



LoggerLink

Mobile App for iOS®

Revision: 8/17

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Introduction

Please read the [End User License Agreement \(EULA\)](#).

LoggerLink for iOS is a simple yet powerful tool that lets you communicate directly with your IP-enabled CR1000X-series, CR6-series, CR3000, CR1000, CR800-series, CR300-series, and CR200-series dataloggers from your iOS device. The app lets you perform field maintenance tasks such as viewing and collecting data, setting the clock, and downloading programs.

Note: AT&T's default security settings do not allow mobile-to-mobile connections on the AT&T network. This affects connections from a mobile phone or tablet on the AT&T network attempting to connect to a cellular modem on the AT&T network. If your mobile device and cellular modem are both on the AT&T network, communications between LoggerLink and the datalogger cannot be established. This does not affect connections where the phone and/or the modem are on another network (for instance, a Verizon phone connecting to an AT&T cellular modem or vice versa, or a Verizon phone to Verizon cellular modem connection).

Requirements

LoggerLink for iOS runs on iOS 8.0 or greater.

Getting Started

When LoggerLink is launched, you can add new dataloggers by tapping the "+" button in the upper right corner of the screen.

Note: Your iOS device must be connected to a network through which you can reach your datalogger. If you are connecting through an ad hoc network, it may be necessary to disable cellular data on your iOS device.

Datalogger Setup

Depending on how your datalogger is connected to the Internet, you may be able to use the UDP or PB discovery buttons to set up your datalogger.

If your network supports UDP, simply tap the UDP discovery button  next to the TCP Address field. LoggerLink will return a list of PakBus dataloggers that it discovers. Tap a datalogger in the list to have its settings automatically filled in to the Datalogger Setup screen. After manually filling in any additional settings, tap the Save button to add the datalogger.

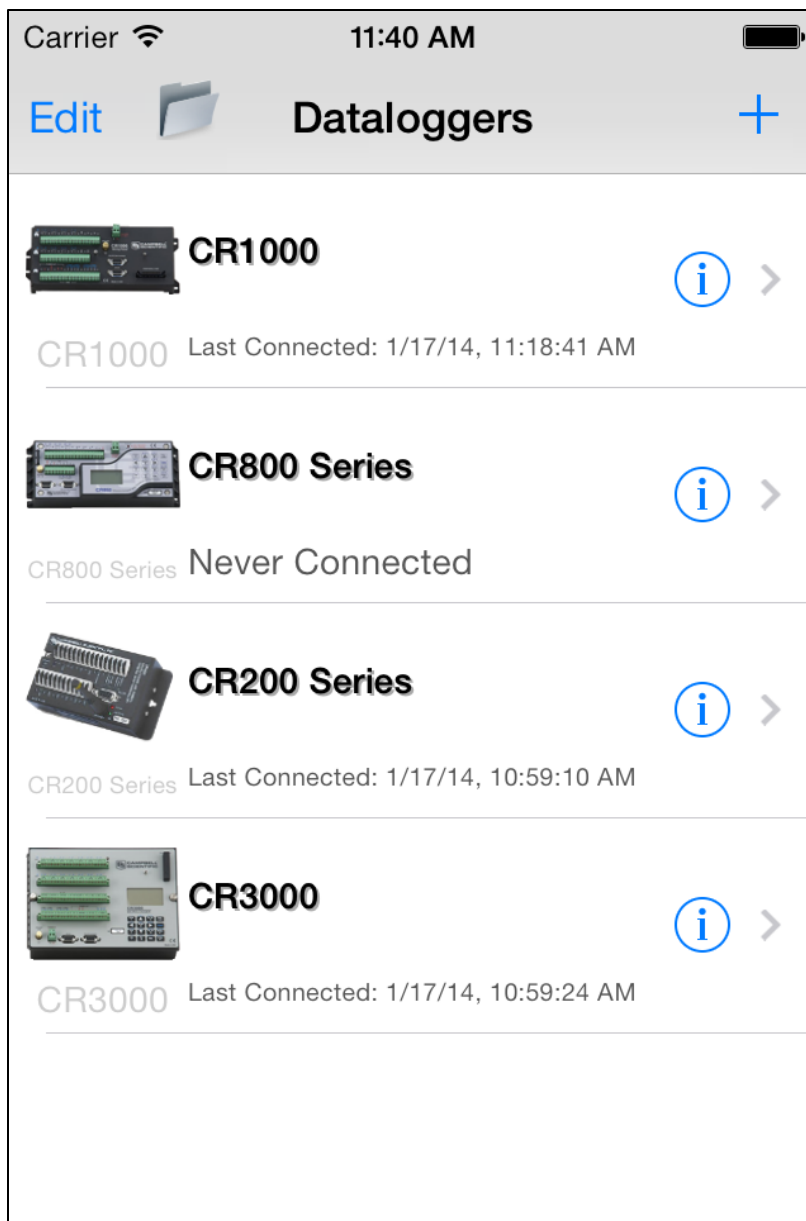
If your network does not support UDP, you may be able to use the PakBus discovery button  to set up your dataloggers. Simply type in the IP Address and Port, and then tap the PB discovery button next to the PakBus Address field. LoggerLink will return a list of PakBus dataloggers that are reachable from that IP address. Tap a datalogger in the list to have its settings

