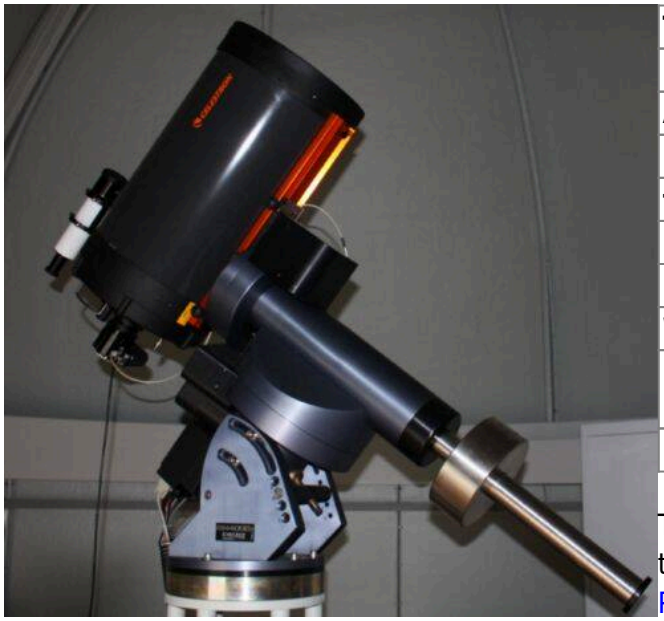
Our mobile telescopes

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″.

The 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.

The 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.

The 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

The 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.

The Coronado Hα solar telescope aka. the OSST

The Solar Max II on the Advanced GT

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 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.