

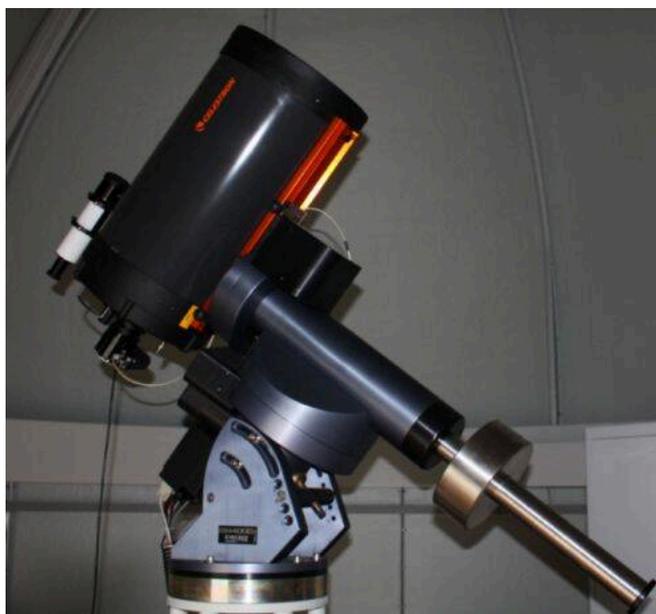
Our mobile telescopes

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 |

The C14 is our largest Schmidt Cassegrain telescope. It can be mounted on either the [CGE-Pro](#) or the CGX-L mount from Celestron. Before we got the CDK-20, the C14 used to be our main fixed telescope. The C14 cannot be used for solar observations. The setup and operation is basically equivalent to the [C11](#). The setup of the CGX-L differs only in a few points from the CGE-Pro. However, the CGX-L is somewhat easier to handle than the CGE-Pro.

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 |



The C11 on the CGE Pro

| | |
|--------------------------|------------------------------|
| Mirror coating | StarBright™ XLT multicoating |
| Fastar compatible | Yes |

The C11 can be mounted on both Celestron's CGE-Pro and CGX-L mounts. We have a sun filter for the C11, so it can be used for solar observations. The [setup and operation of the C11 and the CGE-Pro](#) is described in a separate article. The setup of the CGX-L differs only in a few points from the CGE-Pro. However, the CGX-L is somewhat easier to handle than 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 |

The C8 comes with the Advanced GT mount from Celestron. As for the C11, we also have a solar filter for the C8. The [setup and operation of the C8 and the Advanced GT](#) is described in a separate article.

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 |

Our triplet [apochromatic refractor](#) offers a wide field of view. The scope is usually used with the CGX-L. The setup and operation is almost identical to the [C11](#). The APO can also be used with the CGE-Pro.

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 |

The Solar Max II on the Advanced GT

The OSST can be mounted on the Advanced-GT mount from Celestron. More details about the [OSST, its setup and operation](#) can be found in a separate article.

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