

# **Fuelink Installation and Operation Manual**

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**DD1430398**  
**Product 1478**  
**Rev 0-16 September 2008**

## **DAKTRONICS, INC.**

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**Fuelink Installation and Operation Manual**

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- 1) This page is for reproduction reference only and will not be included in the manual.
- 2) This manual is to be copied on FRONT AND BACK PAGES -8 ½ x 11 paper.  
**Note:** The first page, Cover Page, uses the front of the page (blank on back). Section heading pages always start on a new page; they never start on the back of another page.
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# Introduction

## Minimum System Requirements

- Computer running Windows<sup>®</sup> 2000, XP, or Vista with the most current updates installed, 32-bit versions only.
- Pentium II processor, 400 MHz or higher
- 128 MB RAM or higher
- 50 MB free hard disk space
- Microsoft<sup>®</sup> Internet Explorer 6.0 or higher
- .NET Framework 2.0
- Mouse or other compatible pointing device
- Supported communication device (serial port, modem, or Ethernet Network)
- CD-Rom
- One or more Fuelink-compatible displays installed

## Help

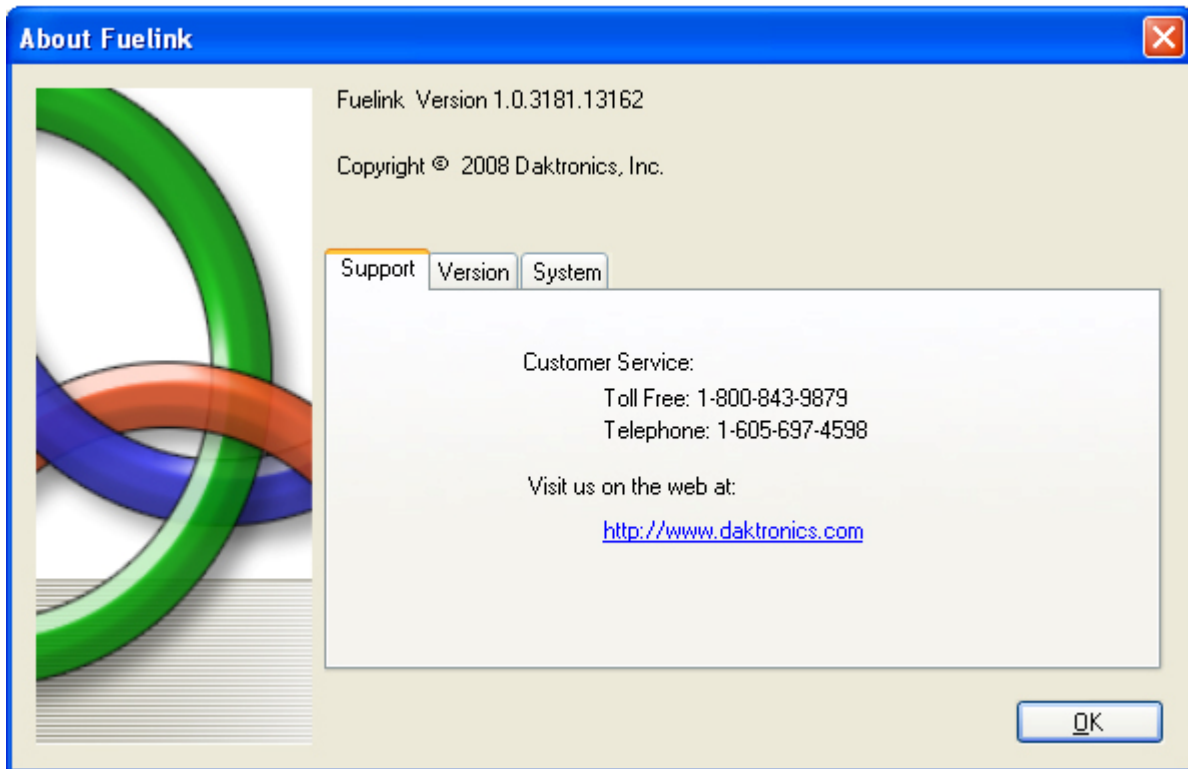
**Help** is available from the drop-down menu on the Fuelink main window. **Help** contains two options, **Content** and **About**.

### Content

Click **Content** to access the **Content Help** window.

### About

Access the **About** dialog box from the **Help** drop-down menu. The Fuelink **About** box contains information about the software, including software version, and Daktronics contact information. Click the tabs to view information for each item.





## Software Conventions

<b>Bold</b>	Important items, items visible on the screen or within a menu (these do not require direct action), and items that require direct action, such as clicking, pressing, selecting or formatting. Manual reference items, such as another section.
<b>[X]</b>	A keyboard key that must be pressed.
"Quotes"	Items that must be typed.
Click	Press and release the left mouse button
Double-click	Press and release the left mouse button twice and quick succession.
Right-click	Press and release the right mouse button.
Drag	Move the pointer on an item, hold down the left mouse button, slide the pointer to a new location and release the button.
Highlight	Select something by clicking or dragging with the mouse. Once selected, an item usually turns a different color or is outlined.
Select	Click the left mouse button over text
>	Followed by (ex. Click <b>Edit&gt;Displays&gt;Remove</b> ).

Many Fuelink software options can be accessed with the keyboard as well as the mouse. Where applicable, both mouse and keyboard actions are given for a command. Many screen buttons have labels which have a letter underlined. Pressing the key on the keyboard that correlates with the underlined letter will activate that particular button. To activate secondary buttons, press the underlined key while holding the [Shift] key. To activate menu bar items from the keyboard, press the underlined key while holding [Alt].

## **Contacting Daktronics**

**Mail:**

Daktronics Customer Service  
201 Daktronics Drive  
Box 5128  
Brookings, SD 57006

**Customer Service:**

800-843-9879 or 605-697-4598

**Website:**

[www.daktronics.com](http://www.daktronics.com)

# Getting Started

## Software Installation

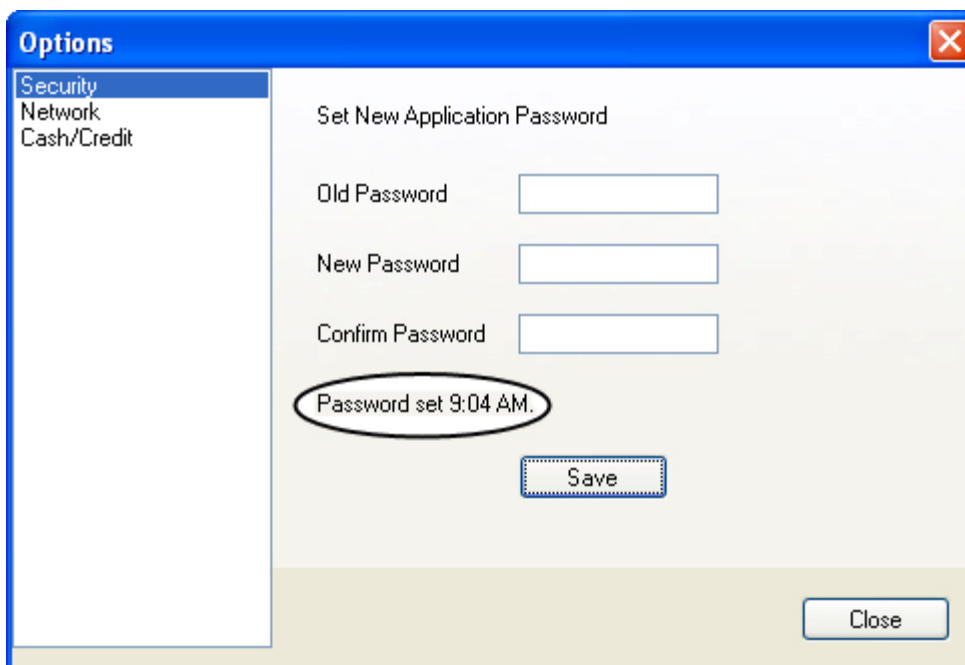
1. Install Fuelink software to a hard disk before use.
2. Place the Fuelink installation CD into the CD-ROM (presume D:).
3. Installation should begin automatically within a few seconds. If it does not, click the **Start** button and select **Run** from the menu. Type "D:\CDStart.exe" and press **Enter**.
4. Follow the instructions on the screen. SETUP will copy the necessary files to run Fuelink software to the hard disk and create Fuelink in the **Start** menu.

