



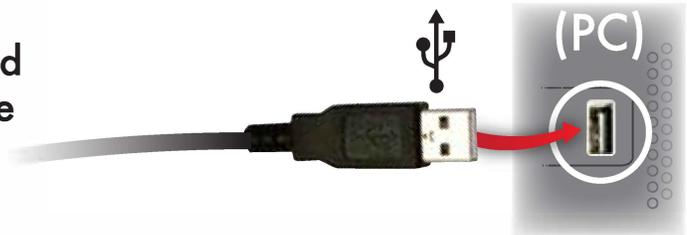
Thanks for Choosing AcuRite! Please read through this manual to get the most out of your new AcuRite Weather station with Acu-Link PC Connect.

Getting Started

- 1 Make sure you have connected the small end of the USB cable to the AcuRite Display Console



- 2 Make sure you have connected the large end of the USB cable to your PC



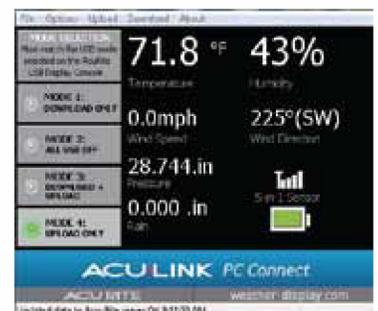
- 3 The Display Console USB functions are OFF by default. Make sure your display console is powered on and receiving weather data from the 5-in-1 sensor. Then set USB mode on the display console to 3 for full functionality.

See page 6 for a description of each USB mode.

Consult the instruction manual that came with your display console for full instruction on using your display console

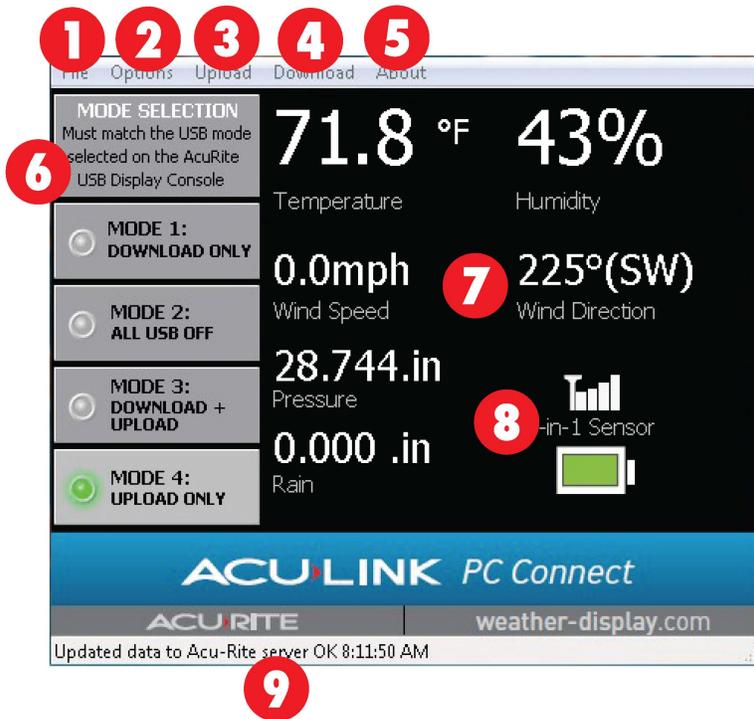


- 4 Select the SAME USB mode in the PC CONNECT software that you chose on your AcuRite Display Console.





Software Functions Overview



- 1 File:** Exit command closes the PC Connect Utility.
 - 2 Options:** Allows you to choose options such as units or the optional custom barometric pressure offset.
 - 3 Upload:** This is where you enter your display console unique MAC address to upload your weather data to www.Acu-Link.com. (mode 3 or 4 only)
 - 4 Download:** The download option saves weather data from your connected AcuRite display console to your PC. (mode 1 or 3 only)
 - 5 About:** software version and developer information
 - 6 USB MODE SELECTION:** The USB mode selection **MUST** match the mode that is selected on the display console.
- IMPORTANT:** The PC Connect software needs to re-started if you change the USB Mode on the Display Console.
- 7 Current Conditions**
 - 8 Sensor Status:** the 5-in-1 sensor signal strength and will display if the sensor battery is LOW.
 - 9 Status:** displays the most recent time that the weather data was uploaded OK to your www.acu-link.com account



General Information

Update Intervals

The PC Connect software will receive updates automatically shortly after the console updates, every 18 seconds. If you choose to use the upload option (display console USB mode 3 or 4) my backyard weather dashboard (acu-link.com) will update as often as every 18 seconds, provided you refresh your web browser as often.