automatically filled in to the Datalogger Setup screen. After manually filling in any additional settings, tap the Save button to add the datalogger.

If you are not able to use UDP or PakBus discovery, you will need to manually enter the information about how LoggerLink will connect to your datalogger.

See the **Datalogger Setup** section for an explanation of each field on the Datalogger Setup screen.

After you have finished setting up a datalogger, it will show up in the list of dataloggers when LoggerLink is launched. You can view a datalogger's settings by tapping on the disclosure button on the right side of the datalogger. You can edit a datalogger in your list by tapping the Edit button in the upper left corner and then selecting the datalogger you wish to edit. You can delete a datalogger by tapping the Edit button, tapping the delete button control to the left of the datalogger, and then tapping the Delete button that appears to the right of the datalogger. You can change the order of the dataloggers by tapping the Edit button and then using the row reorder button to the right of a datalogger to drag it to the desired position.



Connecting

To connect to a datalogger, simply tap on it in the list of dataloggers.

Connected

After you have connected to your datalogger, a set of tabs will appear at the bottom of the screen. Tapping on these tabs will allow you to perform different operations on your datalogger such as viewing data in a tabular or graphical format, monitoring status, and collecting data.

Note that on an iPhone, you will need to tap the More button to see some of the available operations. With the More screen open, you can tap the Edit button to configure your tab bar. Drag your most used items to the tab bar to make them visible without pressing More.

If LoggerLink is moved to the background or your device goes to sleep while connected to a datalogger, you will be automatically disconnected from the datalogger after 10 minutes. If at the end of the 10 minutes there are operations in progress (such as data collection, OS send, and so forth), you will be automatically disconnected from the datalogger once the operations are completed. Note that if you have Prevent Auto-Lock enabled (see the [LoggerLink Settings](#) section), your device will not automatically go to sleep while you are connected to a datalogger. You must put the device to sleep manually or disconnect from the datalogger.

Disconnecting

When you are finished interacting with your datalogger, simply tap the Disconnect tab to disconnect and return to the list of dataloggers.

Datalogger Setup—Settings

TCP Settings

Address

The TCP/IP Address of the device you will be communicating with.

Port

The TCP/IP Port the device is accepting connections on. This defaults to 6785.

Datalogger Settings

Type

The Type of the datalogger you will be communicating with.

Name

The Name used to identify this datalogger in LoggerLink. Data files collected from this datalogger will be stored in a sub-directory with this name.

PakBus Settings

Address

The PakBus Address of the datalogger you will be connecting to. The valid range is 1 through 4094. However, PakBus addresses greater than 3999 are typically reserved for PakBus routing devices and ports.

Neighbor

The PakBus address of the neighbor you will go through to connect to your datalogger. A value of 0 means you will connect directly to your datalogger.

Security Code

The Security Code is only required if security has been enabled on your datalogger. In order for LoggerLink to connect to a security-enabled datalogger, the security code of at least level 3 is required. The level 3 security code allows you to check the clock and collect data. The level 2 security code is required to set the clock or change public variables. The level 1 security code unlocks the highest level of security and allows you to change or retrieve the program as well as change status table variables.

TCP Password

If you are trying to connect to a datalogger with a TCP Password enabled, you must enter the password in order for any communications to occur with the datalogger.

Encryption Key

This setting specifies text that will be used to generate the key for encrypting PakBus messages sent or received by this

datalogger. The key entered here must match the PakBus Encryption Key setting in the device.