## Login

A password is not required to access Fuelink software. Establish a password by clicking **Edit>Options>Security**. Enter and confirm a password. Click **Save**.

Change the password in the same window by entering the old password followed by a new password. Confirm the new password and click **Save**.

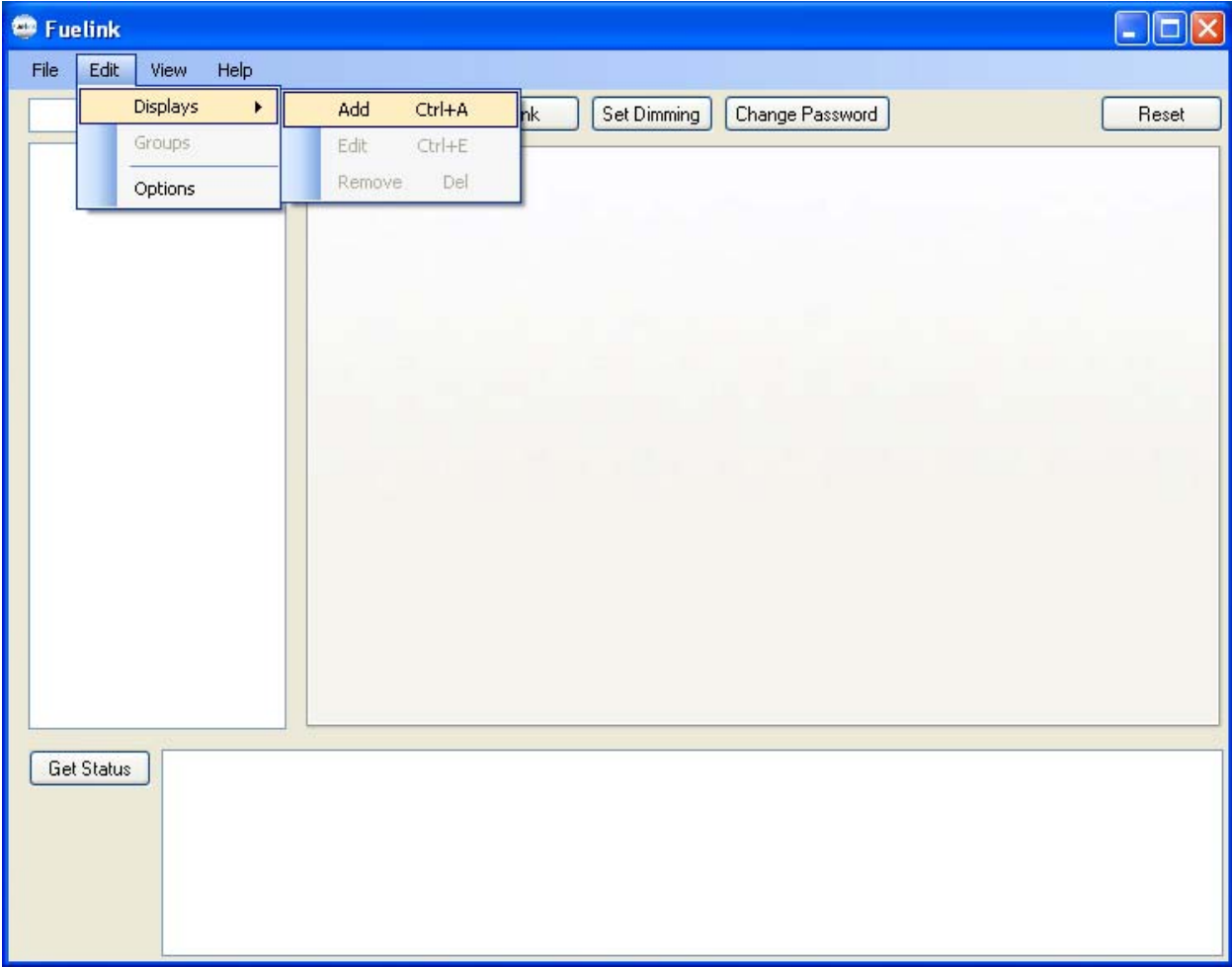
When the new password is confirmed, the software sends a message alerting you to the time the password was changed.





# Add a Display

Click **Edit>Displays>Add**.



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The Display Wizard opens.

Display Wizard - Configure Display Properties

< >

Set your display properties.

Display Name/Location: Main Street Station

Style: Gas Price (US)

Lines: 2

Faces: 1

Continue > Finish

Enter a name and location for the display in the **Display Name/Location** box. Give the display an easy to identify name. Select the display style—**Gas Price (US)**, **Gas Price (Intl.)** or **Cash/Credit**—from the drop-down menu.

Select the number of lines on the display from the **Lines** drop-down menu and the number of faces from the **Faces** drop-down menu. Click **Continue**.

## Add a Display

**Note:** The **Cash/Credit** option alternately shows cash and credit payment prices. This display style limits the number of lines and faces to one or two.

Display Wizard - Configure Display Properties

< >

Set your display properties.

Display Name/Location: Brewster Place Station

Style: Cash/Credit

Lines: 2

Faces: 1, 2

Continue >

## Fuelink Installation and Operation Manual

Select the Communication Type.

- **Serial** requires you to select a **COM port**. Click **Continue**.

The screenshot shows a Windows-style dialog box titled "Display Wizard - Choose Communications". At the top right is a close button (X). Below the title bar are two navigation buttons: a left-pointing arrow and a right-pointing arrow. The main area contains the text "Select the display communication method." followed by two dropdown menus. The first dropdown is labeled "Type" and has "Serial" selected. The second dropdown is labeled "Ports" and has "COM1" selected. At the bottom right of the dialog is a "Continue >" button.



## Add a Display

- **TCP/IP** requires an **IP/DNS** address. Select a **Port** or check mark **Default**. Click **Continue**.

Display Wizard - Choose Communications

Select the display communication method.

