

2.4M TELESCOPE



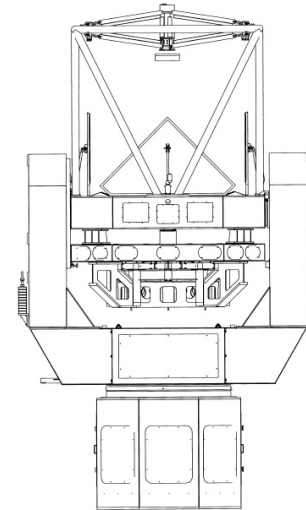
2.4M TELESCOPE



EOS is a leading manufacturer of large aperture beam directors and astronomical telescopes, lasers, enclosures and observatory systems.

EOS provides robust, industrial grade control systems for remote and robotic telescope and observatory control. EOS observatory products are found in many astronomical and military space sensing systems around the world.

The 2.4 m telescope is ideally suited for astronomy where reliability, ease of maintenance and high image quality are key. It has superb performance in slewing and tracking and can be built with Cassegrain or Nasmyth foci, making it a versatile telescope to support diverse astronomical research.



FEATURES

Telescope configuration	Nasmyth, Coudé or Cassegrain	
Aperture	200 cm to 250 cm	
Primary mirror focal ratios	From f/1.5-f/2 Optical and IR optimized designs Passive mirror supports	
System focal ratios	From f/8 to Mersenne	
Mount	Compact alt-azimuth	
Axis speeds	Axis speeds > 10 deg/s On-axis direct drives and absolute encoders	
Tracking jitter	< 0.5 arcsec RMS	
Pointing accuracy	< 3 arcsec RMS	
Operational features	<ul style="list-style-type: none">• Active collimation• remote autonomous operation• integrated dome observatory systems• wide field corrector systems	<ul style="list-style-type: none">• fast tip-tilt secondary mirrors• instrument derotators• complete remote control observatories

High Performance, High Reliability - 10 Year Mean Time Between Failure

For more information please contact:
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