



Are you ready for energy savings? Enable our cloud-based energy analytics and dashboard for your [Accuenergy AcuLink 710 Data Acquisition Servers](#), to discover, measure and verify savings in the premises you manage.

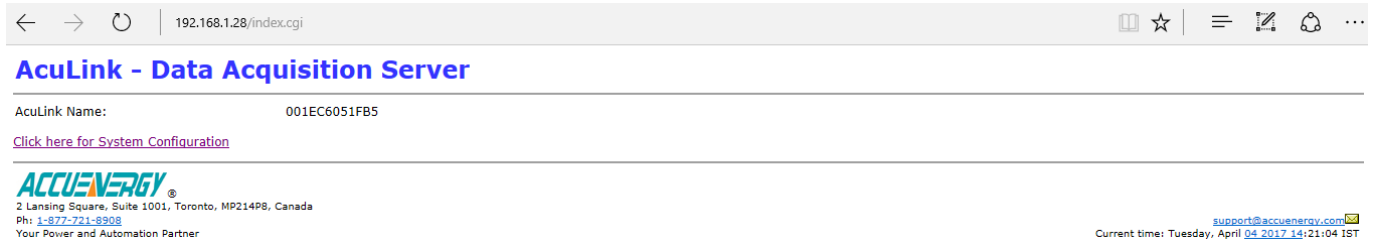
NOTE: It is assumed that the Accuenergy AcuLink 710 already collects data from meters. If not, read and understand Obvius manuals for installing, operating, or maintaining your Accuenergy AcuLink 710 Data Acquisition Server. Installation and program procedures must be carried out and inspected by qualified personnel. Qualified personnel are those who, based on their training and experience, are capable of identifying risks and avoiding potential hazards when working with this product.

Step 1: Retrieve specific information from your AcuLink 710

Check the sticker at the back of your AcuLink 710, and write down the **SERIAL NUMBER**.

Use your browser to connect to the AcuLink 710 configuration webpage (you can find your gateway's IP address on its display). Click on "Click here for System Configuration". When prompted to log in, use the default admin/admin credentials (or other if you have modified

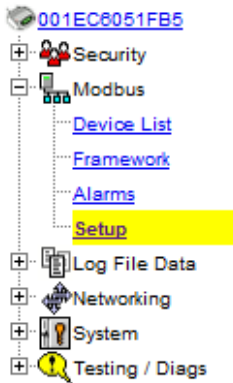
them).



Select the Modbus/Setup section from the menu on the left.

Write down the **ACULINK NAME** of your gateway. This name may be the same as the serial number, and you may edit it first if you want to give it a name that you can remember more easily.

Write down the **DATA LOGGING PERIOD** of your gateway, which indicates the sampling rate.



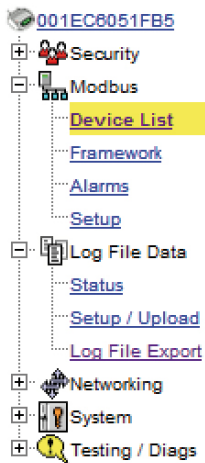
Modbus Setup

AcuLink Name:	001EC6051FB5 (edit)
Data Logging period:	5 <input type="text"/> minutes
Modbus TCP Access:	<input type="text" value="Allow ModbusTCP access from local subnet only"/>
Modbus RS/485 baud rate:	<input checked="" type="checkbox"/> 9600 (default) <input checked="" type="checkbox"/> 19200 <input type="checkbox"/> 38400 <input type="checkbox"/> 57600 <input type="checkbox"/> 115200
Modbus RS/485 Parity:	<input type="text" value="None (default)"/>
Modbus RS/485 Stopbit:	<input type="text" value="One (default)"/>
Modbus RS/485 timeout:	<input type="text" value="200ms (default)"/>
Modbus RS/485 debug information:	<input type="text" value="None (default)"/>
Search for Modbus devices:	<input checked="" type="checkbox"/> enable
Search for Sensor Network devices:	<input type="checkbox"/> enable
<input type="button" value="Apply"/> <input type="button" value="Cancel"/>	



2 Lansing Square, Suite 1001, Toronto, MP214P8, Canada
Ph: 1-877-721-8908
Your Power and Automation Partner

Click on Modbus/Device List, and copy for all the Modbus devices connected to your AcuLink 710 their **NAME AND PURPOSE** together with their **TYPE**.