Connecting

To connect to a datalogger, simply tap on the datalogger in your list of dataloggers or tap the Connect button while viewing the datalogger's settings. When connecting to a datalogger, a clock check is sent to see if communications can be established. On the first connection, table definitions are retrieved and stored. Table definitions are only retrieved again, if a change is detected.

Current

The current page displays the current data record for the selected table.

Carrier 

11:20 AM



Current: Public

CR1000





[Timestamp] 1/17/14, 11:20:55 AM

Record Number3323675

Temp_F72 °F >

Batt_V13 volts >

Wind_Deg308 >

Wind_MPH22 mph >

RH46 >

BP31 >

Rain_MM0.0248506 >

Solar_Rad2,192 >

OfficeTemp23.5818 >











Current

Status

Historic

Collect Data

More

Tap the config button in the upper right corner to select and configure a different table.

Values are formatted based on type and, by default, include the units defined in the datalogger program.

Tapping a settable value opens a page that allows you to change the value. Boolean values can be changed by tapping on the Boolean toggle.

Current Setup

Table

Select the table that will be displayed.

Select Fields

Select the fields that will be displayed.

Poll Interval

Select the interval at which the data will be updated. The LoggerLink App will never poll faster than 1 time per second.

Show Units

Use the Boolean toggle to specify whether or not units are displayed.

Field Options

You can change the order of the fields by pressing the Sort button and using the row reorder button, to the right of each field, to drag it to the desired location. Upon completion of reordering, tap the Done button.

Each field may be edited. Tap the disclosure button to the right of the field name. This will display customization options for that particular field. These options include:

Field Title

The name that will be displayed for the field.

Field Units

The measurement units that will be displayed for the field.

Precision

The number of digits of precision used. (Only displayed if the field value is floating point type.)

Status

The status page shows important information about your datalogger, the current program, errors, card status, the battery, and the clock. It also allows you to send a program to your datalogger.

Carrier

11:43 AM

100%

Status

CR1000

MODEL NO

CR1000

Serial No

1046

Power Up

CPU:DEMO_WEATHER_STATION.CR1

Compile State

Prog Running

Run Signature

29535

Panel Temp

23.7 °C

Memory Size

2.097 MB

Memory Free

10.05 KB

ERRORS

none

BATTERY INFO

Battery

13.2 V

Lithium Battery

3.52 V

CARD INFO

Card Status

Card OK.

Card Bytes Free

256.1 MB

CLOCK INFO

System

1/17/14, 11:43:31 AM

Logger

1/17/14, 11:43:32 AM

Set Clock

#

Current

♥

Status

✂

Historic

🔍

Collect Data

🔒

Files

⚙

Settings

?

Help

🔌

Disconnect

Note that a red E on the Status icon indicates that the datalogger has errors. Scroll down on the Status screen to identify the error. You can press the Reset button next to the indicated error to reset the value to 0.

Program Info

Current

The program currently running in the datalogger.

Started

The date the currently running program was started.

Signature

Signature of the compiled binary data structure for the current program. This value is independent of comments added or non-functional changes to the program.

Compile Results

The results reported by the datalogger when it compiled the currently running program.

Send Program

Click to send a new program file to the datalogger. The file must be accessible by LoggerLink. (See following paragraph.) When Send Program is tapped, a list of available files is displayed. When a file is selected, it will be sent, compiled, and assigned the Run Options of Run Now and Run on Power-up.

LoggerLink has file association set up with CRBasic program files. This allows you to access a program file that has been sent as an email attachment. From your device's Mail app, tap and hold on the program file attachment. Then choose Open in LoggerLink. The program file will then be accessible by LoggerLink. File association also allows you to use a file-sharing application, such as Dropbox, to get a program file onto your device and accessible by LoggerLink. If you do not have email capabilities or a file-sharing application, iTunes® is required to copy programs to your device to be sent to the datalogger. With iTunes

open and your device connected to your computer, click on your device in iTunes and then click Apps. Under File Sharing, click on LoggerLink. Press Add to open a browser window allowing you to browse to the programs you wish to copy to your device. After browsing to the desired programs, press Open in the browser window and the programs will be copied to your device.

Datalogger Info

Station Name

A name assigned to this datalogger. Note that this is the station name internal to the datalogger. It is not the name given to the datalogger in LoggerLink.

OS Version

Specifies the version of the operating system currently in the datalogger.

OS Date

The date of the current operating system.

OS Signature

The signature of the current operating system.