Type: TCP/IP

IP/DNS: 127.0.0.1

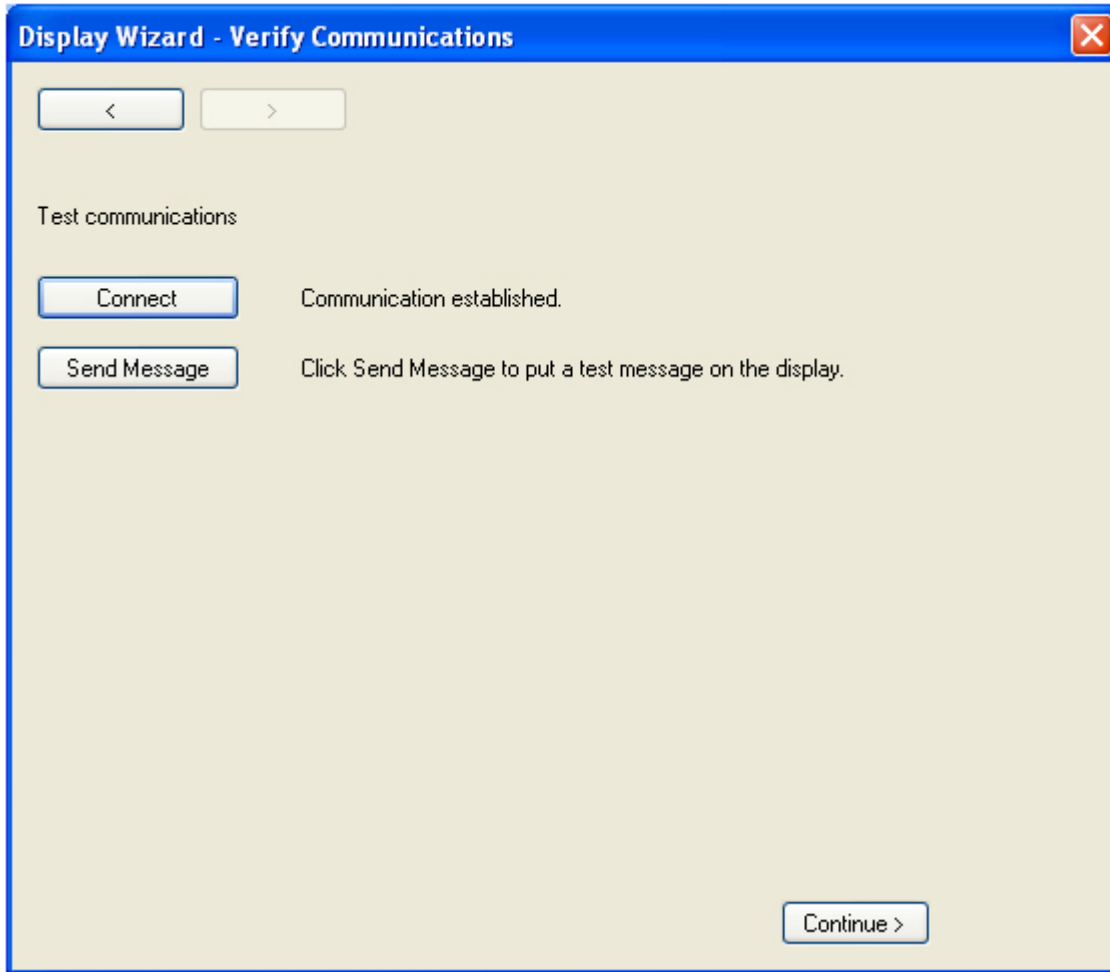
Port: 3001  Default

Continue >

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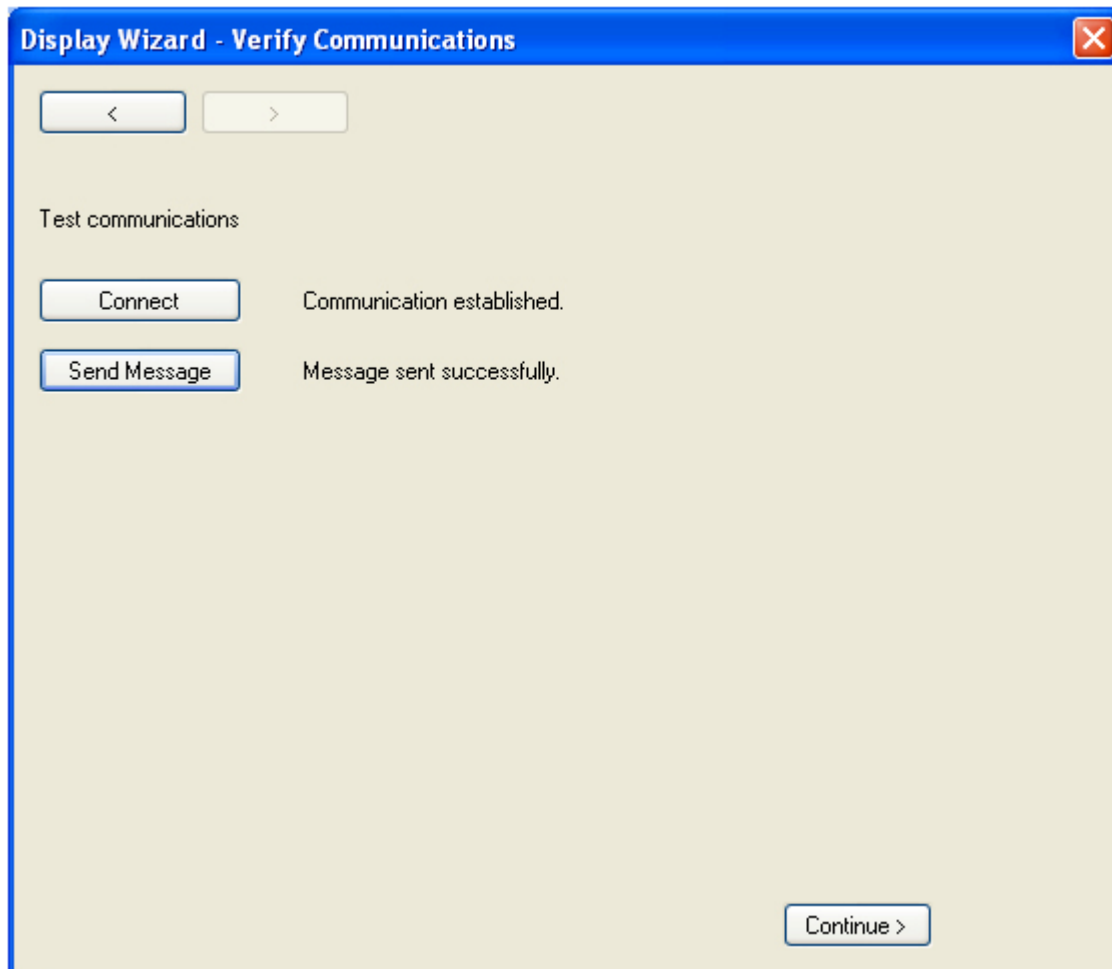
The software gives a message while trying to connect and a second message when it successfully establishes a connection with the display.



