AcuRite Connect Software
for USB-enabled 5 in 1 Weather Stations
Windows 7, Windows 8 and Windows 8.1

ACU›RITE

connect

Questions? Contact Customer Support at (877) 221-1252 or visit www.**AcuRite**.com.

SAVE THIS MANUAL FOR FUTURE REFERENCE.

ACU·RITE.

- Download data from your weather station to a PC (CSV file). On-demand and/or scheduled downloads.

- Upload weather data to the cloud for remote access from a compatible smartphone, tablet and/or computer.

  - AcuRite Streaming (AcuLink iOS/Android app and Web Portal)
  - Weather Underground (via AcuLink Web Portal)
  - Weather Underground (via AcuRite Connect with Rapid Fire updates)

- Includes option to prevent computers from going into sleep mode (for continuous data access).

System Requirements

OPERATING SYSTEM	Windows 7, 8, 8.1
PROCESSOR	1 GHz or greater
RAM	1 GB (32-bit) or 2 GB (64-bit)
INTERFACE	USB port
INTERNET	High speed internet is required for some advanced features of AcuRite Connect, such as the AcuRite software and app.

SETUP

Getting Started

1. Download AcuRite Connect software to your computer by visiting: http://www.acurite.com/kbase/downloads/AcuRite-Connect.html Or, navigate to the link above using the following path: www.acurite.com > Support > Downloads > AcuRite Connect

NOTE: AcuRite Connect software is compatible with Windows 7, Windows 8 and Windows 8.1 only. This application is not compatible with Mac-based computers.

2. Open the [EXE] file downloaded in step 1, and follow the on-screen instructions to install the software.

3. Once the installation has finished, follow configuration instructions for the application.

NOTE: Users of models 01025, 01035, 1036, 01525, or 02032 will need to set their weather station display to USB mode 3 (streaming + data transfer) or 4 (streaming).
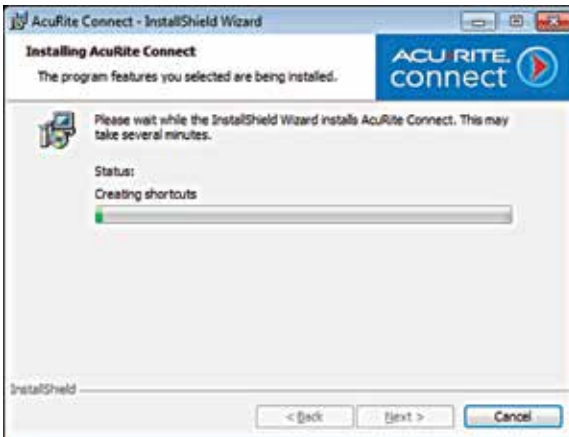

❶ InstallShield welcome screen. Click "Next."

❷ Review and accept End User License Agreement, Terms of Use and Privacy Policy. Click "Next."

3 Click "Install" to proceed with installation.

4 Accept additional prompts to continue installation (if applicable). Wait for installation to complete.

5 Once installation is complete, click "Finish."

Configuration

ACU·RITE Connect

Initial Configuration - Step 1

Please specify a location where AcuRite Connect will save your weather data:

C:\acurite\AcuRite Weather Station   [Open...]

[Next]

1 AcuRite Connect allows you to transfer data from your weather station to your computer, where it is stored in a [CSV] file. Click "Open..." to change the default location where these data files will be stored. A folder named "AcuRite Weather Station" will be created in this location. Click "Next" to proceed.

ACU·RITE Connect

Initial Configuration - Step 2

If PC Connect or Weather Service software was installed previously, do you want to move all of your existing ".CSV" files to the new folder you chose for AcuRite Connect?

○ Yes
○ No

[Next]

2 Choose whether to move existing [CSV] files from legacy software to the location selected in step 1. Click "Next" to proceed.

ACU·RITE Connect

Initial Configuration - Step 3

Please verify that PC Connect is no longer installed; if still installed please removed it manually after AcuRite Connect setup is finished.

[Next]

3 We strongly recommend that you uninstall PC Connect (legacy software, if applicable) before installing and using AcuRite Connect. AcuRite Connect will now uninstall PC Connect at this time. Please accept uninstallation prompts that may appear. Click "Next" to continue with the installation of AcuRite Connect.