Model No

The type of datalogger.

Serial No

Specifies the datalogger serial number assigned by the factory when the datalogger was calibrated.

Power Up

The program that is flagged to run when the datalogger is powered off and back on again.

Compile State

The state of the program after the datalogger tried to compile it. Possible states are: No Program, Program Running, Compile Failed, Program Paused, or Unknown.

Run Signature

Signature of the current running program file.

Panel Temp

Current panel temperature measurement. This measurement is made in the background calibration.

Memory Size

The total amount of SRAM in the datalogger.

Memory Free

The amount of unallocated memory on the CPU (SRAM). All free memory may not be available for data tables. As memory is allocated and freed, holes of unallocated memory, which are unusable for final storage, may be created.

Errors

Watchdog Errors

The number of internal watchdog errors that have occurred while running the current program.

Skipped Records

The number of records that have been skipped for a given table. Skipped records are normally caused by skipped scans.

Low 12V Count

The number of occurrences of the 12VLow signal being asserted. When this condition is detected, the datalogger ceases measurements and goes into a low power mode until proper system voltage is restored.

Low 5V Count

The number of occurrences of the 5VExtLow signal being asserted.

Skipped Scans

The number of skipped scans that have occurred while running the current program. Does not include scans intentionally skipped as may occur with the use of ExitScan and Do...Loop instructions.

Skipped System Scans

The number of scans skipped in the background calibration.

Skipped Slow Scans

The number of scans skipped in a SlowSequence.

Variable Out of Bounds

The number of times an array was accessed out of bounds.

Battery Info

Battery

The current value of the battery voltage. This measurement is made in the background calibration.

Lithium

The current voltage of the lithium battery. This measurement is updated in background calibration.

Card Info

Card Status

Reports the status of the CF card.

Bytes Free

The amount of space still available on the CF card.

Clock Info

System

The local time of your device the last time the datalogger clock was checked.

Logger

The time reported by the datalogger the last time its clock was checked.