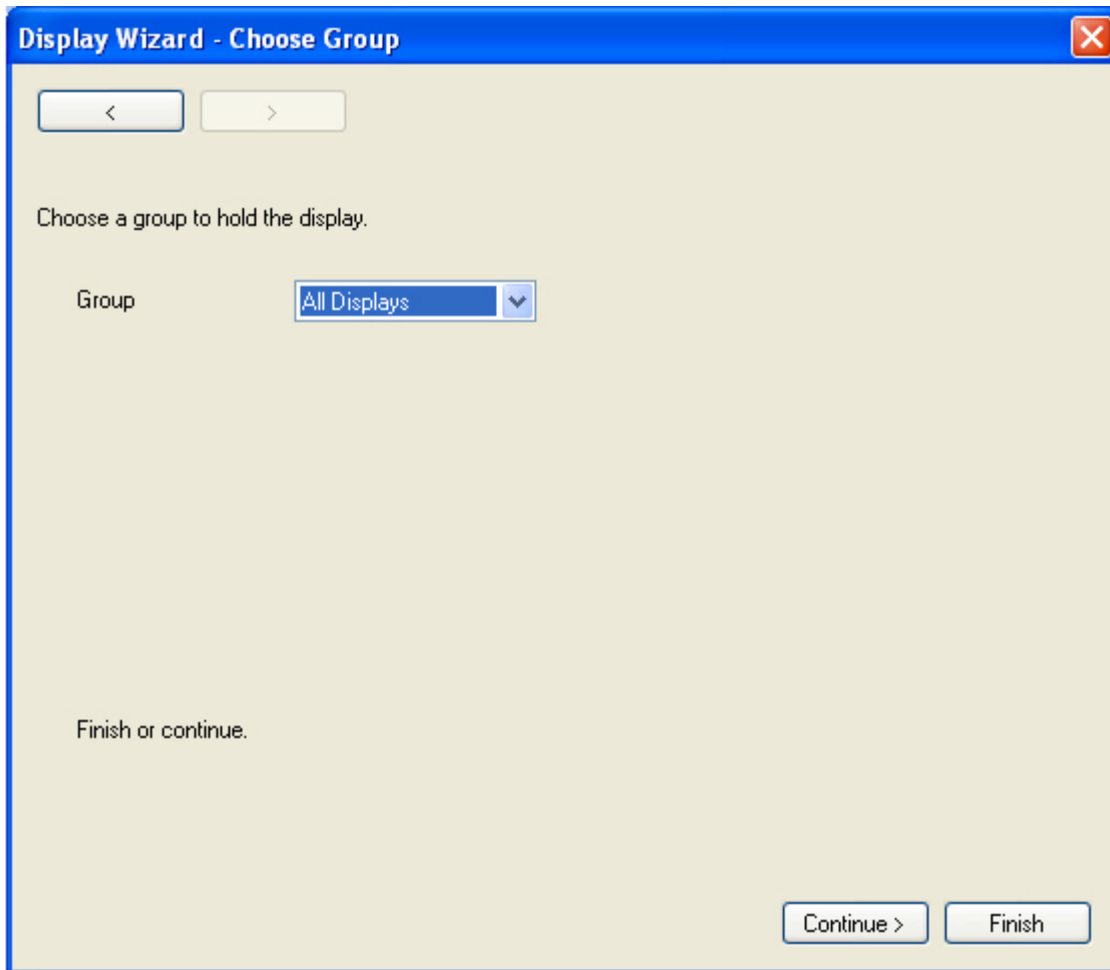


## Fuelink Installation and Operation Manual

After communication is successfully established, click the **Send Message** button to send a test message to the display. The software returns a message when the message is sent successfully. Click **Continue**.



Assign the display to a group from the **Group** drop-down menu.



Click **Finish** and the **Data Entry** screen opens.

## Fuelink Installation and Operation Manual

Or click **Continue** to change the appearance of the software's data entry window. Click **Finish**.

**Note:** All groups and displays are sorted based on the number of lines the display has. Each different group is listed in the [Display Line Selection](#) drop-down menu found on the left side of the Fuelink window.

Display Wizard - Choose Colors

< >

Optional: Choose display colors.

Line 1

Label Text: Line 1

Label Text Color: [dropdown]

Label Background: [blue swatch]

LED Color: [red swatch]

Line 2

Label Text: Line 2

Label Text Color: [dropdown]

Label Background: [blue swatch]

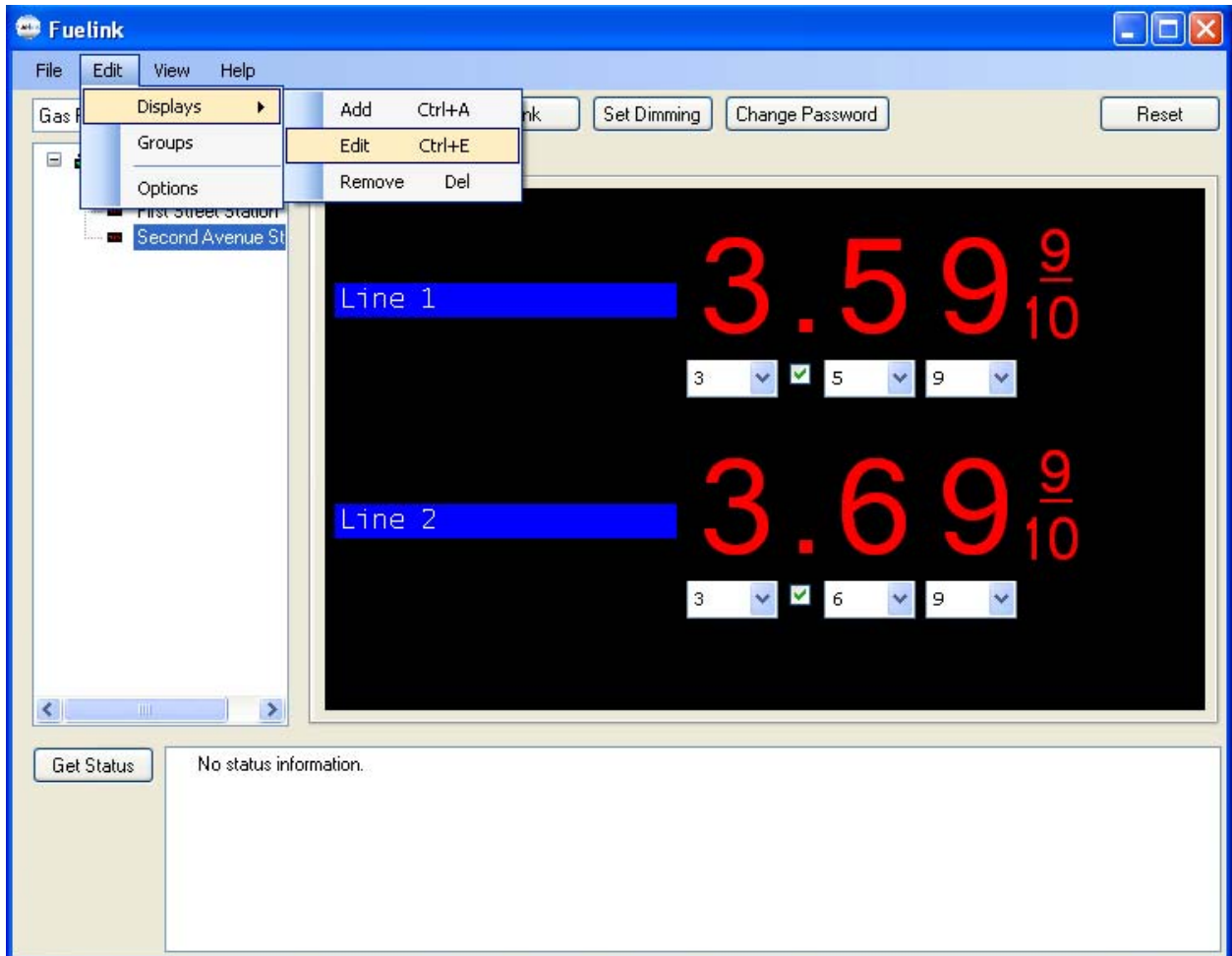
LED Color: [red swatch]

Continue > Finish

**Note:** Changing these settings will not change the appearance of data on the display.

## Edit a Display

Select the display you want to edit from the list at the left of the Fuelink window. Click **Edit>Displays>Edit**.



The Display Wizard opens.