ACU·RITE Connect

Initial Configuration - Complete

Initial configuration is complete. AcuRite Connect software will now start automatically so that you can set up your preferences.

[Next]

4 Once configuration is complete, click "Next" to begin using the application.

Connect AcuRite Weather Station Display

❶ Connect Your Weather Station Display To The PC

When prompted by the application, connect your weather station display to the PC with the included USB cable.

- Users of models 01025, 01035, 1036, 01525, or 02032 will need to set their weather station display to USB mode 3 (streaming + data transfer) or 4 (streaming).
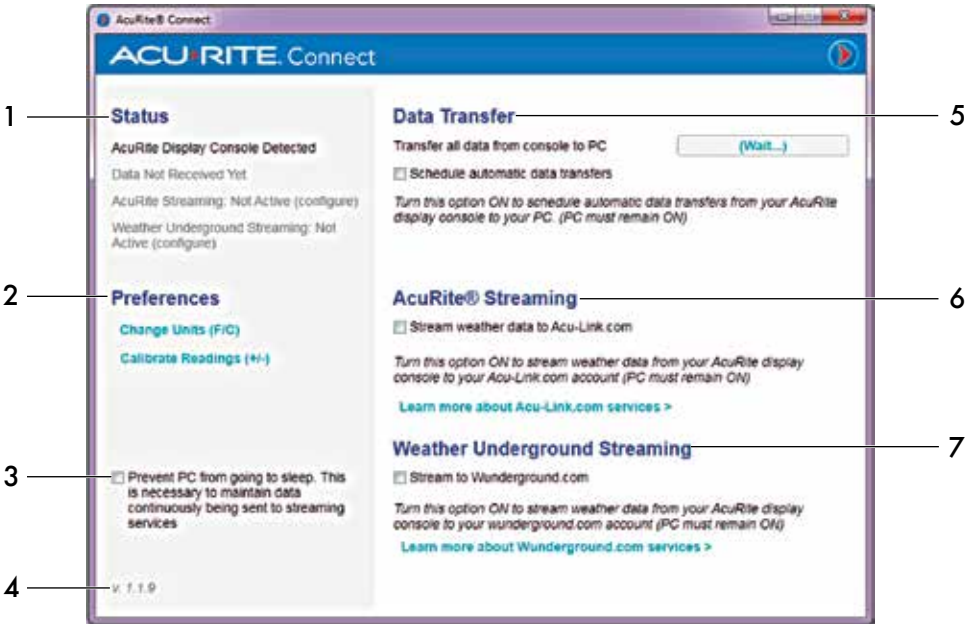

❷ AcuRite Connect Dashboard

- Once the display is successfully connected, the AcuRite Display Console status will show as "Detected."

- After a few moments, the USB Data Received status will change to "OK," followed by a timestamp. The timestamp will update each time the application receives data from the display.
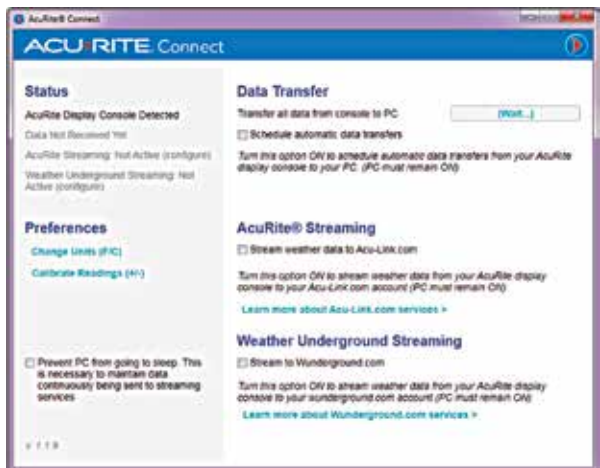
Features

Main Software Window

1. Status
- Display connection status
- Data Received/Not Received status
- AcuRite Streaming status
- Weather Underground Streaming status

2. Preferences
- Set units of measurement
- Manually calibrate weather data

Important: Manual calibrations will be present in data files, AcuLink.com, and Weather Underground.