Display Console Internal Memory

The display console saves all weather data to internal memory every 12 minutes (display console USB mode 1 or 3). The display console can store up to two weeks of weather data. After two weeks, it will not store any more data and will display a message on the weather ticker instructing you to download the data to your PC. See the section "Download Function."

VIS AcuRite Data Reader

The application "AcuRite Data Reader" will also be installed on your PC, THIS IS A REQUIRED APPLICATION THAT HANDLES ALL OF THE INCOMING DATA FROM YOUR DISPLAY CONSOLE. Do not exit this program, it will exit and open automatically with the PC Connect application.

In most cases, the AcuRite Data Reader application will run in the background and will not require any interaction from you.

The AcuRite data reader (acurite.exe) can be helpful in diagnosing any possible issues you may be experiencing. It will log any 5-in-1 sensor wireless connection downtime and recovery, application uptime, and other status details- as well as showing you when the last data download took place. The application also shows a running timer of when the next weather data read will take place.

The data reader can also be set up to automatically send you an e-mail if there is ever an issue with the USB connection itself. Simply click on the "OPTION" button in the data reader application window to set up the e-mail option. This is considered an advanced option and should only be used by users comfortable with entering their own e-mail settings.



Upload Function

General Information

This AcuRite product allows you to upload data to the Acu-Link.com website and to the Acu-Link mobile App for Apple iOS and Android mobile devices.

Note that the display console, PC, PC Connect software, and your internet connection need to be active and running all the time to allow for updates to www.acu-link.com. The display console needs to be set to USB mode 3 or 4. You may set your PC to turn off its display, but if your PC goes into "sleep" or power saving mode- uploads to www.acu-link.com will stop.

Uploading to Your www.acu-link.com Account

1. The display console needs to be set to USB mode 3 or 4.
2. Click the "Upload" menu option in the PC Connect Software.
3. Enter your display console MAC address (located on a label on the back).
4. CAUTION: DO NOT CLICK "REGISTER" if you have an existing account on www.acu-link.com as this will mark your display console as a new display console and wipe all existing data from the Acu-Link servers. If this is your first time setting up your display console to upload data to www.acu-link.com, click the "REGISTER" button to continue.
5. Click the "ENABLE" check box to enable the connection to the server.
6. Click the "Test Data Send." The Status readout at the bottom of the upload window should indicate that data was "updated OK."
7. Click "OK" to save settings and exit the upload window.

The PC must remain on and the software be running to continue uploading data to www.acu-link.com and to the Acu-Link mobile App.



To view and store your information on-line or on the mobile app, you must have an account at www.acu-link.com. You must then enter your display console MAC address (located on a label on the back of the display console) into your account on www.acu-link.com by going to "setup my bridge" on the drop down menu on the website.



Download Function

General Information

This AcuRite product features internal memory that can store up to 2 weeks of weather data from your 5-in-1 wireless sensor. After installing the PC Connect software, you may then manually “download” the weather data from your display console to your PC as a .CSV (comma separated values) file.

Weather data can be downloaded to your PC as often as every 13 minutes if you wish. Weather data is recorded to the internal memory on the display console approximately every 12 minutes until memory is full (about two weeks). At that point, the display console will notify you in the “Weather Ticker” display area that the memory is full. Once you perform a “DOWNLOAD” from the PC Connect software, the display console memory is then cleared to begin storing data again.

Downloading weather data from your Display Console

1. The display console needs to be set to USB mode 1 or 3.
2. Click the “Download” menu option.
Choose “METRIC” if you would like data to be saved to the .csv file in metric units.
Choose “APPEND” if you wish to add the new data to an existing (previously created) .CSV file on your PC.
3. Click the “Download Memory from Console to PC” button.
4. Choose a location and enter a file name.
If you chose “APPEND,” navigate to the existing (previously created) .CSV file on your PC instead.
5. The Status readout at the bottom of the download window will display “Please Wait.” It may take up to a minute for the data to be compiled and downloaded from the console. The Status readout will notify when the file has been created.
6. Click “OK” to exit the download window.