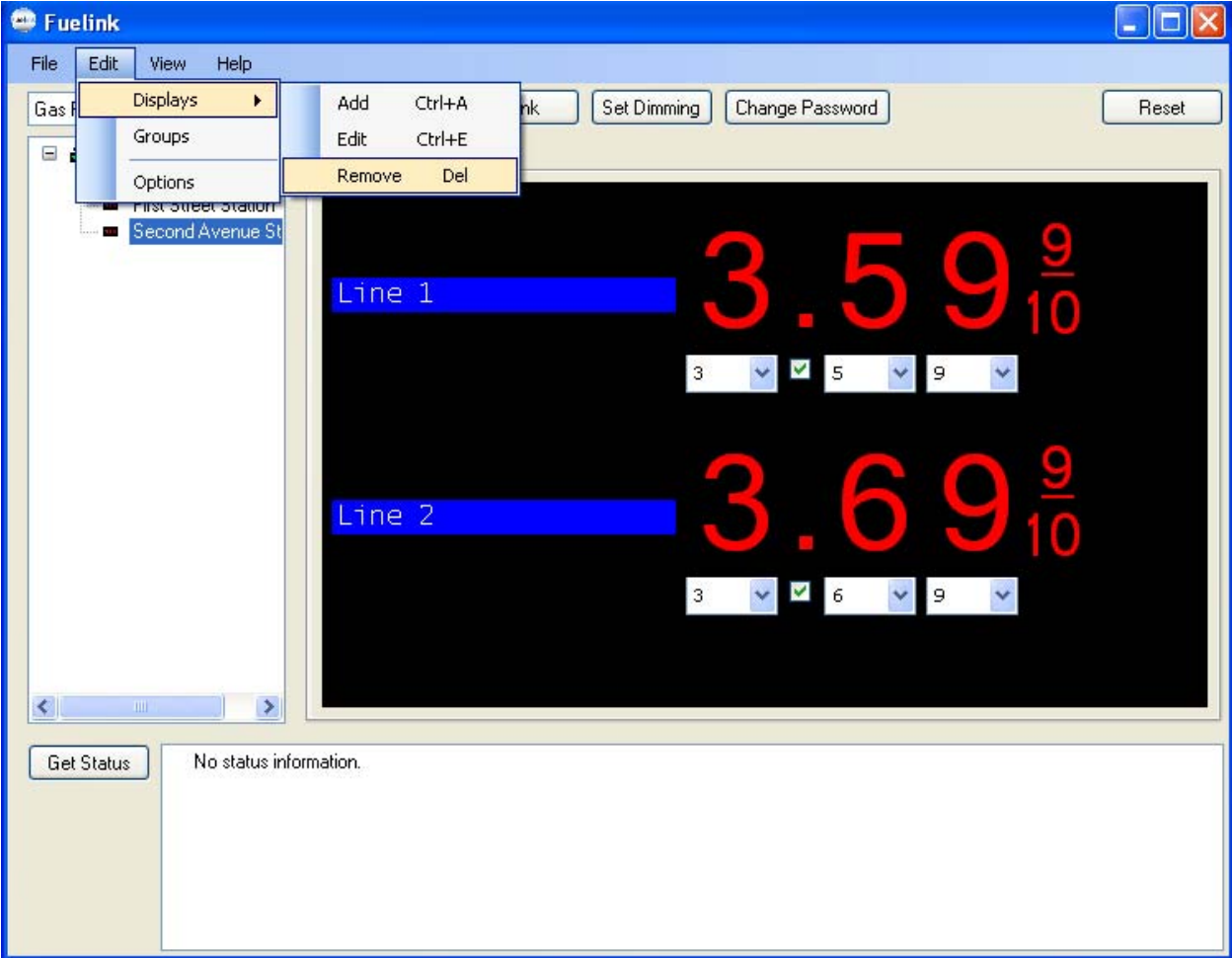
The steps to edit a display are the same as those used to [Add a Display](#).



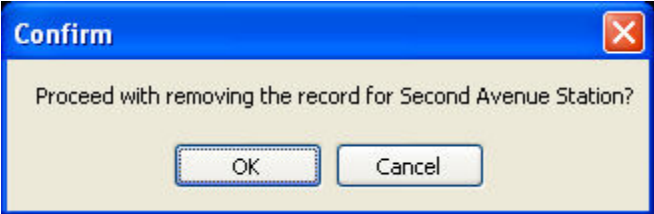


# Remove a Display

Select the display you want to remove and click **Edit>Displays>Remove**.



Confirm removing the display by clicking **OK** or cancel the command.





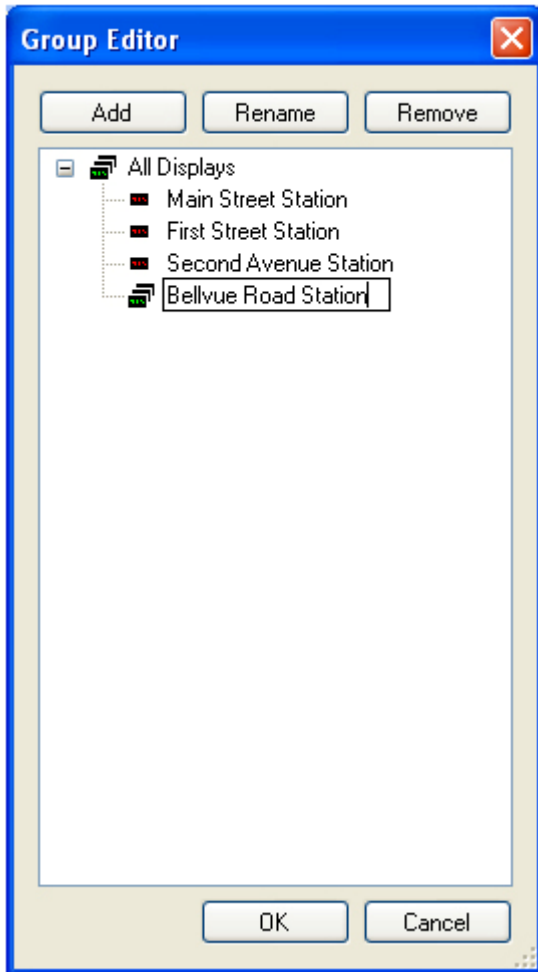
# Groups

Click **Edit>Groups**.



## Add a Group

Add a Group by clicking the **Add** button. Give the new group a name in the **Groups** window and click **OK**.



## Rename a Group

Select the group you want to rename. Enter a new name and click **OK**.

## Remove a Group

Select the group you want to remove, click **Remove** and **OK**.

