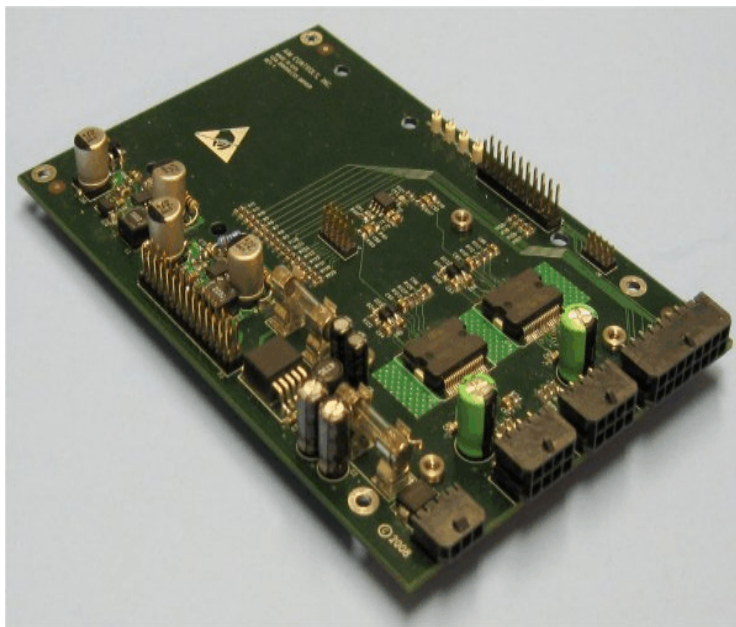
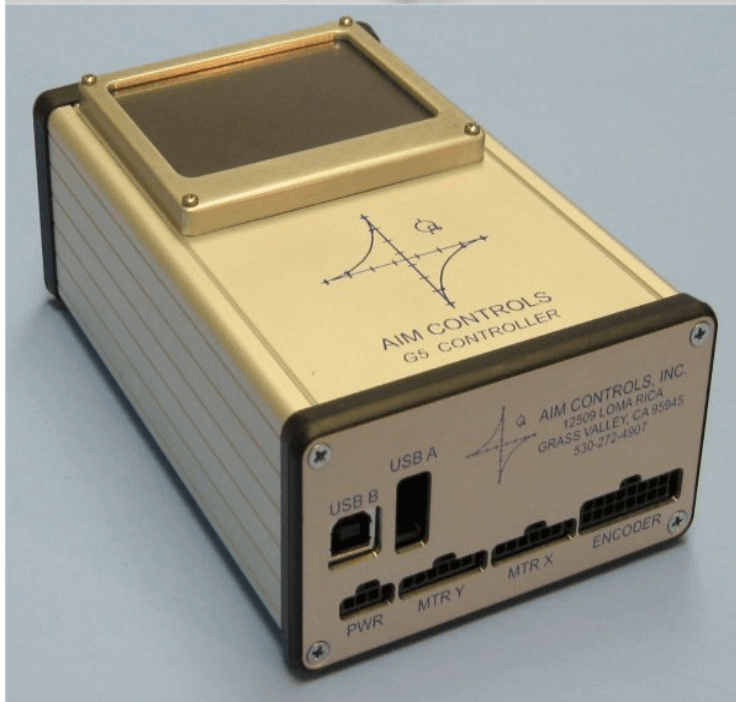


G5 Two Axis DC Brushless Driver

Aim Control's DC Brushless drivers are the most dynamic, versatile, and cost effective on the market. With their exceptional accuracy, stability, and flexibility, they are capable of satisfying the most demanding DC Brushless motor control requirements. Aim Controls' Dual DC Brushless Motor Drivers feature:



1. Wide motor speed with extended torque range.
2. Smooth, quiet and efficient motor operation.
3. Open or closed loop operation for each axis (encoder extra).
4. Three Phase DMOS bridge
5. Full protection for output circuit
6. Isolated I/O connections for two encoders and up to four I/O lines (e.g., limit switches).



Operating Specifications:

+12 to 30 vdc (higher voltages up to 50 vdc available)

2.8 amps phase; 5.6 peak current

Maximum operating frequency 100khz

Brake function

Standard PWM & Direction inputs or optional USB interface

Integrated Fast Freewheeling diodes

60 and 120 degree Hall effect decoding

Overcurrent detection and protection

Slow decay synch. rectification

Cross conduction protection

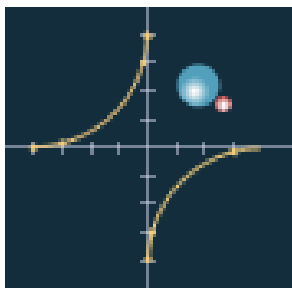
Thermal Shutdown

Undervoltage lockout

dual encoder (A, B, & I) inputs

4 I/O for limit switches, relay, etc.

Physical Specifications: 4"w x 6.5"L x 2"T; approx. 1 lbs.



AIM CONTROLS, INC.
P.O. Box 1685, 12509 Loma Rica Drive,
Grass Valley, CA 95959
Tel: (530)272-4907 Fax: (530)272-5147
email: info@aimcontrols.com