

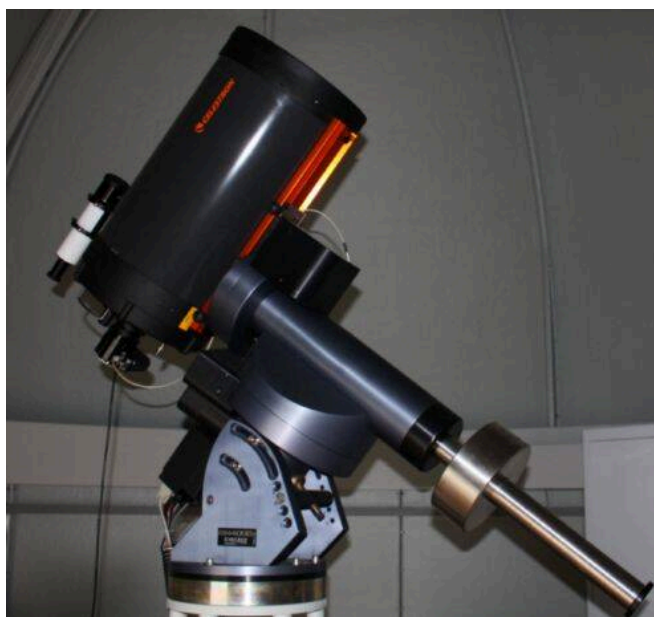
Our mobile telescopes

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.

From: <https://polaris.astro.physik.uni-potsdam.de/wiki/> - OST Wiki

Permanent link: <https://polaris.astro.physik.uni-potsdam.de/wiki/doku.php?id=en:ost:telescope:mobile&rev=1708412583>

Last update: 2024/02/20 07:03

