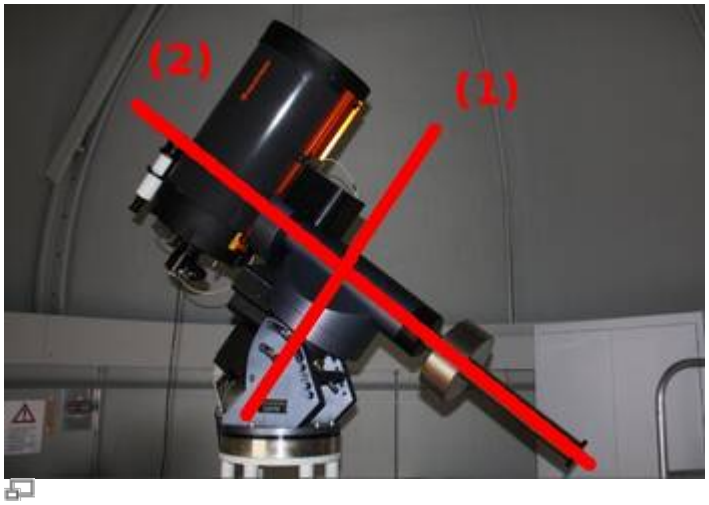
OST Basics

Tube

Type	Schmidt-Cassegrain
Diameter	356 mm
Focal length	3910 mm
Resolution	0.3''
Length of the tube	78 cm
Weight	20.4kg

Mounting



Axes

The mounting consists of 2 perpendicular axes:

- right ascension (1)
- declination (2).

The right ascension axis is parallel to the Earth axis, pointing towards the northern/southern celestial pole on the northern/southern hemisphere, respectively. The declination axis points towards the celestial equator.

Manufacturer	10 MICRON
Model	GM 4000
Type	German equatorial mount

Astronomical coordinates

	Degree, minutes, seconds	Decimal degrees	Degree, decimal minutes

Latitude	52° 24' 33,0624″ N	52.409184	52° 24.55104 N
Longitude	12° 58' 23,4666″ O	12.973185	12° 58.39111 O
Altitude	39 m $\pm$ 5 m		

Dome

The dome is made out of fibre-reinforced plastic (FRP). It was build and set up by Baader-Planetarium. The dome automatically follows the movement of the telescope. However, the azimuth, the hatch and the shutter can be manually controlled by an infrared remote control.

Diameter	5.2 m