



## EasyFlux WebS

EasyFlux Web Software, Self-Hosted



## Fully Corrected Fluxes

Self-hosted software tool that monitors fully corrected fluxes of CO<sub>2</sub>, latent and sensible heat, and momentum

### Overview

Current Version: 2.01

EasyFlux<sup>®</sup> Web Self-Hosted is a web-based software tool for monitoring any Campbell Scientific data-logger-based system, including data loggers running EasyFlux<sup>®</sup> DL. EasyFlux<sup>®</sup> Web Self-Hosted is a user-installed version of EasyFlux<sup>®</sup> Web that allows users the ability to install on their own server and control updates of the software themselves. Monitoring a network of Campbell Scientific data-logger-based systems is

made easy with real-time data monitoring, customizable alerts, and data download capabilities. EasyFlux<sup>®</sup> Web is compatible with all Campbell Scientific data-logger-based stations.

#### Updates in Version 2.01

The updated EasyFlux<sup>®</sup> Web 2.01 includes new benefits and features to enhance the user experience. EasyFlux<sup>®</sup> Web 2.01 now provides the ability to monitor live video cameras.

### Benefits and Features

- › Custom alerts with email notification
- › Monitor flux instruments and energy balance-sensors to plan site visits more effectively
- › Quickly reference metadata for each station
- › Remotely download data
- › Map view of all stations in network with quick view of critical data and alerts available on PC, tablet, or smartphone device
- › Flexible product offering with ability to purchase a local copy or a subscription cloud-based plan
- › Administrator choices on read/write abilities of users
- › Field camera integration
- › Import old data files
- › Supports Oracle and Postgres databases
- › Translation Utility to view EasyFlux<sup>®</sup> Web in language of choice
- › Fully compatible with EasyFlux<sup>®</sup> DL series
- › Live video camera monitoring

### Detailed Description

EasyFlux<sup>®</sup> Web is a web-based multi-user software system used for monitoring Internet-connected Campbell Scientific eddy-

covariance stations. EasyFlux<sup>®</sup> Web functions with a Campbell

Scientific data logger running the EasyFlux<sup>®</sup> DL program.

After adding your stations, you can graphically monitor data including QA/QC values, download data, compare data between stations, and set up alerts to notify you by email of data values outside of user-entered thresholds.

An administrator can set up user accounts and control the permissions of each user.

There are two installation options for EasyFlux<sup>®</sup> Web:

1. **EasyFlux<sup>®</sup> Web Self-Hosted:** You can install the software directly on your server. When installing the software on your server, the installation process will also install SQL Server Express. EasyFlux<sup>®</sup> Web is then accessed by typing the IP address of the server into a web browser.
2. **EasyFlux<sup>®</sup> Web Campbell Scientific, Inc.-Hosted:** Campbell Scientific can install the software and automatically update it for you in an Azure-based environment, as well as provide you with a link to access the software.

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## Specifications

Current Version	2.01
Operating System	Windows 8.1 or newer and Windows Server 2012 R2 or newer (64-bit only)

Requirements	<ul style="list-style-type: none"><li>› 10 GB of hard-disk space</li><li>› 4 GB RAM</li><li>› 2.0 GHz or faster processor</li><li>› X64 processors only</li></ul>
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For comprehensive details, visit: [www.campbellsci.com/easyflux-webs](http://www.campbellsci.com/easyflux-webs) 



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