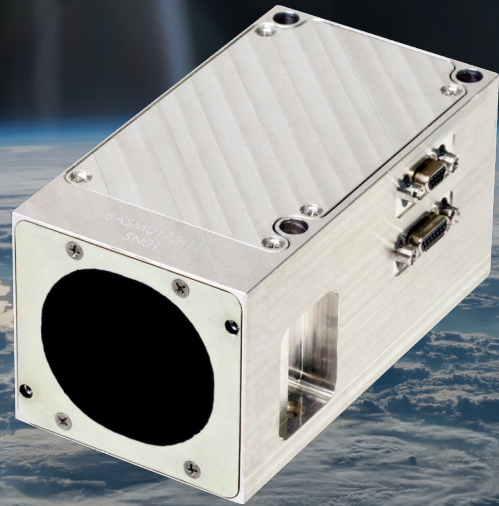




Spacecraft Buses, Systems & Solutions

STAR TRACKERS



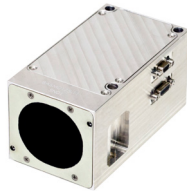
BCT's Star Trackers are currently operating on-orbit, providing turnkey attitude control in support of successful customer missions.

The Blue Canyon Technologies Star Tracker is a reliable, high-performance design, compatible with a variety of CubeSat and Nanosat configurations and missions. The BCT Star Tracker is now available for incorporation into spacecraft missions. The Star Tracker includes an internal baffle and electronics.

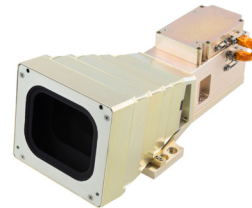
FEATURES INCLUDE

- Tracks stars down to 7.5 magnitude
- On-board star catalog (>20,000 stars)
- Lost-in-space star identification
- Low power
- User-friendly interfaces

Star Trackers

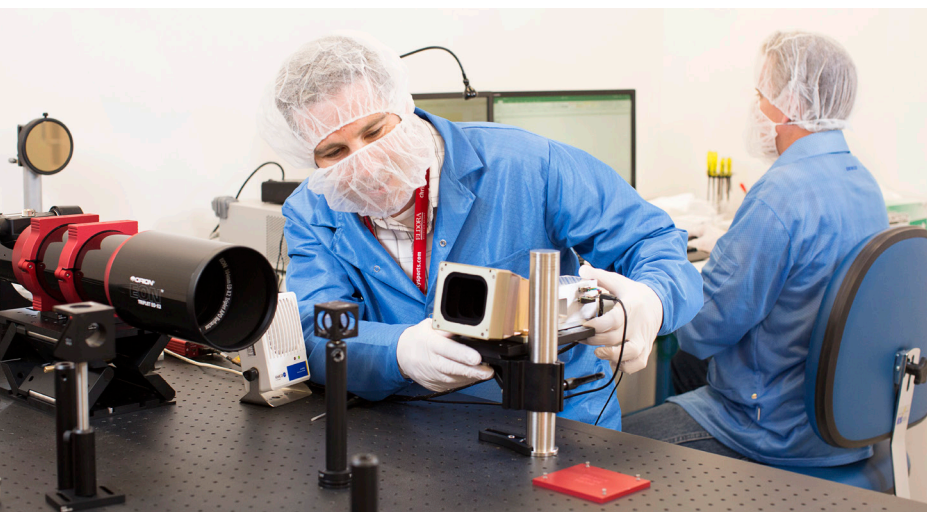


Standard NST



Extended NST

	Standard NST	Extended NST
Attitude Solution	5 Hz	5 Hz
Sky Coverage	> 99 %	> 99 %
Mass	0.35 kg w/ baffle	1.3 kg w/ baffle
Volume	10 x 5.5 x 5 cm	25 x 10 x 10 cm
Peak Power	< 1.5W	< 1.5W
Field of View	10 x 12 degrees	10 x 12 degrees
Sun Keep Out	45 degrees (half cone)	17.5 degrees (half cone)
Design Life	> 5 Years (LEO)	



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