3. PC Sleep Mode
- Prevent PC from entering sleep mode
- Ensure continuous data streaming

4. Application Version

5. Data Transfer
- Transfer data from your weather station display manually or schedule automated data transfers
- Select location to save data transfers

6. AcuRite Streaming
- Stream data from your weather station to AcuLink.com and AcuLink iOS/Android mobile apps

7. Weather Underground Streaming
- Stream data from your weather station directly to Weather Underground
- Optional Rapid Fire updates

Preferences

❶ Measurement Units

Select measurement units of data displayed in CSV file transfers.

- Temperature: °F or °C

- Pressure: inHg or hPa

- Wind Speed: MPH, KPH or Knots

- Rainfall: Inches or MM

- Click "DONE" to apply changes. Click "CANCEL" if you do not wish to apply changes.

❷ Calibration

Calibration can improve accuracy when sensor placement or environmental factors impact the data accuracy. Calibrated values will be present in CSV data file transfers, AcuLink streaming, and Weather Underground streaming.

- Outdoor Temperature

- Outdoor Humidity

- Indoor Temperature

- Indoor Humidity

- Barometric Pressure

- Click "DONE" to apply changes. Click "CANCEL" if you do not wish to apply changes.
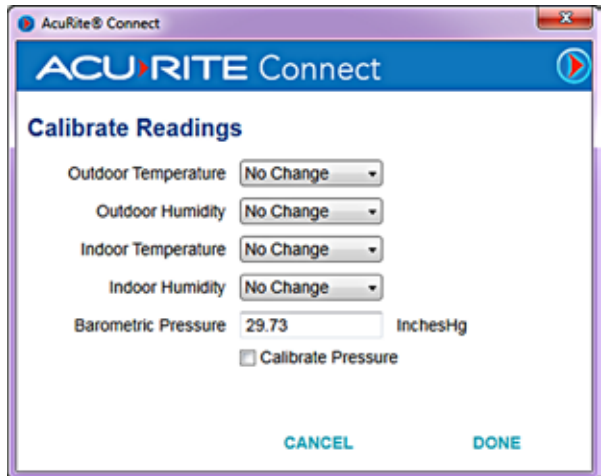
PC Sleep Mode

AcuRite Connect requires that your computer remain powered on and connected to the Internet in order for all streaming features to work properly. The software includes a built-in feature that is designed to prevent your computer from going into sleep mode.

- To enable this feature, check the box next to "Prevent PC from going to sleep."
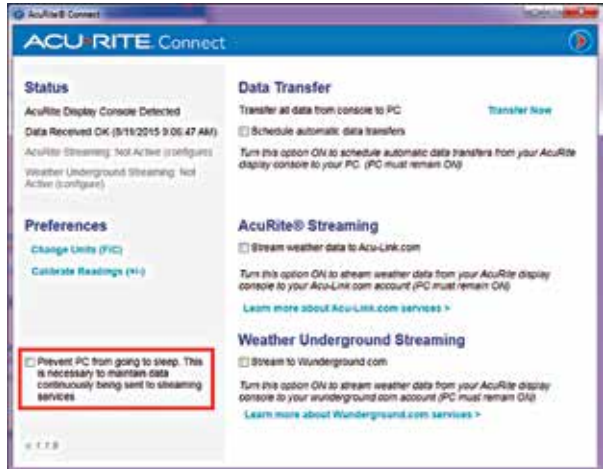
Data Transfer Setup: Manual Transfer

❶ Transfer All Data From Weather Station Display Manually

- Immediately transfers data from the weather station display into a [CSV] file on the PC.

- To manually transfer data from your weather station display, click "Transfer Now."

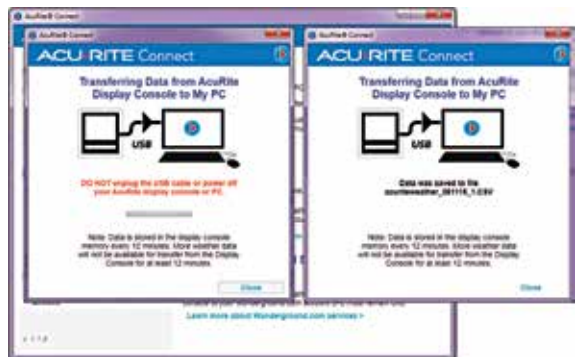- The application will ask where you wish to save the data file.