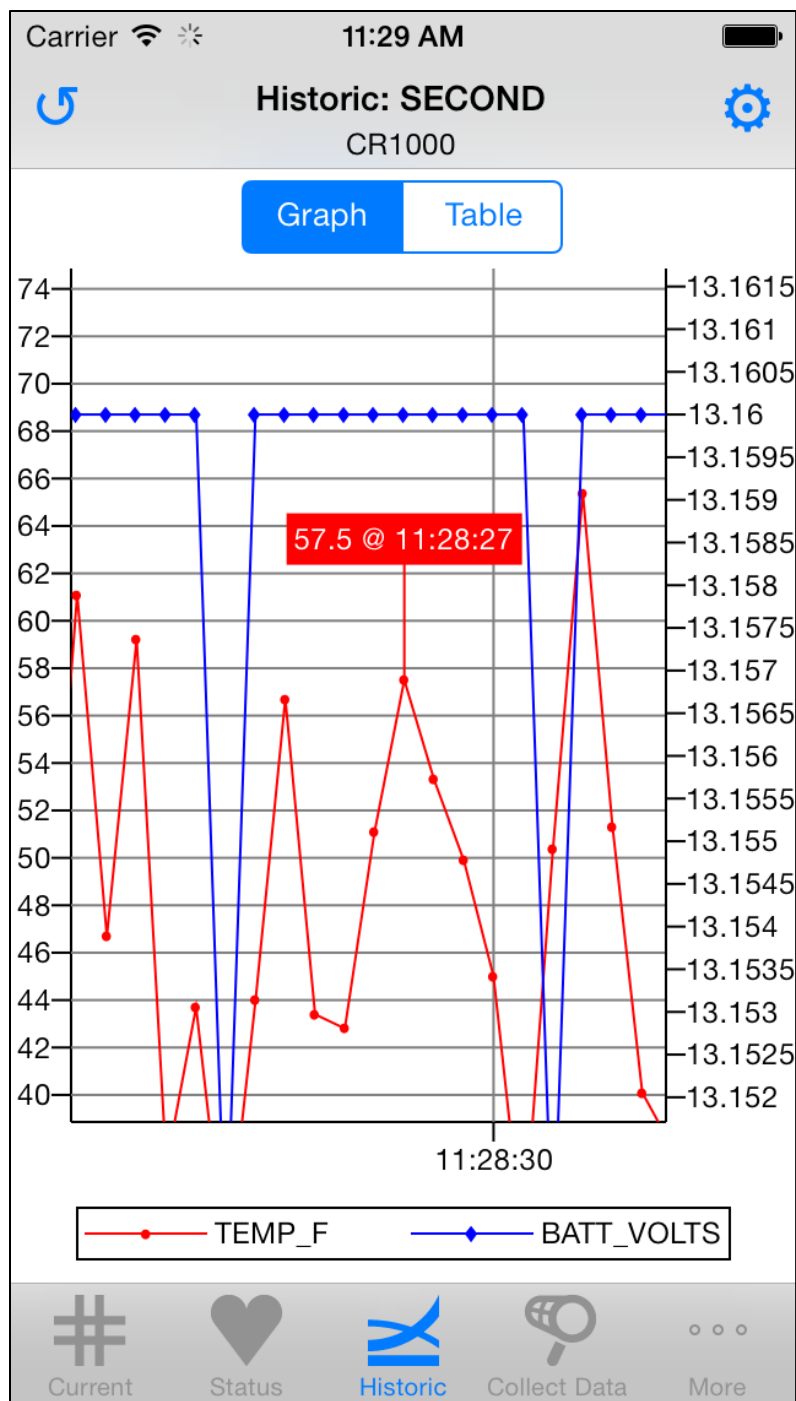
Set Clock

Click to set the datalogger clock. You will then have the option to Set Clock or Set Manually. If Set Clock is chosen, an attempt will be made to set the clock as closely as possible to the device's clock. However, there may be some difference due to delay in the communication link. If Set

Manually is chosen, a specific date and time may be selected and set. These options should be used with caution, since it could result in missing or duplicate timestamps when the datalogger clock is changed.

Historic

The historic page displays data from a single datalogger table in graph or tabular form.



The first time you open the historic window for a datalogger, you will automatically be taken to the Historic Setup. This allows you to select the table and fields to be displayed. An option for showing the legend is also available. After selecting

the table and fields, press Done to return to the main Historic Setup screen. From this screen, you can tap Data Range to change the data range that will be displayed. You can change the order of the fields by pressing the Sort button and using the row reorder button, to the right of each field, to drag it to the desired location. Upon completion of reordering, tap the Done button. You can also tap on the name of a field to set the display options for that field as described below. After setting the data range and/or field options, tap Save to display your selected data.

From the main Historic screen, tap Graph or Table at the top to choose how to display your data. Tap the config button in the upper right corner to go to Historic Setup and change the table, fields, data range, or field options.

On a Graph, tap a point on the graph to display the data value and timestamp at that point. You can zoom in on a part of the graph by touching the screen with two fingers and then sliding your fingers apart. You can zoom out by pinching your fingers together. You can pan the graph by using one finger to drag the graph to the desired location. A zoomed or panned graph can be restored by selecting the Restore icon in the upper left corner.

On the table, the current data will be displayed in tabular format. You may sort the data by time simply by tapping the Time column heading.

Historic Setup

Select Table/Fields

Select the table and fields that will be displayed in the graph and table.

Show Legend

Determines whether a legend is shown on the graph.

Data Range

The range of data to be displayed in the graph and table.

Left Axis Options

Auto Min/Max

Select the check box for LoggerLink to automatically adjust the scale of the left axis based upon the data values being displayed.

(Only displayed if at least one trace is assigned to the left axis.)

Min Value

The minimum value of the left axis.

(Only displayed if Auto Min/Max is not selected.)

Max Value

The maximum value of the left axis.

(Only displayed if Auto Min/Max is not selected.)

Right Axis Options

Auto Min/Max

Select the check box for LoggerLink to automatically adjust the scale of the right axis based upon the data values being displayed.

(Only displayed if at least one trace is assigned to the right axis.)

Min Value

The minimum value of the right axis.

(Only displayed if Auto Min/Max is not selected.)

Max Value

The maximum value of the right axis.

(Only displayed if Auto Min/Max is not selected.)

Field Options

Field Title

The title used in the graph legend and the table column heading.

Graph Axis

Each series can be displayed using the left or right axis of the graph.

Graph Line Width

The width of the line used for the graph series.

Graph Line Color

The color of the line used for the graph series.

Graph Line Style

The style of the line used for the graph series.

Graph Symbol Size

The size of the symbol used for the graph series.

Graph Symbol Color

The color of the symbol used for the graph series.

Graph Symbol Symbol

The symbol that is used for the graph series.

