SOLD**)  
Rollei racy (action cam)  
GoPro Hero (action cam)  
GoPro 5 (action cam)  
Kodak Pixpro SP360 (action cam)  
2X Watec 902H  
ATIK-2HS  
Toucam Pro  
Vesta Pro

## DIGITAL CAMERAS

Olympus Camedia C-1400 L  
Olympus Camedia c2000z  
Fujifilm MX-700  
Fujifilm FinePix 40i  
Leica Digilux 1  
2 Canon IXUS 951S  
Canon IXUS 275 HS  
Sony DSC P8, P200, W5  
Fujifilm FinePix S1 Pro  
Canon EOS 300D (**SOLD**)  
3X Canon EOS 350D  
Canon EOS 550D (**SOLD**)  
Canon 5D Mark II  
Canon 5D Mark II (Baader filter)  
Canon 6D (Astrodon filter)

## DRONES

DJI Phantom 2  
2X DJI Phantom 3 standard  
DJI Phantom 4  
DJI Inspire one

[http://re.apaaweb.com/imaging\\_setup.html](http://re.apaaweb.com/imaging_setup.html)

<http://www.astrourf.com/re>

<http://www.astrourf.com/re/telescopes.html>