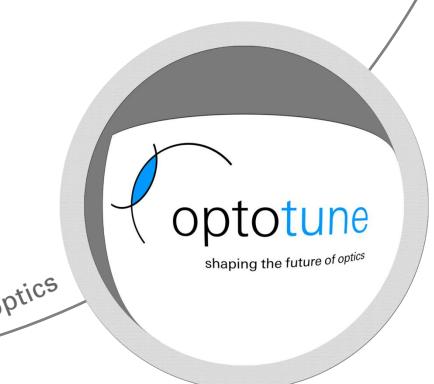
Lens Driver

Labview Instructions



shaping the future of optics

May 2014 Dr. David Stadler Application Engineer

Overview



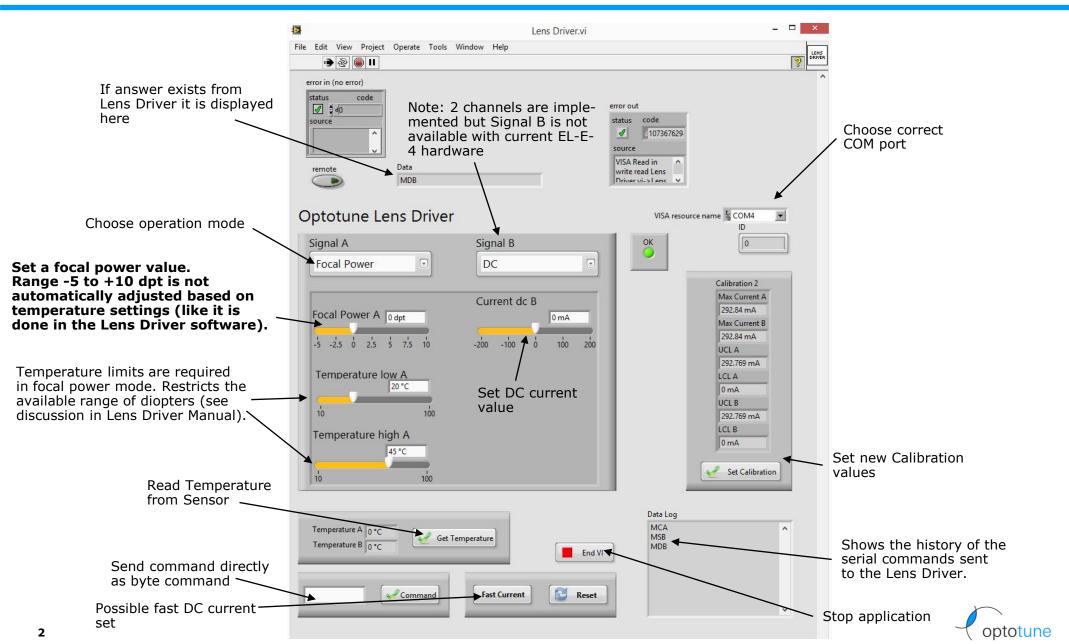


- Before you start with the "Lens Driver" project, it is recommended to have a look at the "Hello Optotune Lens" program first
- This project is created in Labview 2013 SP1
- The project is a Labview implementation of Optotune's Lens Driver software
- All Labview functions that are needed are included in the basic Labview package
- Communication is done via standard VISA port
- Contact <u>sales@optotune.com</u> for technical support



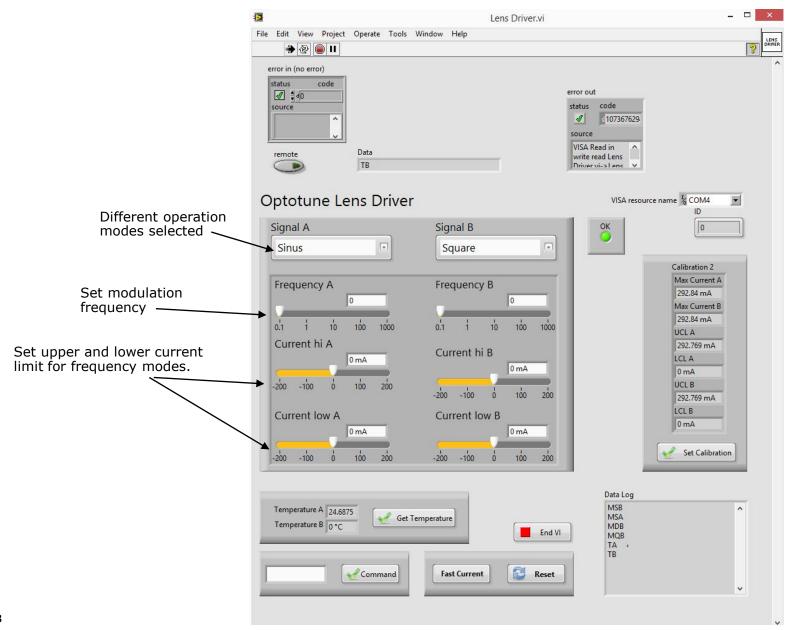
Front Panel





Front Panel







Code



- The code contains the implementation of most of the serial commands
- Complete serial communication protocol can be obtained from Optotune
- "Write Read Lens Driver" vi implements communication at basic level
- Command list sent to Lens Driver only takes into account the values that have changed during run time
- This minimizes the required resources
- More detailed documentation is given directly in the code

