

# SPACE GIMBAL

Space-Qualified, High Precision Motion Components



Applications	Space Aviation Defense Marine
Custom Development	Rapid Schedule: Sub 6-month timeline → PDR +2wks from ATP

Pointing Accuracy	0.004 degrees (RMS 0.001 deg)
Resolution	18-22 bit
Temperature	Operating: -80C – 125C Storage: -200C – 150C
Electronics	Control PCBs and wiring are fully embedded within housing
Dust Mitigation	Contact-less metal seal for lunar/Martian/terrestrial dust mitigation
Design	2-part cogless motors with zero backlash harmonic drives, ultra-low (near-zero) friction
Optional Components	Brake, hard stops, HDRM per axis, heaters