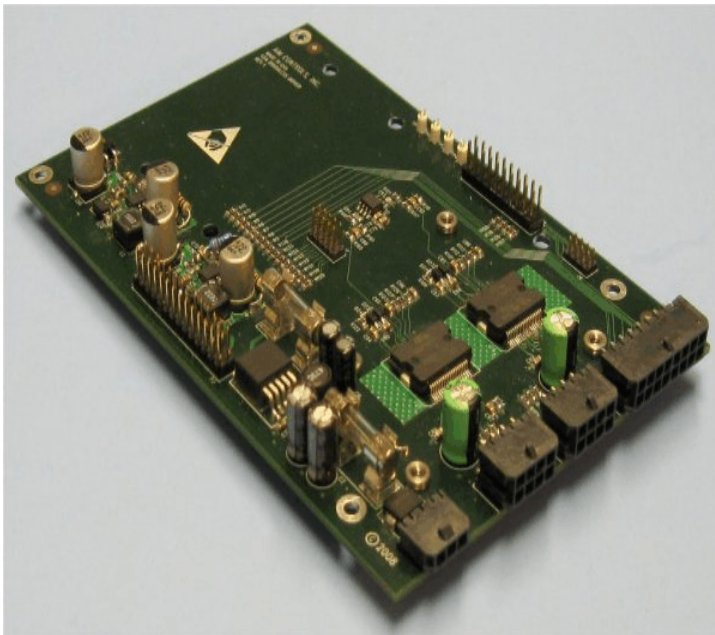
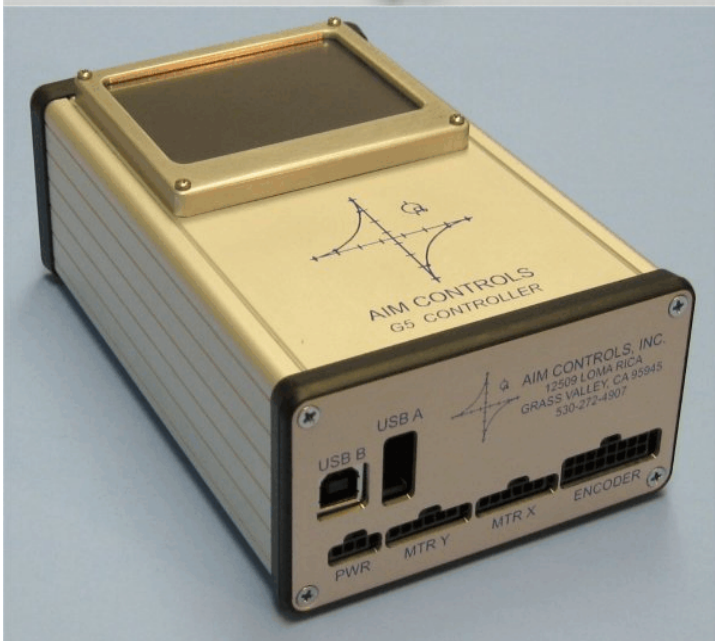


## G5 Single Axis Linear Motor Driver

Aim Control's linear 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 linear motor requirements. Aim Controls' Linear Motor Drivers feature:



1. Wide motor speed with extended torque range.
2. Smooth, quiet and efficient motor operation.
3. Encoder Input for Open or closed loop operation.
4. Isolated I/O connections for four I/O lines (e.g., limit switches).



**Features:**

- \* Low Power Loss
- \* High Performance IGBT
- \* Undervoltage Lockout
- \* Overcurrent Protection
- \* Thermal Shutdown

**Electrical Specifications:**

+12 to 450 vdc (contact Aim for separate high voltage power supply)

50 amps max.

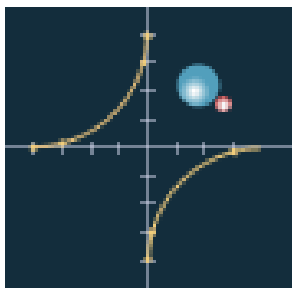
USB interface for step, direction and brake (contact AIM for USB communication protocol)

step, direction & brake inputs

dual encoder (A, B, & I) inputs

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

**Physical Specifications:** 4"w x 6.5"L x 2"T; approx. 3 lbs.



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