NOTE: Users of models 01025, 01035, 01036, 01525, or 02032 will need to set their weather station display to USB mode 3.

❷ Select File Location
Files will be stored in the "AcuRite Weather Station" folder in the selected location. If this folder does not exist in the selected location, it will be created automatically.

NOTE: To avoid loss of data, do not unplug the display or interrupt the data transfer process.

- Once a location for the data file has been selected, the application will begin transferring data from the display to the PC.

- When the data transfer is complete, the application will confirm that the data file was saved and provide the name of the file.

- Click "Close" to exit.

Data Transfer Setup: Scheduled Transfers

❶ Schedule Automated Data Transfers

- Schedule how often you to automatically transfer data from your weather station display to the PC.
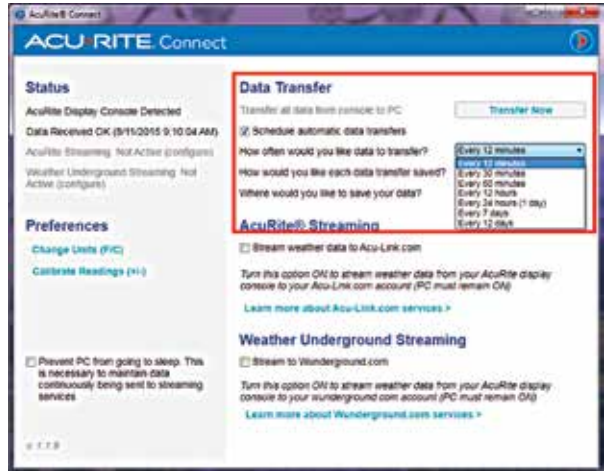
Data files can be scheduled to automatically transfer: every 12 minutes, 30 minutes, 1 hour, 6 hours, 24 hours, 7 days or every 12 days.

- To enable this feature, check the box next to "Schedule automatic data transfers."

- Next, select frequency of data transfer from the drop-down menu.

NOTE: Users of models 01025, 01035, 01036, 01525, or 02032 will need to set their weather station display to USB mode 3.

➋ Select Save Method

Select how AcuRite Connect will save your [CSV] data files. Available methods include:

- New dated file: Creates a new timestamped file each time data is transferred from the display.

- Append to a single file: Continuously adds new data transfers to a single, cumulative file.

NOTE: To avoid loss of data, ensure that the [CSV] file is closed before initializing a new data transfer. Do not unplug the display or interrupt the data transfer process.

➌ Select Save Location
(optional)

- Select where to save transferred data file(s), if you wish to change the location selected during initial setup.
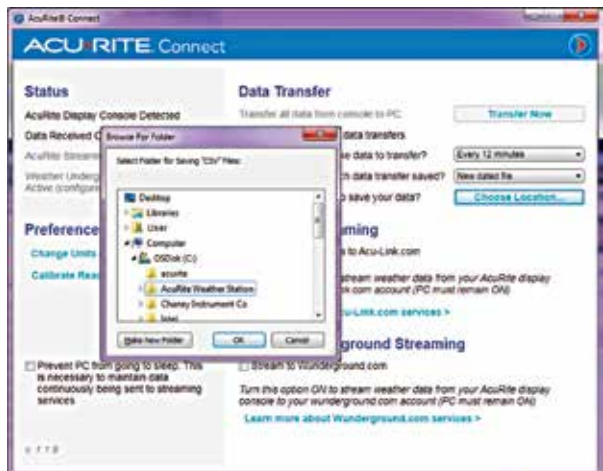
# AcuRite Streaming (AcuLink mobile apps and online portal)

❶ Remotely Access Your Data From Aculink.com Or Aculink Mobile Apps

- To enable this feature, check the box next to "Stream weather data to Acu-Link.com."

