



CGE PRO MOUNT ADDITIONAL SPECIFICATIONS

Approximate measures for boxing the mount (clutch and clamp handles removed)

- Equatorial head plus latitude adjustment assembly
 - 20" (polar axis plus dec motor housing)
 - x 20" (clamp plate to lower edge of latitude adjustment assembly)
 - x 7" across polar axle housing

The two parts (measurements approx):

- Equatorial head:
 - 20" (polar axis plus dec motor housing)
 - x 15" (clamp late to lower edge of RA motor)
 - x 7" across polar axle housing
- Latitude Adjustment assembly: 10" x 10" x12"

Dome considerations and measurements for 45° latitude. Optical tube is a C-14.

- 1) The span of the CGE Pro 1400 is $\approx 46"$. This is the distance across the Dec axis up through to the tube's top surface. This is without any accessories.
- 2) The distance from the electronic pier base to the top of the front of the tube is approx. 49"
This depends on the latitude and where the OTA is in the mount clamp.
 - Round both above figures to 4' . Add clearance to access tube in the dome, accessories and their clearance. Recommended: 8'.
 - A star party dome or one with seating , computer or equipment racks, etc. would need more space. Recommendation: 10' or more.
 - The distance from the electronic pier base to the ground or observatory floor depends on the pier and user. This determines how many wall sections would be needed for the observatory wall holding the dome.

CGE PRO SETUP HEIGHTS

- Tripod minimum height $\approx 38"$ maximum $\approx 55"$
- Electronics pier is 7"
- Equatorial head from pier top to center of the dovetail clamp in equatorial north position is $\approx 20"$ at 35° latitude.

CGE PRO COMPONENT WEIGHTS

- Equatorial head upper part (axes): 45 lbs.
- Lower part (latitude adjustment assembly): 30 lbs.
- Tripod and pier: 57 lbs.