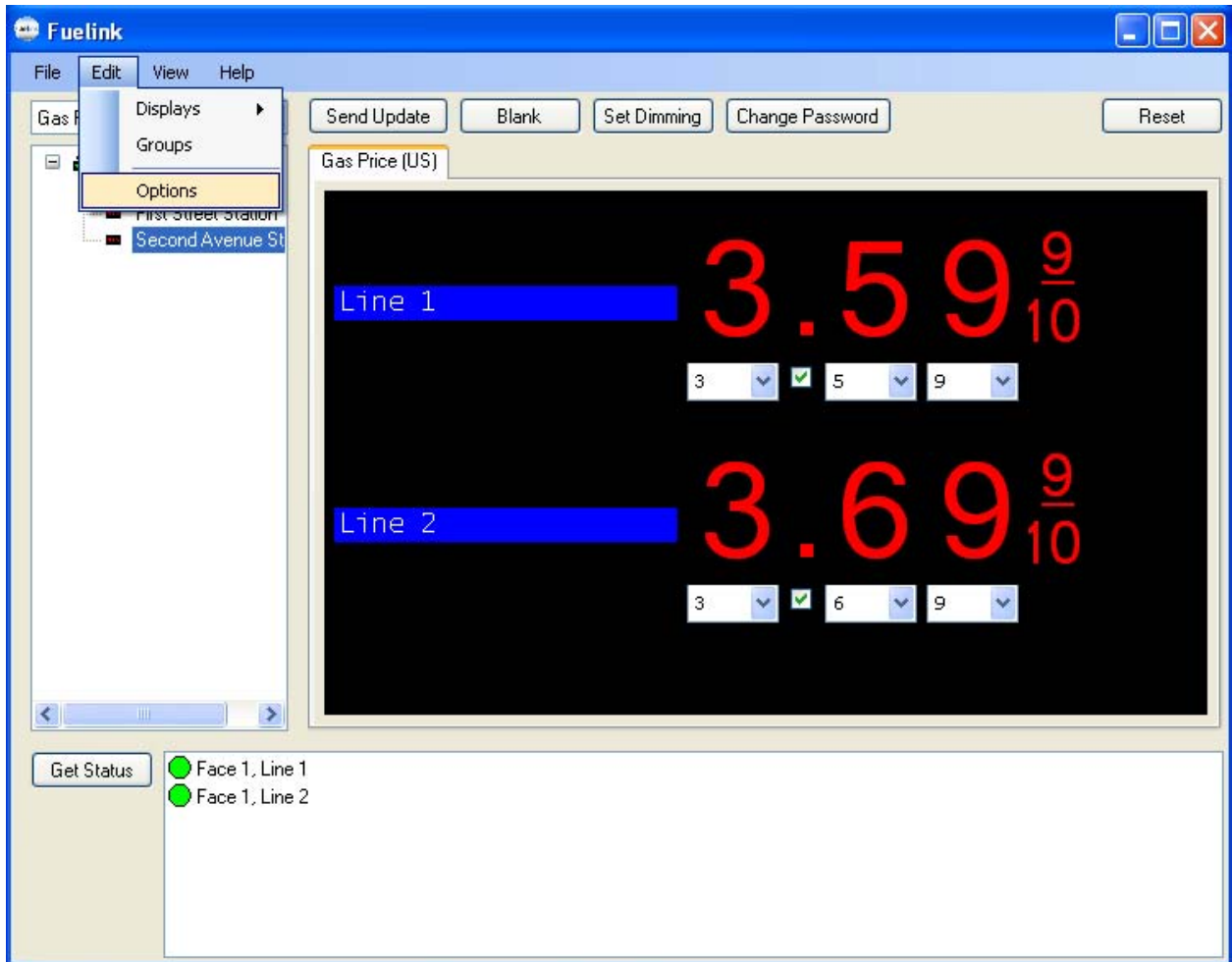
## Move Displays to a New Group

Select the display you want to move and drag and drop it into a new group.

# Options

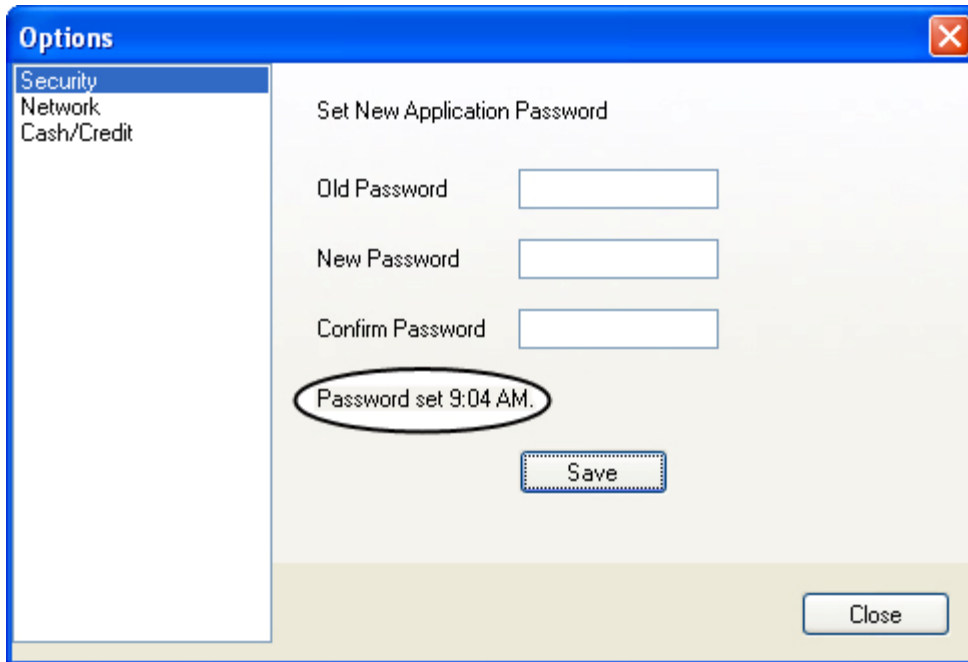
In the **Options** area, you can change the password and network options.

Click **Edit>Options**.



## New Password

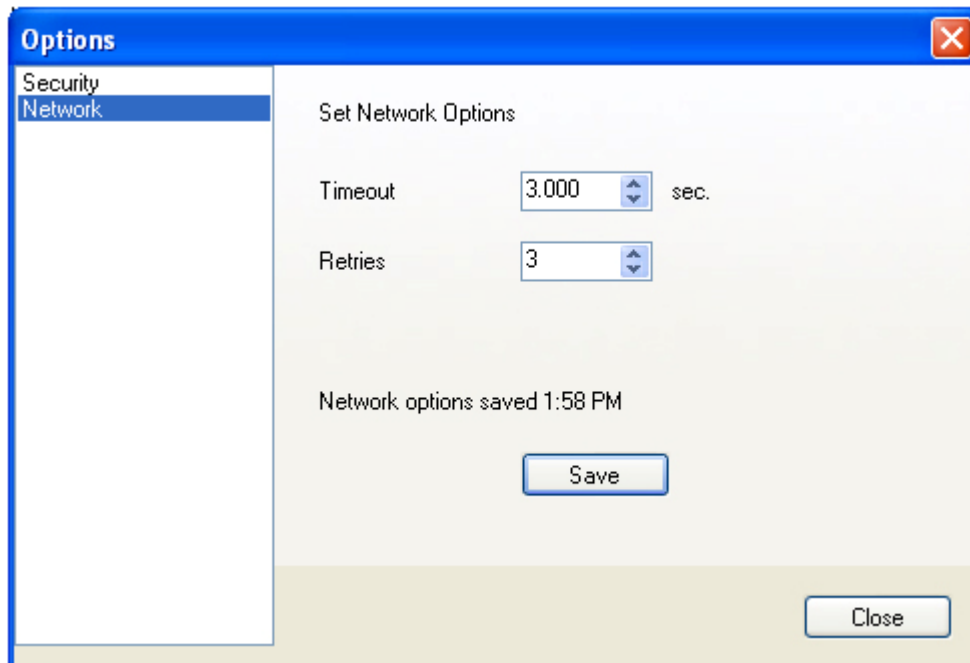
Change the password by entering the old password, a new password and confirming the new password. Click **Save**. Fuelink software returns a message telling you when the password was successfully changed.



## Network Options

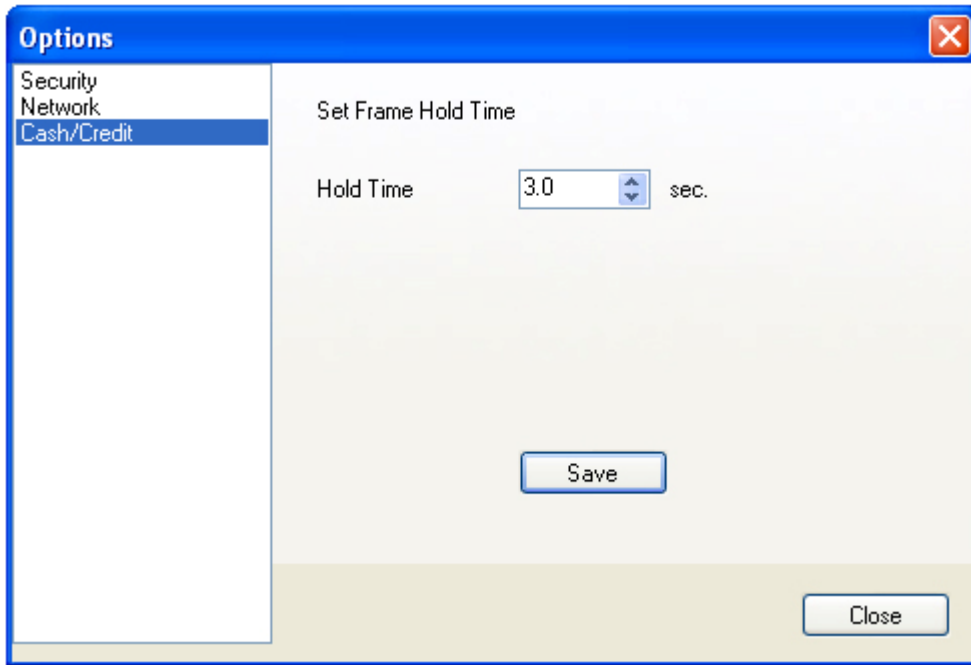
Change the length of time Fuelink software attempts to connect to a display before timing out by clicking the up and down arrows on the right side of the **Timeout** box.

