

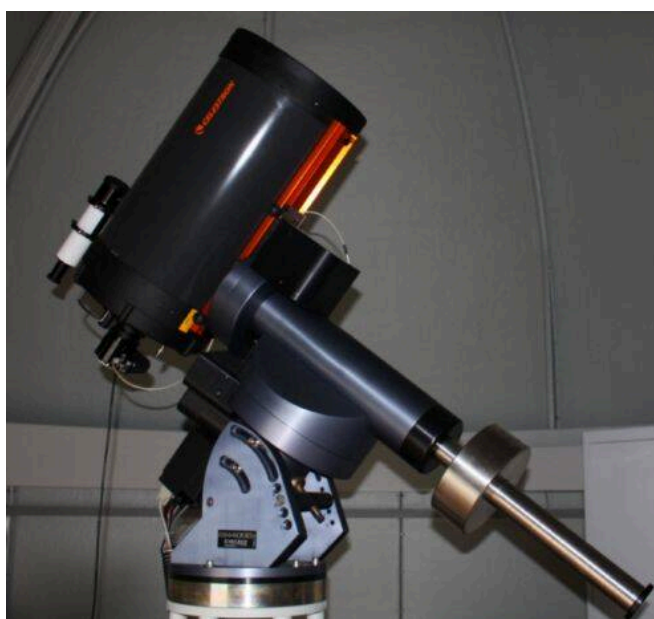
Our mobile telescopes

Besides our fixed main telescope, the [CDK20 from Planewave](#), our telescope family currently includes the following telescopes:

Schmidt Cassegrain telescopes from Celestron

We have a total of three of these telescopes in different sizes ranging from 8" to 11" and up to 14".

C14



The C14 on the GM4000 QCI

| | |
|---------------------------|---|
| Type | Schmidt-Cassegrain |
| Manufacturer | Celestron |
| Aperture | 356 mm |
| Focal Length | 3910 mm |
| f/Ratio | 11 |
| Spatial resolution | 0.33" |
| Length of the tube | 78 cm |
| Weight | 20,4kg |
| Mirror coating | StarBright™ XLT multicoating |
| Fastar compatible | No |
| Compatible mounts | CGE-PRO , CGX-L , EQ8-R PRO |

The C14 is our largest Schmidt-Cassegrain telescope. Before the CDK-20, the C14 was our primary fixed telescope. The C14 cannot be used for solar observations.

C11

| | |
|---------------------------|------------------------------|
| Type | Schmidt-Cassegrain |
| Manufacturer | Celestron |
| Aperture | 279.4 mm |
| Focal Length | 2800 mm |
| f/Ratio | 10 |
| Spatial resolution | 0.41" |
| Length of the tube | 61 cm |
| Weight | 12,5kg |
| Mirror coating | StarBright™ XLT multicoating |
| Fastar compatible | Yes |



| | |
|--------------------------|---|
| Compatible mounts | CGE-PRO , CGX-L , EQ8-R PRO |
|--------------------------|---|

We have a solar filter for the C11 so it can be used for solar observations.

The C11 on the CGE Pro

C8



| | |
|---------------------------|-------------------------------|
| Type | Schmidt-Cassegrain |
| Manufacturer | Celestron |
| Aperture | 203.2 mm |
| Focal Length | 2032 mm |
| f/Ratio | 10 |
| Spatial resolution | 0.57" |
| Length of the tube | 43.2 cm |
| Weight | 5.67kg |
| Mirror Coating | StarBright™ XLT Multi-coating |
| Fastar compatible | Yes |
| Compatible mounts | Advanced GT |

As for the C11, we also have a solar filter for the C8.

Rowe-Ackermann Schmidt Astrograph

RASA 11 V2

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RASA 11 on the CGX-L

| | |
|---------------------------|-----------------------------------|
| Type | Rowe-Ackermann Schmidt Astrograph |
| Manufacturer | Celestron |
| Aperture | 279 mm |
| Focal Length | 620 mm |
| f/Ratio | 2.2 |
| Spatial resolution | 0.49" |

| | |
|------------------------------|---|
| Length of the tube | 84 cm |
| Image Circle diameter | 43.3 mm |
| Useable field | 52 mm |
| Weight | 19,5kg |
| Mirror coating | StarBright™ XLT multicoating |
| Compatible mounts | CGE-PRO , CGX-L , EQ8-R PRO |

In our family of telescopes, this is the fastest telescope with the largest field of view and is therefore most commonly used for wide field observations. The Baader UFC (Universal Filter Changer) is available for this telescope with narrow band high speed filters as well as a complete set of SOLAN/SDSS filters.

Refracting telescopes

130mm Apochromat from Teleskop-Service



| | |
|---------------------------|---|
| Type | Apochromat |
| Manufacturer | TS-Optics |
| Aperture | 130 mm |
| Focal Length | 910 mm |
| f/Ratio | 7 |
| Lens type | FPL53 triplet |
| Spatial resolution | 0.89" |
| Weight | 11kg |
| Compatible mounts | CGE-PRO , CGX-L , EQ8-R PRO |

Our [apochromatic refractor](#) offers a large field of view. For this telescope we have both a solar filter and a Herschel prism for solar observations.

Coronado H α solar telescope aka. the OSST

| | |
|------------------------|--------------|
| Manufacturer | Coronado |
| Series | Solar Max II |
| Aperture | 60mm |
| Focal length | 400mm |
| f/Ratio | 6.6 |
| Bandwidth | < 0.5 |
| Blocking filter | BF10 |



| | |
|--------------------------|-----------------------------|
| Other | Richview tuning |
| :: | Double Stacked |
| :: | Sol Ranger Sunfinder |
| Compatible mounts | Advanced GT |

The [OSST](#) can be mounted on Celestron's Advanced-GT mount or on one of the other telescopes.

The Solar Max II on the Advanced GT

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