



CLC-USB

Canon Lens Controller

USB Powered with Iris and Focus Control



The CLC-USB is a USB powered lens controller compatible with Canon EF series lenses. The CLC-USB controller allows serial control of both focus and iris and is available in optical modules for the illunis CMV family of cameras.

The CLC-USB lens controller includes nearly 200 Canon lenses in its internal data base and can operate as a stand-alone device powered through a USB port or as an I2C controller. The CLC-USB lens controller can dynamically detect lens attachment and removal as well as identify the lens name, focus, iris and zoom information. The CLC-USB controller is available as an OEM module for integration into any optical system requiring focus or iris control of Canon lenses.

CLC-USB HIGHLIGHTS

- ✓ Compatible with Canon EF, EF-S, EF-M, CN-E, TS, MP Lenses
- ✓ Iris detection and control in 1/8 F-Stop increments
- ✓ Focus detection and control at lens encoder increments
- ✓ Low power USB 2.0 device that communicates through a virtual COM port
- ✓ Internal EEPROM available to the user
- ✓ Field-updatable firmware and Built In Test (BIT)
- ✓ Human-readable command set
- ✓ Machined CNC lens mount or OEM "puck"
- ✓ USB type C connector with built in overvoltage protection
- ✓ Sample Windows lens control application and SDK
- ✓ Large internal database of lens types

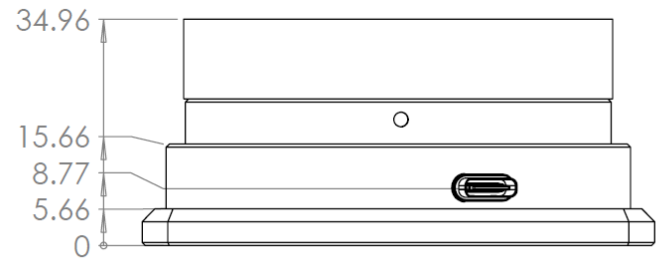
CLC-USB SPECIFICATIONS

Compatibility	Canon EF Lens or 3rd party EF lens
Iris Range	Read from lens, controllable in 1/8 F-stop increments
Focus Range	Read from lens, controllable in lens encoder increments
Power	USB powered (<100mA)
USB Compatibility	Type-C connector
USB Driver	FTDI VCP Drivers Windows, Mac, Linux
User Interface	Serial COM port at 56, 700 baud
OEM Interface	Optional internal I2C, 5V
Camera Interfaces	CMV, OEM
Overvoltage Protection	Yes
Lens Mount	Authentic Canon 12mm adapter
Custom Mounts	Available

SOFTWARE

The CLC-USB Canon Lens Controller comes with our free lens control software, which allows interactive focus and iris adjustment.

DIMENSIONS



APPLICATIONS

- ✓ DIGITAL IMAGING
- ✓ INSPECTION
- ✓ ELIMINATE 'Z' FOCUS STAGE IN INSPECTION APPLICATIONS
- ✓ IMPLEMENT AUTO-FOCUS IN IMAGING APPLICATIONS

Get in Touch

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