NOTE: The .CSV file can be opened and viewed in a multitude of applications, most basic and advanced text readers and applications can readily open the .CSV file format.



Additional Information

Barometric Pressure

You may note that the barometric pressure numerical display on the display console, the PC Connect software and on www.acu-link.com/ acu-link app do not all match for specific reasons. The following outlines what pressure is being displayed:

DISPLAY CONSOLE displays the "AcuRite" adjusted pressure that is being used to chart the pressure changes specifically to drive the "FORECAST" icon.

PC CONNECT LIVE WEATHER DISPLAY will show the actual unadjusted pressure reading directly from the pressure sensor component installed in the connected USB Display Console. This will be closest to your actual barometric pressure.

ACU-LINK WEBSITE AND MOBILE APP will display the "AcuRite" adjusted pressure that is being used to chart the pressure changes specifically to drive the weather select "FORECAST" features.

Display Console USB Modes Overview

	CONSOLE STORAGE	UPLOAD TO ACU-LINK **	
USB MODE 1	✓		
USB MODE 2			Default Mode STAND-ALONE WEATHER STATION
USB MODE 3	✓	✓	
USB MODE 4		✓	

* internal display console memory is not expandable

** Requires an "always-on" internet connection for continuous data streaming

PC Connect Requirements

A PC running Windows® XP, Windows® Vista, or Windows® 7 with an available USB port.

A high speed internet connection is required to use the UPLOAD features of the PC Connect software and Acu-Link system.

Acu-Link.com Requirements

A PC or Mobile device with a Flash-enabled web browser and an internet connection.

Acu-Link Mobile App

The Acu-Link mobile app is available on the Apple App Store and on the Android Market.

IMPORTANT: The PC Connect software needs to be re-started manually if you change the USB Mode on the Display Console.



Troubleshooting

Problem	Possible Solutions
<p>PC Connect Software is not displaying the same weather data as my display console</p>	<p>The software may take up to 1 minute upon starting up to receive the data from the display console. Check that the USB cable is securely connected to the display console AND to your PC USB port. Confirm that the correct USB mode is selected on your display console. Restart the PC Connect Software. Unplug the USB cord from your PC for about 1 minute, re-insert. USB port may be malfunctioning, try another USB port USB cord may be malfunctioning, try another USB cord</p>
<p>I Cannot Access my Data Online or from the APP</p>	<p>Confirm that the status readout in the PC Connect Software on your PC indicates that data was uploaded OK. Make Certain that you have created an account or logged into your existing account on www.acu-link.com, and that you have setup your display console "BRIDGE" online as well. Check that the USB cable is securely connected to the display console AND to your PC USB port. Make Certain that the display console is powered on. Make Certain that the PC that the display console is connected to is always powered on. Make Certain that the PC that the display console is connected to is always connected to the internet. Confirm that the display console USB mode is 3 or 4. Confirm your display console unique ID - MAC number is entered into the "UPLOAD" window correctly in the PC Connect Software on your PC. Confirm that the "ENABLE" box is checked in the "UPLOAD" window in the PC Connect Software on your PC. Confirm your display console unique MAC number is entered into your online account correctly at www.acu-link.com and on the mobile app. Restart the PC Connect Software. Restart your PC.</p>
<p>Bad 5-in-1 Wireless Sensor Reception</p> 	<p>Relocate the display console and/or the wireless sensor. Both units must be within 330 feet (100m) from each other. Make sure both units are placed at least 3 feet (.91 m) from other electronic appliances and devices that may interfere with the wireless communication (such as TV's, microwaves, computers etc). NOTE: It may take up to 20 minutes for the main unit to re-synchronize with the sensor when batteries are replaced. Use lithium batteries in sensor when temperature is below -4°F (-20°C).</p>
<p>No Sensor Reception</p>  <p>no bars and flashing " - " data</p>	<p>If wireless reception is bad (no bars) on your display console, see "Bad Reception" section above. The wireless ID switch settings on the display console and the 5-in-1 sensor must match for all units to communicate properly.</p>
<p>Display Console Screen Not Working</p>	<p>Batteries may need replacing. Check that AC adaptor is fully inserted if running off AC power only. Press the "RESET" button with a paperclip or similar instrument.</p>



www.AcuRite.com



(877) 221-1252