



STANDARD FEATURES

POINTXP MODELING SOFTWARE

Telescope mount modeling software included for optical pointing and tracking accuracy

SIDEREAL TECHNOLOGY CONTROL ELECTRONICS

Controls the motion of the telescope, the field de-rotator and the focuser

DUAL TRUSS DESIGN

The upper and lower truss materials are chosen to cancel out thermal focus shift of the optical system.

MOUNTING PLATE EXPANSION JOINT

Allows the truss poles to expanding and contract independantly of the side mounting plates on the CDK700 optical tube.

FOCUSER / ROTATOR

3.5" inner diameter focuser / rotator is a standard feature. Handles large payloads and will not add vignetting. Both the focuser and the rotator are motor controlled and are ASCOM compatible.

COOLING FANS

Controlled manually or via the control computer, the fans help the primary mirror to equilibrate quickly.

FORK MOUNT AND PIER

Rigid powder coated welded steel construction. Direct drive axial flux torque motors on each axis along with high resolution position encoders together yields zero backlash, zero periodic error, and near zero non periodic error.

DRIVE ELECTRONICS

Capable of controlling up to 4 high speed encoders, limit switch inputs, homing switch inputs, controls two additional motors for accessories, two brake outputs and 16 digital and 2 analog inputs.