- If you are a new user, or an existing user adding a new display to your AcuLink.com account, select "New User / Register Display" from the drop-down menu and click "SETUP."
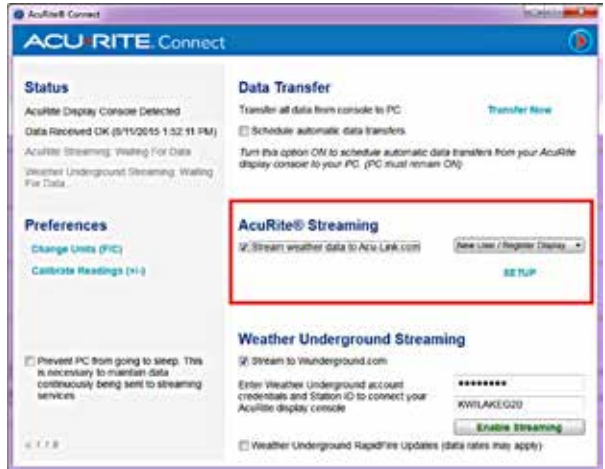
❷ Enter MAC Address

- Locate the MAC address on the back of your weather station display. The MAC address will begin with "24C86E." Enter the last 6 digits of the MAC address into the box of step 1. The first 6 characters have already been added for you.

- Confirm your MAC address by re-entering the same 6 digits into the box of step 2.

- Click the "Send Registration" button.

- You should receive a confirmation message on the screen that your registration has been sent. Once you receive that message, click "OK."

- Click "Create online account at AcuLink.com" in step 4. You will be taken to the AcuRite My Backyard Weather website where you will create your account.
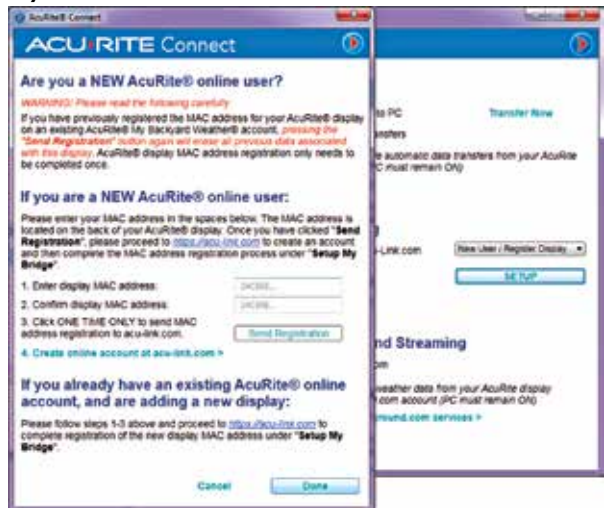
❸ Register Your Display

After creating your account, you will be taken to the "My Dashboard" page.

- To register your AcuRite display, click the "Register My Acu-Link Bridge Device" button near the center of the screen. If this button is not present, click the drop-down menu in the upper right-hand corner of screen and select "Setup My Bridge."

You will be taken to a new page titled "My Web Bridges" where you will complete the registration process for your AcuRite display.

- Click the green "+" button to add your display.

- Enter your MAC address from your display in the space provided.

- Select your time zone from the drop-down menu.

- If the display is located at the address you entered during account setup, check the corresponding box. If the address is different, enter the new address in the spaces provided.

- OPTIONAL: Bridge Loss of Communication Alert - Setup a text or email alert to notify you in the event of a power or network outage.

- Click "Save" when complete.

❹ Enable Streaming

Once you are finished entering your information at AcuLink.com, return to the AcuRite Connect application to complete the setup process.

- Click "Done" at the bottom of the setup screen.

- Click "Enable Streaming" to being sending data from your display to AcuLink.com and AcuLink mobile apps.

- The AcuRite Streaming status indicator will switch from gray to black and show "Active" once this process is complete.
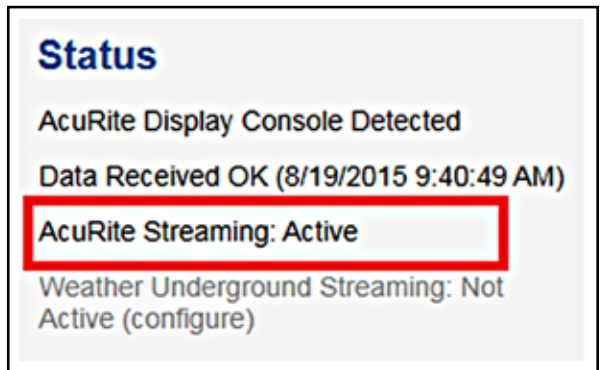
NOTE: It may take a few minutes for your data to begin appearing on the website. You may need to refresh your browser at this time.