Collect Data

The Collect Data page is used to download data from your datalogger and store it in data files on your device. These data files can then be viewed, emailed from your device, opened in another application, or graphed.

Carrier
12:57 PM

Collect Data

CR6

Collect

All Data

New Data

Most Recent

Records

Time

Records Count

100

Overwrite Data Files

☒

Collect most recent N Records & overwrite existing files

DATALOGGER TABLES

☐
Status

☒
DAY

☒
HOUR

☐
MINUTE

☒
SECOND

☐
DataTableInfo

#

Max/Min

Current

Status

Historic

Collect Data

More

If your device does not have email capabilities or a file-sharing application, iTunes is required to copy collected data files to your computer. With iTunes open and your device connected to

your computer, click on your device in iTunes and then click Apps. Under File Sharing, click on LoggerLink. Under LoggerLink Documents, you should see a folder for each station in your LoggerLink App that has collected data files. Select the folder you wish to copy to your computer and press the Save to button. A browser window will open allowing you to browse to the location to save your data. After browsing to the desired location, press Select Folder in the browser window and your data will be copied to your computer.

Collect Data

The Collect Data option allows you to choose whether to collect All Data and overwrite existing data files, only New Data and append the data to the end of existing data files, or the Most Recent records. If you select Most Recent, you specify the number of records to collect or the time interval of records to collect. You also specify whether to overwrite existing data files or append to the end of existing data files.

Datalogger Tables

A list of all the datalogger tables that can be selected for data collection. Select the table(s) you wish to collect and tap the Collect button. You can view collected data files by tapping the disclosure button next to the table name. While viewing a data file, tap the information button at the top right to bring up information about the datalogger that generated the data, the datalogger program, and the data fields. Tap the action button in the upper right corner to delete the data file, email the data file as an attachment if

your device has email capabilities, open the data file in another application, or graph the data. Selecting Open in will show a list of installed applications that are registered to handle .dat file types. If you have a file-sharing application, such as Dropbox, this option can be used to get the file to your computer. Selecting Graph Data will allow you to choose the data range and fields to graph.

Files

The Files page is used to view the drives on your datalogger as well as pause/resume the currently running program. You can also view and edit files on your datalogger, delete files from your datalogger, send files to your datalogger, get files from your datalogger, or set the run options for a program file on your datalogger.

As described below, a file retrieved from your datalogger to your iOS device can be emailed as an attachment, or a file-sharing application, such as Dropbox, can be used to get the file to your computer. If your device does not have email capabilities or a file-sharing application, iTunes is required to copy retrieved files to your computer. With iTunes open and your device connected to your computer, click on your device in iTunes and then click Apps. Under File Sharing, click on LoggerLink. Under LoggerLink Documents, you should see a folder for each station in your LoggerLink App that has files retrieved from the station. Select the folder you wish to copy to your computer and press

the Save to button. A browser window will open allowing you to browse to the location to save your data. After browsing to the desired location, press Select Folder in the browser window and your data will be copied to your computer.

Current Program

Resume

The Resume button restarts the paused program while preserving data files.

Pause

The Pause button pauses the currently running program and preserves data files.

Drives

The drives on the datalogger. Selecting one of the drives displays a list of all the files on the drive.

File List

You can view a file by tapping the disclosure button next to the file name. While viewing a file, you can tap the action button in the upper right corner to delete the file, email the file as an attachment, save the file to your iOS device (Save Local), save the file to your iOS device with a new name (Save As), or open the file in another application. Selecting Open In will show a list of installed applications that are registered to handle .dat file types. If you have a file-sharing application, such as Dropbox, this option can be used to get

the file to your computer. Note that you can make edits while viewing a file. If the file has been edited, tapping the action button in the upper right corner will also include an option to save the edited file to your datalogger. The Save to Datalogger option gives you the ability to edit a program on your datalogger. Note that if you edit the running program and save it to your datalogger, it will cause the program to be recompiled.

Other functions are available from the file list by tapping the action button in the upper right corner. If no files are selected, you have the option to format the drive, refresh all files on the datalogger, or send files to the datalogger from your device. If you have selected files, you can delete the selected files from the datalogger, refresh all files from the datalogger, or get the selected files from the datalogger and save them to your device. If only a single program file is selected, file run options will also be available.

Format Drive

Formatting an individual drive on the datalogger will permanently delete all the files on that drive. If the currently running program is found on the drive being formatted, you will not be able to format the drive until the Run Options on the running program are cleared.

