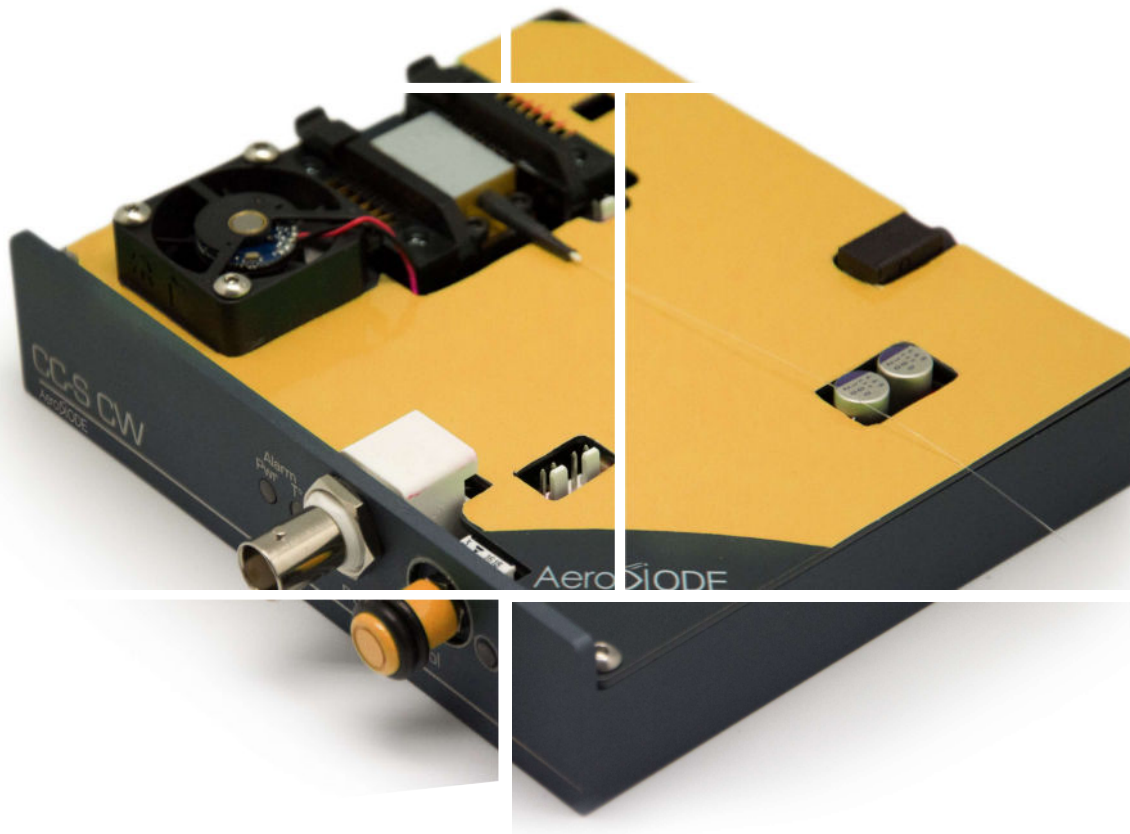


CCS-CW

To drive Single-Mode butterfly laser diodes in CW regime



Aero  DiODE

CW laser diode drivers

4 versions : Standard, HP & 2 low-noise models

Current source with TEC controller, pre-configured mounting sockets, USB interface, Genuine User Interface and several libraries (Labview/Hexa/Python (linux)/DLLs etc.)



Multiple layers of laser diode protection ensure that your device is protected at all times. The drivers can be delivered with or without butterfly mounting sockets. They are compatible with butterfly laser diodes and many other form-factors (TO, TOSA, VCSEL etc.)

Features :

- Output current up to 1500 mA (three versions)
- Adjustable compliance voltage (see spec and other product called TDLAS)
- Internal modulation over a CW setpoint with sin/sqr/triang adjustable modulation (2 versions)
- External modulation over a CW setpoint with adjustable transfer function (2 versions)

These fully integrated laser diode control and mounting modules are designed for precision control of single mode laser diode modules in research labs and for product integration. Two ultra-low noise versions are offered as a new precision solution with new performances.



Technical Specifications

Product Version

Output Current

Set point resolution (@ 100 mA)

Current Modulation

Modulation bandwidth

Output compliance voltage

Laser diode T° regulation

Temperature stability (typ)

TEC current/voltage

BFM (Back Facet Monitor) /
External photodiode monitoring

Interface/Compatibility/Libraries

Power Supply

Dimensions (mm)





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