AOSense Laser Solutions

Integrated Laser Controller with Servo

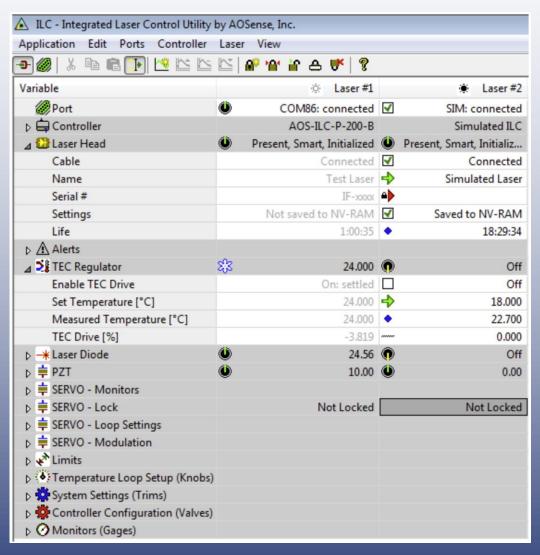


- Compact, all-in-one laser driver and locking solution
- > >2 MHz PI2D current servo
- Current, PZT, and Temperature servos
- Customizable current output for broad laser compatibility
- Available with or without servo functionality

Integrated Laser Controller with Servo



- Controlled from a PC
- Graphical User Interface simplifies laser drive & frequency stabilization.



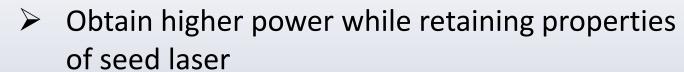
External Cavity Diode Lasers (ECDLs)



- Designed to easily interface with the AOSense SILC
- Compact, stable, rugged cat's eye design for operation in demanding environments
- ➤ Wavelength options from 369 nm to 1038 nm
- Custom wavelengths available on request
- \gt 5 100 mW output power
- 30 300 kHz linewidth
- Wavelength-tunable options available

Tapered Amplifiers (TAs)



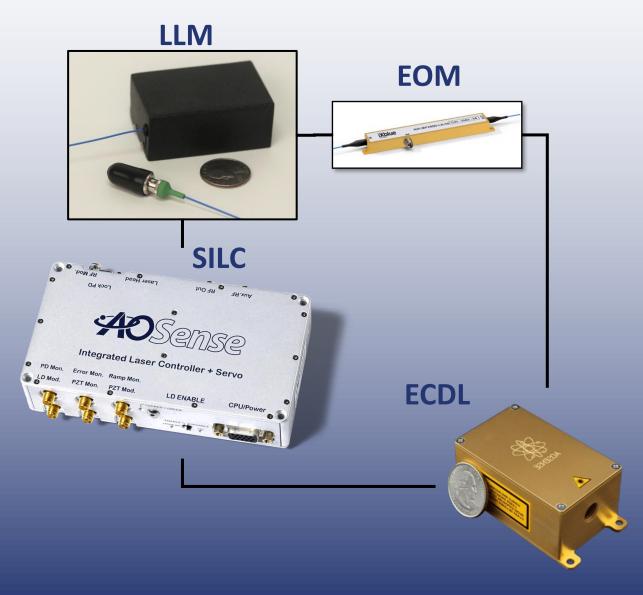


- Free-space-input and fiber-input options
- Free-space output
- > 1 W, 2 W, and 3 W versions available
- > 780 nm and 852 nm versions & custom wavelengths available on request





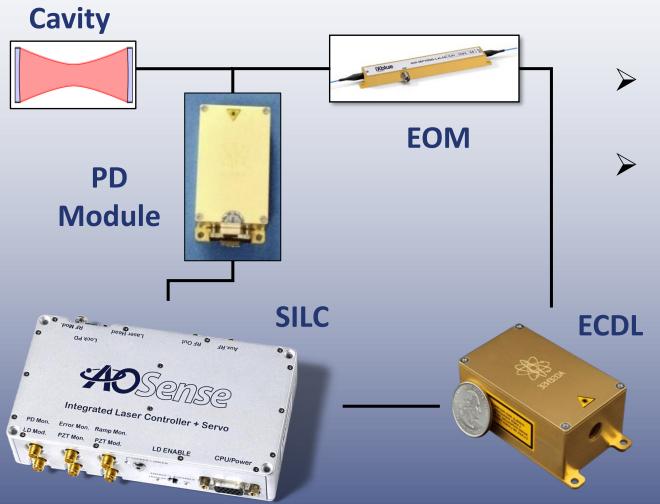
Saturable Spectroscopy Laser Lock Module (LLM)





- Fiber-input spectroscopy module for easily generated high-SNR error signals
- Designed to integrate with the AOSense SILC
- Standard Cs and Rb versions
- Custom species available

Photodiode (PD) Module



- Use our PD Module to easily interface a laser to an external cavity
- Ideal for Pound-Drever-Hall frequency stabilization

External Error Signal Adapter