Refresh

Refreshes the list of all drives and files from the datalogger.

Send File(s)

Files can be sent from your device to the datalogger. Selecting this option will display a list of local files you can select to send to the datalogger.

iTunes is required to move files (except CRBasic program files as described below) to your device to be sent to the datalogger. With iTunes open and your device connected to your computer, click on your device in iTunes and then click Apps. Under File Sharing, click on LoggerLink. Press Add to open a browser window allowing you to browse to the file(s) you wish to copy to your device. After browsing to the desired files, press Open in the browser window and the file(s) will be copied to your device.

LoggerLink has file association set up with CRBasic program files. This allows you to access a program file that has been sent as an email attachment. From your device's Mail app, tap and hold on the program file attachment. Then choose Open in LoggerLink. The program file will then be accessible by LoggerLink. File association also allows you to use a file-sharing application, such as Dropbox, to get a program file onto your device and accessible by LoggerLink. If you do not have email capabilities or a file-sharing application, iTunes is required to copy program files to your device as described above.

Delete File(s)

After selecting files from the datalogger file list, you can delete the files from the datalogger.

Get File(s)

After selecting files from the datalogger file list, you can get the files from the datalogger and store them on your device.

After using Get File(s) to retrieve files from your datalogger, you can tap the disclosure button to the right of the retrieved file name to view the file. While viewing a file, you can tap the action button in the upper right corner to delete the file, email the file as an attachment, or open the file in another application. Selecting Open in will show a list of installed applications that are registered to handle .dat file types. If you have a file-sharing application, such as Dropbox, this option can be used to get the file to your computer. If your device does not have email capabilities or a file-sharing application, iTunes is required to copy the retrieved files to your computer as described above. Note that you can make edits while viewing a file. If the file has been edited, tapping the action button in the upper right corner will also include an option to save the edited file to your iOS device (Save Local).

Run Options

When Run Now is selected, the program will be compiled and run in the datalogger. You may also choose to preserve existing data tables on the datalogger, if there are no changes to the table structure of the new program. The Run

On Power-up will set this program file to run when the datalogger loses power and then powers back up.

Settings

The Settings page is used to view and/or change the internal settings of the datalogger. If needed, each setting has detailed help available by tapping the "i" button next to the setting. Tapping a writable value will allow you to change the value. Once changes have been made to any setting(s), they must be applied to the datalogger. Applying changes stores them to the datalogger. Any setting that has been changed but not applied will have an asterisk next to the setting name.

The following options are available by tapping the action button in the upper right corner while in the Settings page.

Factory Defaults

When the Factory Defaults option is selected, the datalogger settings will all be set back to their factory default values.

Refresh

When the Refresh option is selected, the datalogger settings will be retrieved from the datalogger. (This option is only available if there are no pending setting changes.)

Apply Changes

If changes have been made to any settings, the Apply Changes option will be available. The changes are not stored to the datalogger, until the Apply Changes option is selected.

Cancel Changes

If unapplied changes have been made to any settings, the Cancel Changes option will be available. Cancel Changes will discard any pending changes and revert the settings to their original values.

Disconnect

When you are finished interacting with your datalogger, simply tap on the Disconnect tab to disconnect. Disconnecting from a datalogger will end all communications with that datalogger and take you back to your list of dataloggers.

Off-line Files

Pressing the folder button at the top of the main LoggerLink screen (i.e., when you are not connected to a datalogger) will display the files on your device that are associated with LoggerLink. Each device with associated files will have its own folder. Tapping a folder name will display the files associated with that device. This includes data files, log files, and files retrieved from the device. In addition to the device folders, there is a tabledefs folder which holds the table definition files for each device. Under the folders, LoggerLink files not associated with a specific device are shown.

A single datalogger's files are also accessible by tapping the folder icon at the top of the datalogger's information page (i.e.,

the page that is displayed by tapping the disclosure button next to the datalogger in the list of dataloggers).

Clicking the disclosure button next to a viewable file allows you to view that file. While viewing a file, tap the action button in the upper right corner to delete the file, email the file as an attachment, save the file to your iOS device (Save Local), save the file to your iOS device with a new name (Save As), or open the file in another application. Selecting Open in will show a list of installed applications that are registered to handle the correct file type. If you have a file-sharing application, such as Dropbox, this option can be used to get the file to your computer. If the file you are viewing is a data file, tapping the action button in the upper right corner will also include an option to graph the data. Tapping the disclosure button while viewing a data file will display header information for the data file. Note that you can make edits while viewing some files (e.g, program files).