NOTE: After creating an account on AcuLink.com, you will automatically see weather data from the AcuRite Headquarters. To unsubscribe from this data, click the drop-down menu in the upper right-hand corner of screen and select "Follow My Friend's Bridge." Select the red "X" to remove the AcuRite HQ information.

Stream Data to Weather Underground from AcuLink.com

AcuLink.com allows you to share data from your weather station to Weather Underground. Data is sent from AcuLink.com to your Weather Underground account as often as every 15 minutes. Rapid Fire Updates are NOT supported by this method of streaming.

To begin sharing your data on Weather Underground, navigate to **http://www.wunderground.com** to create an account, then register your AcuRite Weather Station.

Enable Streaming

- To enable this feature, click "Share My Bridge" from the drop-down menu on the upper right-hand corner of the screen.

- Select your weather station display and sensor from the drop-down menus.

- Enter your Weather Underground Station ID and password.

- Check the box next to "Enable Weather Underground Sharing."

- Click "Save."

NOTE: If you enable streaming to Weather Underground from AcuLink.com, you do not need to set up Weather Underground steaming from the AcuRite Connect application.

Stream Data to Weather Underground from AcuRite Connect
(with optional Rapid Fire updates)

AcuRite Connect users have the option to stream data directly from their weather station to Weather Underground, where this data can be shared online with other Personal Weather Station users. Rapid Fire updates ARE supported. For more information about Weather Underground and their services, you can visit them online at:

http://www.wunderground.com/weatherstation/overview.asp

To begin sharing your data on Weather Underground, navigate to **http://www.wunderground.com** to create an account, then register your AcuRite Weather Station.

- After you have created your Weather Underground account and registered your weather station, check the box next to "Stream to Wunderground.com."

- Enter the Weather Underground account password and the Station ID for your Personal Weather Station in the spaces provided.

- Click "Enable Streaming" to begin sending data to Weather Underground.

- The Weather Underground Streaming Status indicator will switch from gray to black and show "Active" once all information has been correctly entered and data is being sent to Weather Underground.

NOTE: If you previously enabled Weather Underground streaming from AcuLink.com, please go to "Share My Bridge" to disable the feature on your AcuLink.com account to avoid possible duplication of data.

Rapid Fire updates are an optional feature for Weather Underground users that allows for more frequent uploads of data from your weather station to your Weather Underground account. Your AcuRite Weather Station can send data to Weather Underground as often as every 18 seconds.

- To enable Rapid Fire updates, check the box next to "Weather Underground Rapid Fire Updates."

NOTE: Rapid Fire updates will result in significantly more data being sent over your Internet connection, which may result in higher charges from your Internet Service Provider.

Frequently Asked Questions

Where do I set the USB Mode in the AcuRite Connect application?

- There is no USB mode setting in the AcuRite Connect application.

- If you are using AcuRite weather station model 02064, there is no USB mode setting on the display. Simply open the AcuRite Connect application and connect your display to your computer using the included USB cable.

- If you are using AcuRite weather station models: 01025, 01035, 01036, 01525 or 02032, you will still need to set the USB Mode from your display to USB mode 3 before connecting your display to the computer.

Is AcuRite Connect compatible with Mac?

- No, AcuRite Connect is compatible with Windows 7, Windows 8 and Windows 8.1 at this time.

Rapid Fire Updates – How often does my weather station send data to Weather Underground when Rapid Fire Updates are enabled?

- AcuRite Weather Stations upload data to Weather Underground as often as every 18 seconds when the Rapid Fire Updates feature is enabled within the AcuRite Connect application.

- Rapid Fire updates are only supported when streaming directly from the AcuRite Connect application. In order to avoid the potential duplication of data on your Weather Underground account, we strongly recommend that you enable streaming from either AcuRite Connect or AcuLink.com but not both at the same time.

When is the next version of AcuRite Connect going to be released? Does the software have an auto-update feature?

- AcuRite Connect does not currently have an auto-update feature. We will notify consumers on our website regarding any future updates to the application.

Cannot write to *.csv files when they are open?

- Please note that if you open the [CSV] data file when a data transfer is scheduled to occur, the application will not be able to write data to this file and the data will be lost. You must keep the file closed during scheduled transfers in order to ensure no interruptions in data being sent to and saved on your computer.