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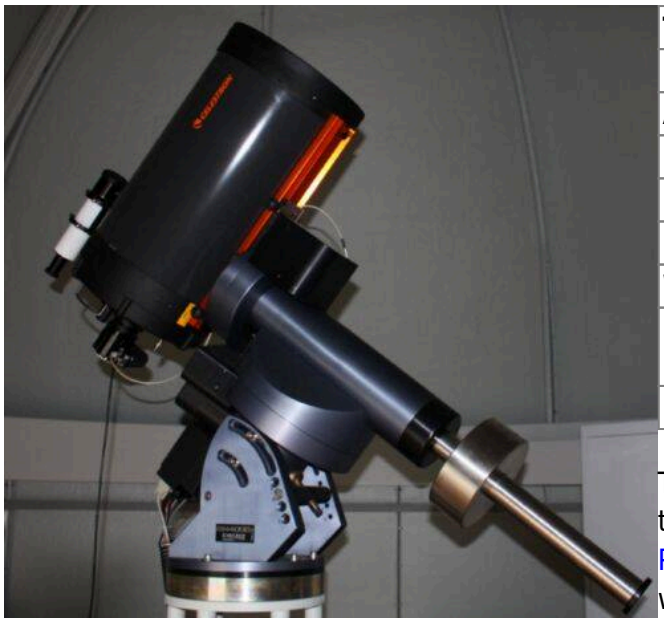
Our mobile telescopes

Besides our fixed main telescope, the CDK20 from Planewave, our telescope family currently includes the following four telescopes:

Schmidt Cassegrain telescopes from Celestron

Have a total of three of these telescopes with varying dimensions. Starting at 8″ over 11″ up to 14″.

The C14


The C14 on the GM4000 QCI

Type	Schmidt-Cassegrain
Manufacturer	Celestron
Aperture	356 mm
Focal Length	3910 mm
Spatial Auflesivity	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.

Das C11

Type	Schmidt-Cassegrain
Manufacturer	Celestron
Aperture	279.4 mm
Focal Length	2800 mm
Spatial Auflesivity	0.41″

The C11 on the CGE Pro

Length of the tube	61 cm
Weight	12,5kg
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.

Das C8

Typ	Schmidt-Cassegrain
Hersteller	Celestron
Öffnung	203.2 mm
Brennweite	2032 mm
Räumliches Auflösungsvermögen	0,57″
Länge des Tubus	43,2 cm
Gewicht	5.67kg
Spiegelvergütung	StarBright™ XLT-Multivergütung
Fastar-kompatibel	Ja

Zum C8 gehört als Montierung die Advanced GT von Celestron. Wie für das C11 haben wir auch für das C8 einen Sonnenfilter. Der Aufbau und die Bedienung des C8 und der Advanced GT ist in einem eigenen Artikel beschrieben.

Das Coronado-Hα-Sonnenteleskop aka. das OSST

Hersteller	Coronado
Serie	Solar Max II
Öffnung	60mm
Brennweite	400mm
f/Ratio	6.6
Bandbreite	< 0.5 Å

Das Solar Max II auf der Advanced GT

Blocking filter	BF10
Sonstiges	Richview tuning
	Double Stacked
	Sol Ranger Sonnenfinder

Das OSST kann auf die Advanced-GT-Montierung von Celestron montiert werden. Mehr Details zum OSST, dessen Aufbau und Bedienung ist in einem eigenen Artikel zu finden.