Change the number of times the software tries to connect with a display using the up and down arrows on the right side of the **Retries** box. Click **Save**. Fuelink software returns a confirmation message when new options are saved. Click **Close**.



## Cash/Credit

Change the length of time each payment type price remains on the display before switching to the alternate payment price by clicking the up and down arrows on the right side of the **Hold Time** box. Click **Save**.





## Activity Log

Click the **View** tab at the top of the Fuelink software window. Select **Activity Log**.

The Activity Log details each change to the display or action sent to the display. New commands appear at the top of the **Activity Log** window.



Close the **Activity Log** window by deselecting it under the **View** tab.



## Send Update

Enter data using the drop-down boxes below each placeholder.

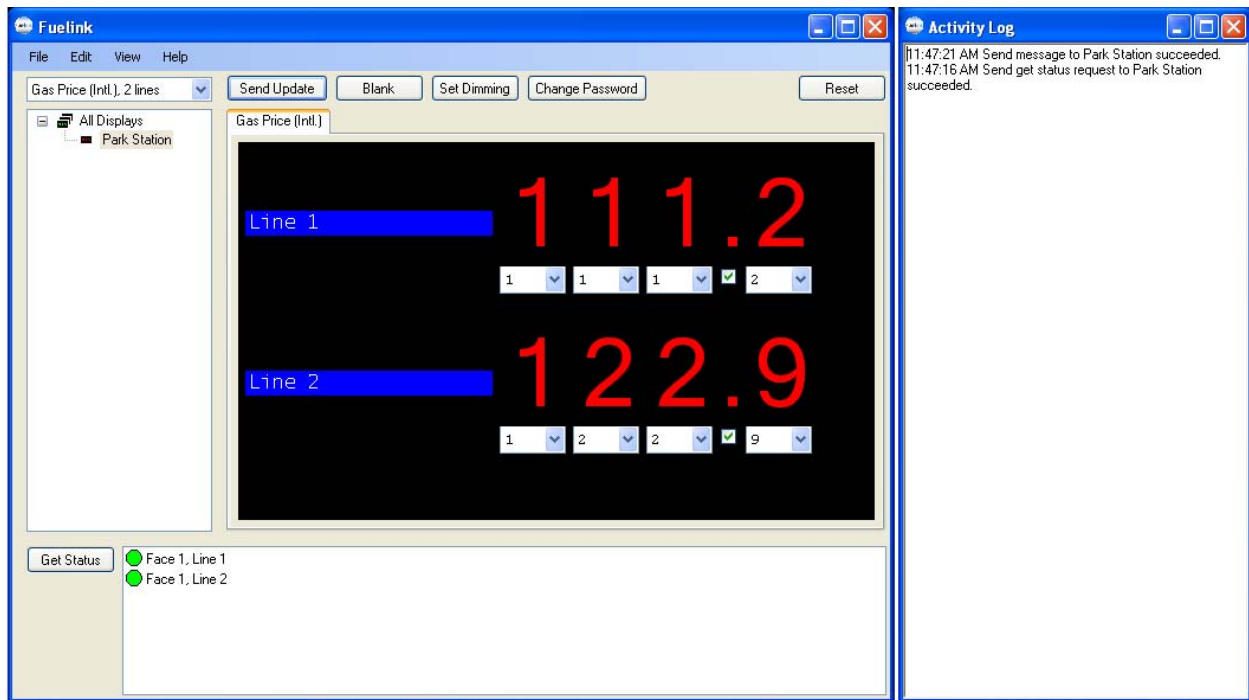
Place a check mark in the box below the decimal point to make it visible.

Select a display or a group and click the **Send Update** button to send updated information to the display or group. Update status is shown in the **Activity Log**.

### Gas Price (US)



## Gas Price (Intl.)



## Cash/Credit



# Display Line Selection

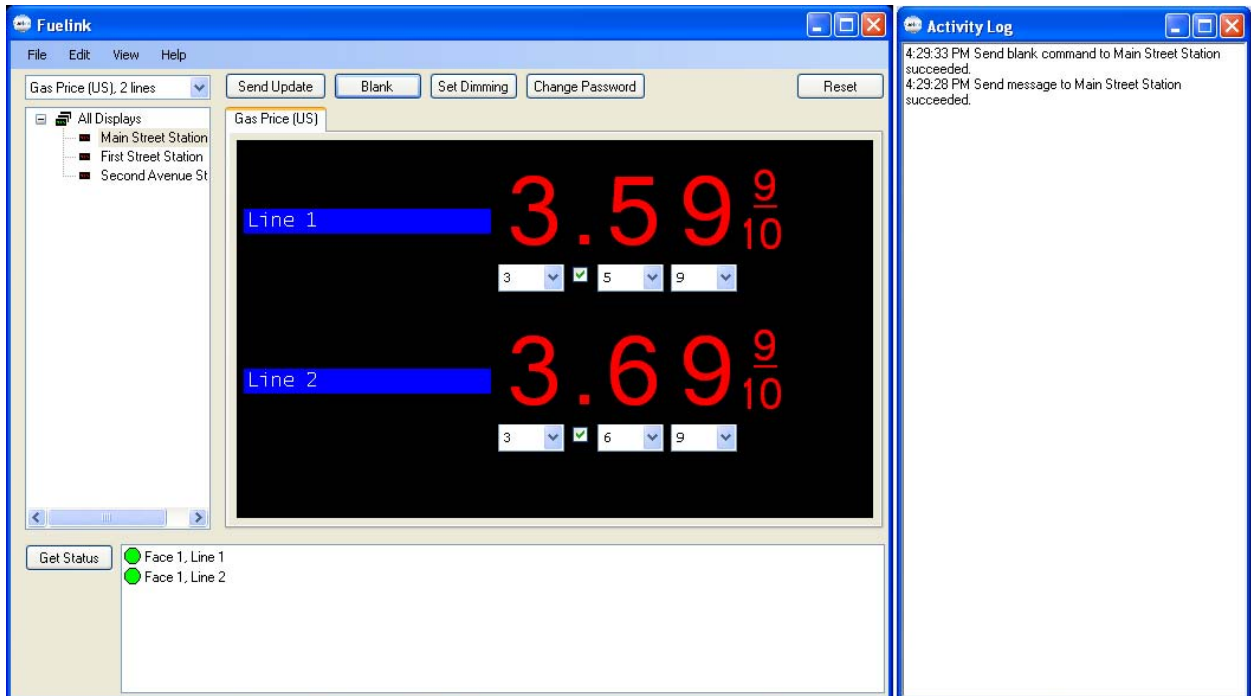
All groups and displays are sorted based on the number of lines the display has. Each different group is listed in the **Display Line Selection** drop-down menu. Only displays matching the selection you make in the **Display Line Selection** drop-down menu are shown in the pane on the left side of the Fuelink software window.





# Blank

Select the display or group you want to send a blank command to and click the **Blank** button. Status is shown in the **Activity Log**.

