

EF Lens Control



EF Lens Controller

Control Box: LC-2

Lens Adapters: LC-2A-

Add EF/EF-S lens control to any camera. The EF Lens Controller is designed to operate the motorized features of most Canon® (USM), Sigma® (HSM) and select Tamron® (USD) EF/EF-S lenses including L series and both APS-C and full-frame models with and without image stabilization. A control box (LC-2) houses the control board and an Ethernet interface allowing the device to be operated over long distances. A separate adapter (LC-2A-) connects the lens to the control box via a cable and locking connector.



SPECIFICATIONS

AC Power Input (Using Supplied Wall Adapter)	100-240 V, 50-60Hz
DC Input	6.5-28VDC, (10W Consumption)
Operating Temperature	2-60 °C
Interface	10/100 Mbps Ethernet
Lens Adapter	c, M42, T, M58 (customization available)
Lens inputs	1
Presets	Programmable
Software	Windows GUI, TCP/IP API
ECCN	EAR99

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FEATURES

Accurate and repeatable control of Focus, and Aperture (Iris)

Read current zoom position (for zoom lens)

Image stabilization control (IS for Canon®, OS for Sigma® and VC for Tamron®)



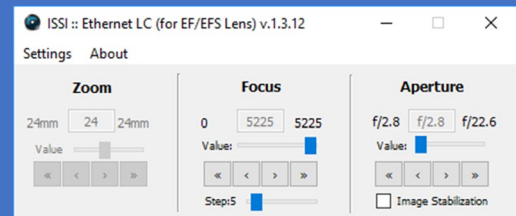
Auto-detection of attached lens and F-number stops with included lens adapter

Lens drift compensation

10/100 Mbps Ethernet Interface

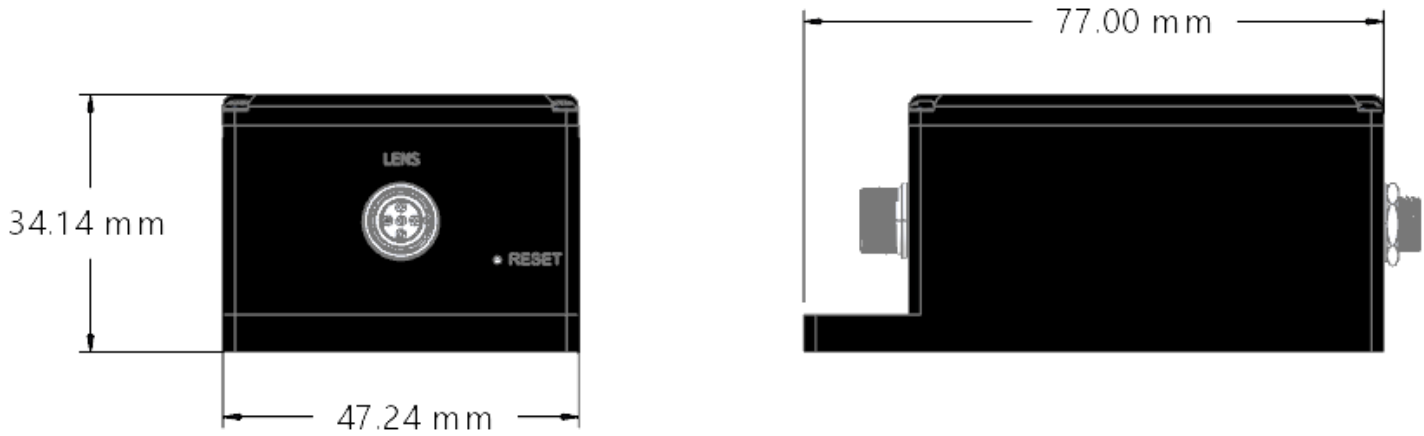
Simple software interface, ASCII-based API commands for integration with LabView & Python

Programmable preset capability to easily store and recall saved focus/aperture positions on the lens

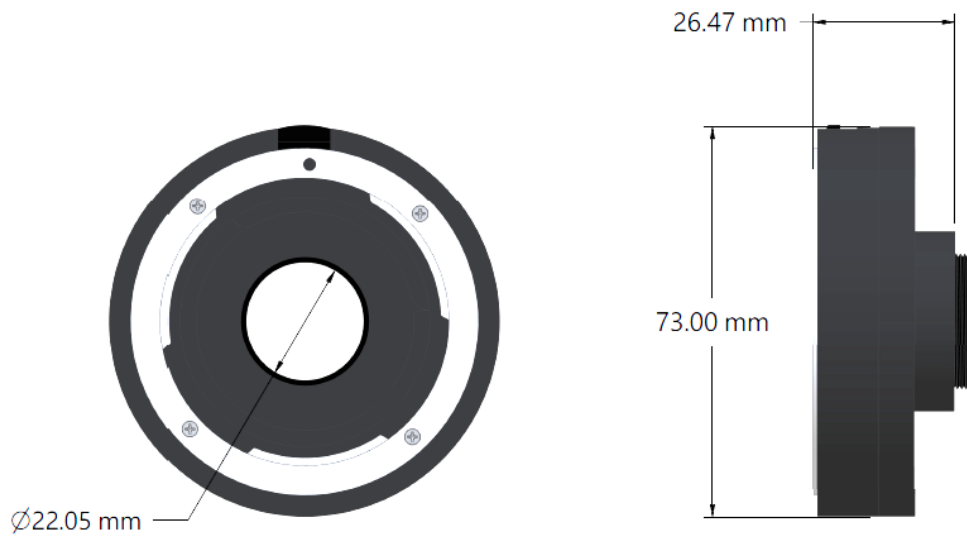


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EF Lens Control



Control Box (LC-2)



Lens Adapter (LC-2A-C)

(See separate PDFs for other adapter dimensions)

Model No.	Camera Interface	Optical Thickness (mm)	Camera Back Focal Distance (mm)
LC-2A-C	C-mount	26.47	17.53
LC-2A-M42	M42x1.0	32.00	12.00
LC-2A-T	M42x0.75 (T)	26.50	17.50
LC-2A-T18	M42x0.75 (T)	18.00	26.00
LC-2A-WX	M42x0.75 (T)	29.40	14.60
LC-2A-M58-75	M58x0.75	32.00	12.00