Modbus device list

Device	Status	Name and Purpose	Type
001	Ok	Area 1	Acuvim II
002	Ok	Circuit 21	Acuvim II
003	Ok	Zone C	Acuvim II
004	Ok	Block D	Acuvim II
005	Ok	Building 1	Acuvim II
006	Ok	Mains	Acuvim II

You should now have with you:

- Your AcuLink 710 **SERIAL NUMBER**
- Your AcuLink 710 **DATA LOGGING PERIOD**
- Your AcuLink 710 **ACULINK NAME**
- The **NAME AND PURPOSE** and **TYPE** of each Modbus device connected to your AcuLink 710

Step 2: Register your data logger and data points with Wattics

[Register your AcuLink 710 gateway](#)

You will need to send on the information collected in Step 1:

- *The SERIAL NUMBER of your*

AcuLink 710 Gateway

- The DATA LOGGING PERIOD of your

AcuLink 710 Gateway

- The ACULINK NAME of your

AcuLink 710 Gateway

- Each Modbus device NAME AND

PURPOSE

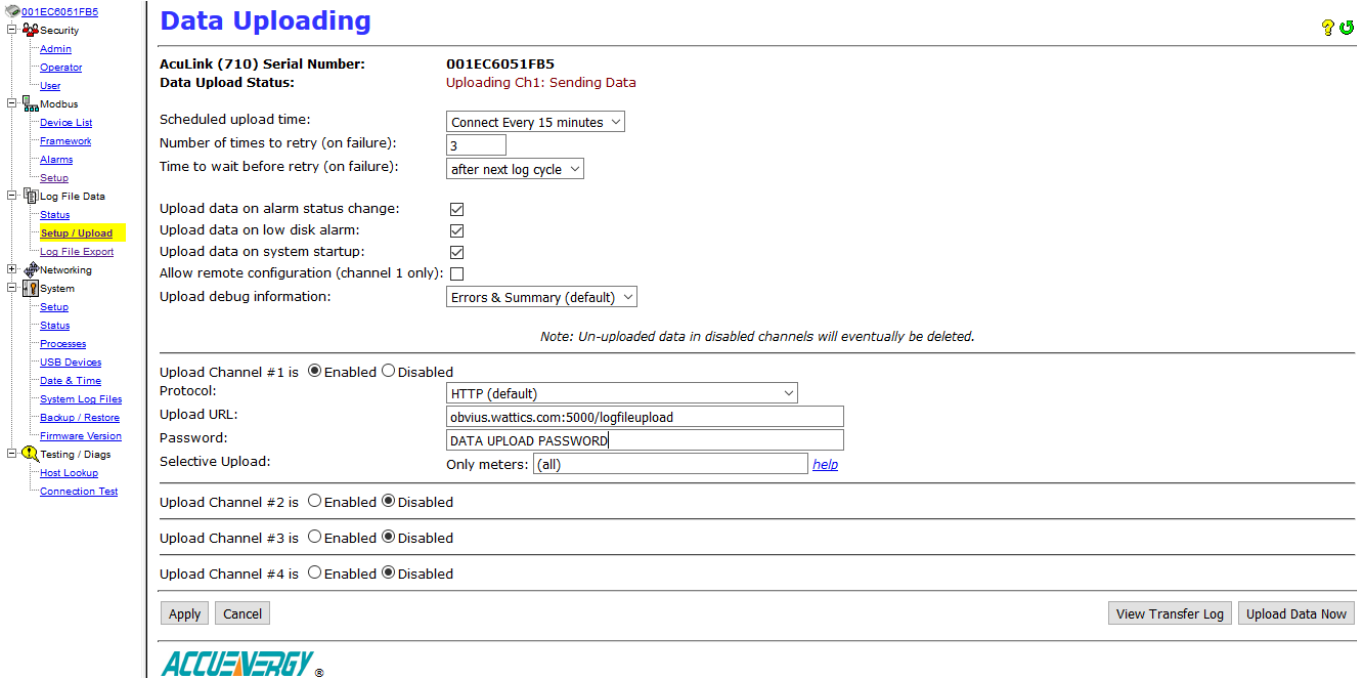
- Each Modbus device TYPE

One of our tech support representatives will confirm your Wattics dashboard account, will set your monthly subscription fee, and will register the AcuLink 710 gateway and Modbus devices to the dashboard.

