



EasyFlux WebS

EasyFlux Web Software, Self-Hosted



Fully Corrected Fluxes

Self-hosted software tool that monitors fully corrected fluxes of CO₂, latent and sensible heat, and momentum

Overview

EasyFlux™ Web Self-Hosted is a web-based software tool for monitoring CR6- and CR3000-based Campbell Scientific, Inc. eddy-covariance systems. EasyFlux™ Web Self-Hosted is a user-installed version of EasyFlux™ Web that allows users the ability to install on their own server and control updates of the

software themselves. Monitoring a network of eddy-covariance systems is made easy with real-time data monitoring, customizable alerts, and data download capabilities. EasyFlux™ Web is compatible with open- and closed-path eddy-covariance systems.

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
- › Fully compatible with EasyFlux™ DL series for CR6 dataloggers

Detailed Description

EasyFlux™ Web is a web-based multi-user software system used for monitoring Internet-connected Campbell Scientific eddy-covariance stations.

EasyFlux™ Web functions with a Campbell Scientific [CR6 Measurement and Control Datalogger](#) running either the EasyFlux-CR6OP program for open-path eddy-covariance systems or the EasyFlux-CR6CP program for closed-path eddy-

covariance systems, or with a [CR3000 Micrologger](#)® running the EasyFlux™ DL program for open-path eddy-covariance systems. When a station is added, EasyFlux™ Web automatically pulls station information available from the program running in the datalogger (ecosystem, latitude, and longitude).

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™ Web:

1. **EasyFlux™ 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™ Web is then accessed by typing the IP address of the server into a web browser.

2. **EasyFlux™ 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.

For comprehensive details, visit: www.campbellsci.com.au/easyflux-webs 



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