Many of the functions available while viewing a file can also be accessed by selecting the file(s) in the file list and then tapping the action button that appears in the upper right corner. If two or more files are selected, you can delete the selected files or attach them to an email. If only one file is selected, you also have the option to open the file in another application or rename the file.

LoggerLink Settings

The following settings for LoggerLink can be viewed and/or set from your device's Settings screen. Tap on LoggerLink under Apps to display and change the settings.

Auto-Lock Settings: Prevent Auto-Lock

The Prevent Auto-Lock setting will prevent your device from going to sleep when connected to a datalogger.

PakBus Settings: Global Address

The PakBus address for this device. The Global Address is initialized to a random value between 4000 and 4085, and that value is maintained unless changed by the user. Once the value is set by the user, the user-specified value is maintained unless again changed by the user.

Each device in a PakBus network must have a unique address. Valid PakBus addresses are 1 through 4094.

Typically, software such as LoggerLink should use a value greater than 3999. This is because, when a neighbor filter is set up, a PakBus datalogger will answer a Hello message from any device with an ID greater than 3999, but will ignore devices with IDs less than 4000 that are not in their neighbor list.

Troubleshooting: Logging Enabled

Enabling logging will create a low level log file of all communications with a datalogger. Note that enabling logging will slow down LoggerLink. Logging should only

be enabled, if you are experiencing communication problems.

You can use the [off-line file](#) system to email a log file to your computer. If you cannot email the log file, iTunes is required to copy log files to your computer to be viewed. With iTunes open and your device connected to your computer, click on your iOS device in iTunes and then click Apps. Under File Sharing, click on LoggerLink. Under LoggerLink Documents, you should see a folder for each station in your LoggerLink App that has log files. Select the folder you wish to copy to your computer and press the Save to button. A browser window will open allowing you to browse to the location to save your data. After browsing to the desired location, press Select Folder in the browser window and your data will be copied to your computer. The log file can then be viewed just as any text file is viewed on the computer.

Info: Version

The version of LoggerLink.

Info: Build

The build number of the LoggerLink app.

Copying Your Network to Another iOS Device

Your LoggerLink datalogger network is stored in the `logger_settings.plist` file. You can copy your datalogger network to another iOS device by copying this file to the new device.

Using iTunes

iTunes can be used to copy the file to your computer and then to the new device. With iTunes open and your device connected to your computer, click your device in iTunes and then click Apps. Under File Sharing, click on LoggerLink. Under LoggerLink Documents, you should see the `logger_settings.plist` file. Select this file and press the Save to button. A browser window will open allowing you to browse to the location to save the file. After browsing to the desired location, press Select Folder in the browser window and the file will be copied to your computer.

Once the `logger_settings.plist` file is stored on your computer, you can use iTunes to copy it to another device. (Note that LoggerLink must be installed on the second device, before you will be able to copy the `logger_settings.plist` file to the device.) With iTunes open and the new device connected to your computer, click on the new device in iTunes and then click Apps. Under File Sharing, click on LoggerLink. Press Add File to open a browser window allowing you to browse to the

logger_settings.plist file you wish to copy to the new device. After browsing to the file, press Open in the browser window and the file will be copied to the new device. Your datalogger network should then be displayed, when LoggerLink is opened. If LoggerLink is active on the new device, you will need to shut it down and restart it for the change to take effect.

Note that if the new device already has a datalogger network, copying the logger_settings.plist file to the device will overwrite any existing stations.

Using Email

Email can also be used to copy the logger_settings.plist file to the new device. From the main LoggerLink screen (i.e., when you are not connected to a datalogger), press the folder button. Under Files, you should see the logger_settings.plist file. Select the file and tap the action button in the upper right corner. Select Attach to Email and send the email to an email address accessible by the mail app on the second device. Open the email on the second device, tap on the attachment, and select Open in LoggerLink. (Note that LoggerLink must be installed on the second device, before you will have the option to open the file in LoggerLink.) You will get a warning that the file will overwrite your existing list of dataloggers. Tap Overwrite File. Your datalogger network should then be displayed.

Note that if the new device already has a datalogger network, copying the logger_settings.plist file to the device will overwrite any existing stations.

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