You will then receive a **DATA UPLOAD PASSWORD** to use in Step 3 when setting up the AcuLink 710 Gateway to send log files to Wattics Dashboard.

Step 3: Configure the AcuLink 710 to transmit to Wattics

You are now ready to set up your AcuLink 710 to send data. Select the **Log File Data > Setup/Upload** menu.



You must configure your device as follows:

- **Protocol:** You must select **HTTP (Default)**
- **Upload URL:** This is the website URL or IP to upload data to. This should be set to **http://obvius.wattics.com/**
- **Password:** This password is used by the Wattics web server to verify the AcuLink 710 device authentication before accepting the uploaded data. You should input the **DATA UPLOAD PASSWORD** provided to you by Wattics.

Other features can be set according to your preferences, otherwise leave the default values:

- **Scheduled upload time:** This option allows you to control when the AcuLink 710 will initiate the upload process. We recommend that you set an upload time greater than the log cycle, for example 15mn if you log data every 5mn.
- **Number of times to retry:** In the event of a failure this option specifies the number of retries to attempt the upload again. If all retries fail, the AcuLink 710 will wait until the next scheduled upload time before trying again.
- **Time to wait before retry:** In the event of a failure, the AcuLink 710 can be configured to wait for a specified period of time before attempting another connection. This option

specifies how long to wait before retrying.

- *Upload data on alarm status change*: This setting will cause the AcuLink 710 to initiate the upload process if any point on any Modbus device enters or leaves an alarm state. This option can be left disabled, unless otherwise instructed.
- *Upload data on low disk alarm*: This feature will cause the AcuLink 710 to attempt a data upload immediately if the log file storage area is more than 75% full. This option can be enabled, unless otherwise instructed.
- *Allow remote Modbus device configuration*: This feature is not supported by Wattics and can be left disabled, unless otherwise instructed.

Step 4: Start data upload

Click Apply and then the **Upload Data Now** button on the right to start data upload.

Upload Channel #4 is Enabled Disabled

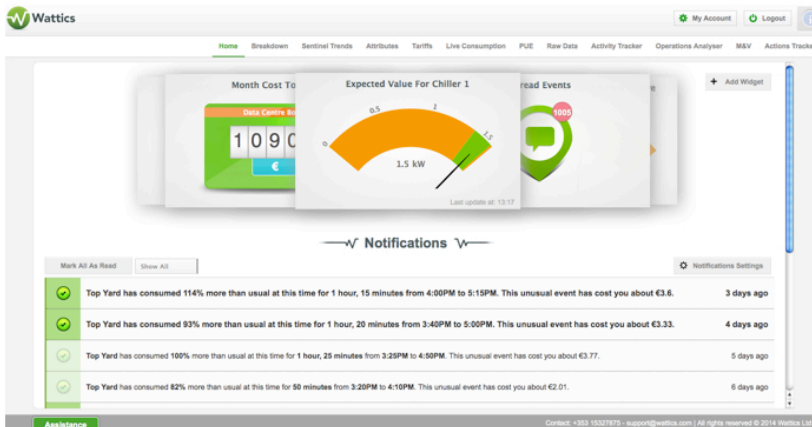


2 Lansing Square, Suite 1001, Toronto, MP214P8, Canada
Ph: 1-877-721-8908
Your Power and Automation Partner

support@accuenergy.com

Current time: Tuesday, Apr 04 2017 13:32:13 IST

Your data will be sent to Wattics, log in to your dashboard and get started!



You don't have yet an AcuLink 710 Data Acquisition Server?

[Contact us](#) if you would like to receive technical and pricing information. The AcuLink 710 gateway collects and logs data from connected (wired or wireless) devices, supporting a wide range of industry-leading protocols, and pushes interval energy use data to Wattics via your Ethernet network.

+353 (0)1415 1242 | info@wattics.com | [Contact us](#)