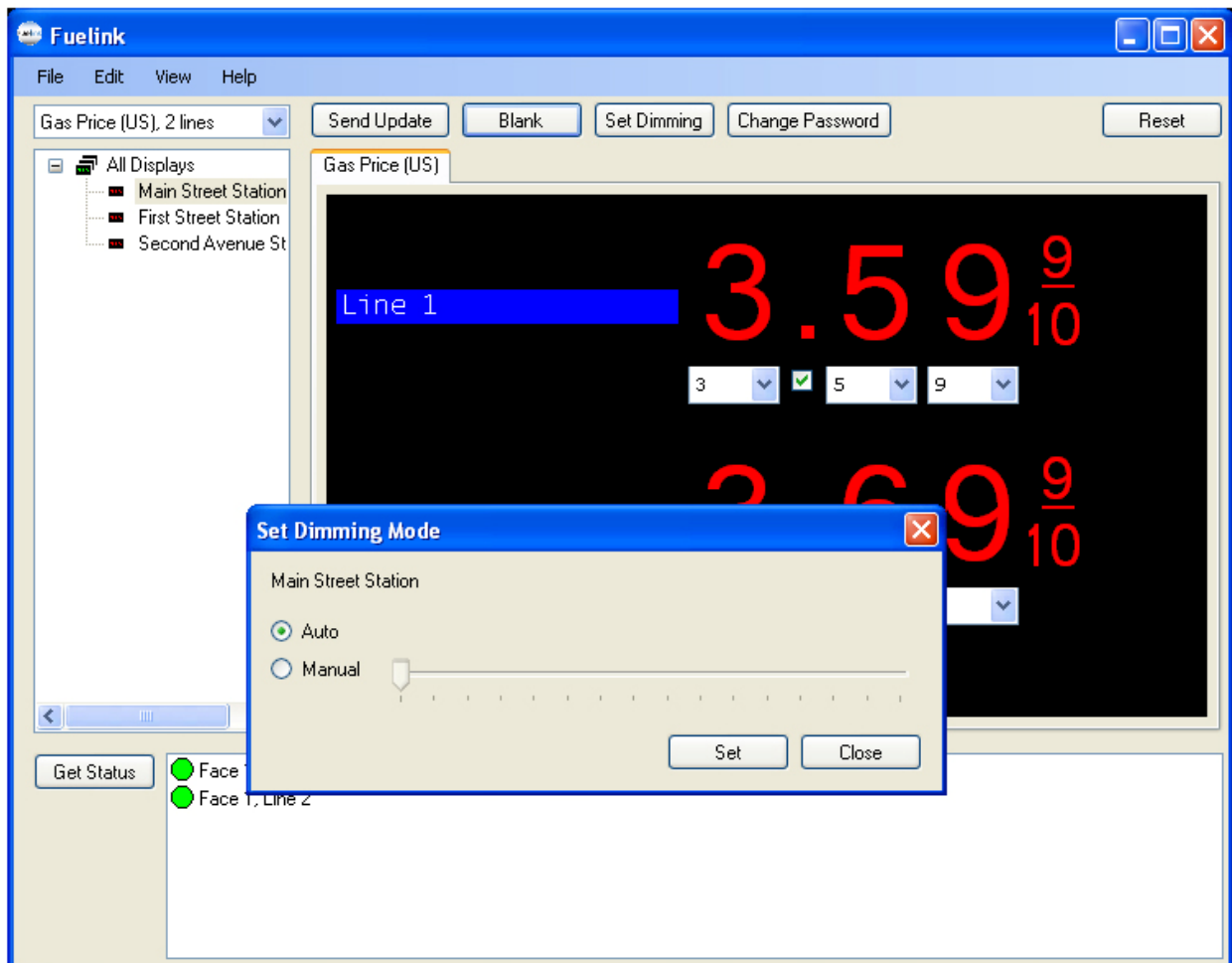


## Set Dimming

**Dimming** can be set to automatically adjust using a photocell or it can be adjusted manually.

**Note:** In most cases, automatic dimming should be used.

- **Automatic** is the recommended setting, but can only be used with displays that have an external light sensor installed at the display site. The display's dimming level adjusts automatically based on readings from this light sensor.
- **Manual** dimming control allows you to adjust the intensity of the display using the slider bar.





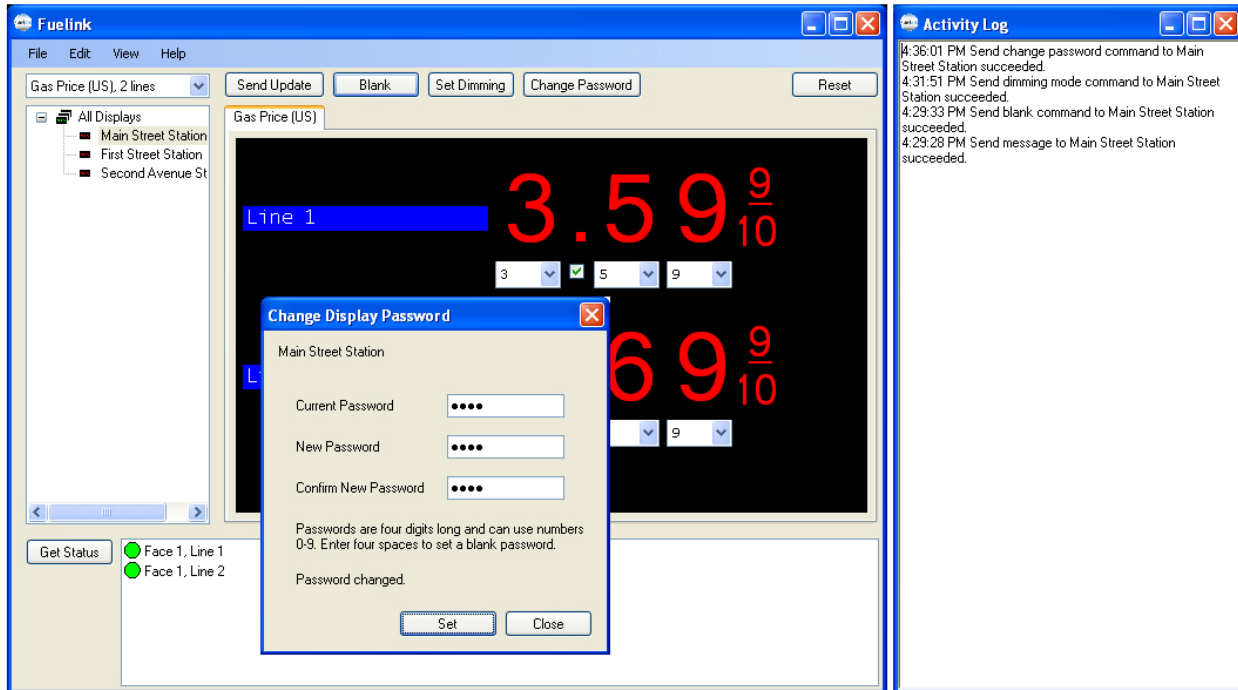
## Fuelink Window Buttons

Click **Set** then click **Close**. The new dimming settings are sent to the display and the action is posted in the **Activity Log**.



## Change Password

Click the **Change Password** button to change the controller's password. Enter the old password in the **Current Password** box or if no previous password exists, leave the Current Password box blank. Enter a new four-digit password and confirm the new password. Click **Set**. Fuelink software alerts you when the password is successfully changed and the action is posted in the **Activity Log**.



# Reset

Select the display or group you want to restart. Click the **Reset** button to restart the message shown on the display or the group. The action is posted in the **Activity Log**.



## Get Status

Select a display or a group and click the **Get Status** button, Fuelink software returns information about the display or group and the action is posted in the **Activity Log**.



# Exiting Fuelink

Click **File>Exit**. Fuelink closes.

