

AcuRite® Atlas™

Indoor Display
model 06061



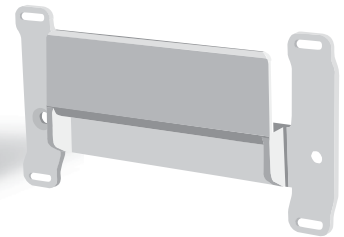
How It Works

AcuRite® Atlas™ is an environmental monitoring station that delivers key information on current outdoor conditions in your exact location. The outdoor device contains sensors that read temperature, humidity, wind speed and direction, rainfall, UV, light intensity, and optionally lightning (requires optional Lightning Detection Sensor; may be purchased separately). These readings are transmitted over a 433 MHz wireless radio frequency (RF) to be received by the AcuRite Atlas indoor touch screen display.

NOTE: To view your outdoor readings online from My AcuRite an AcuRite® Access™ is required; may be purchased separately.

Package Contents

- AcuRite® Atlas™ Indoor HD Display
- AC Power Adapter for Display
- Wall Mounting Bracket (optional)



Set Up Your Indoor Display

1 Plug In

Plug in the power adapter. Once the display is powered on, it will help guide you through the next steps.



2 Lift Antenna

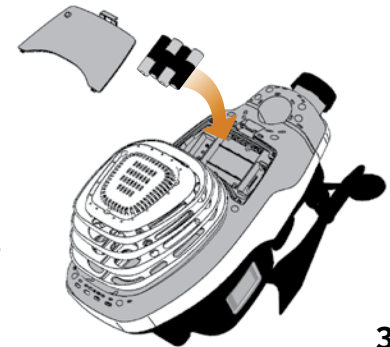
On the top of the display, lift the antenna for optimal signal reception.



3 Install Batteries

In the battery compartment of the AcuRite® Atlas™ outdoor device, install four AA alkaline or lithium batteries. Lithium batteries are recommended in low temperature conditions, especially below -4°F / -20°C .

Note: Heavy duty or rechargeable batteries are not recommended.

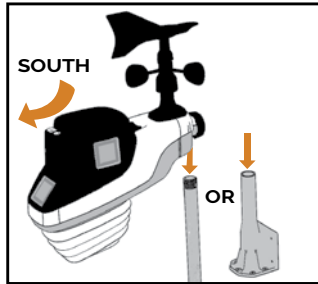


4 Mount Outdoor Device

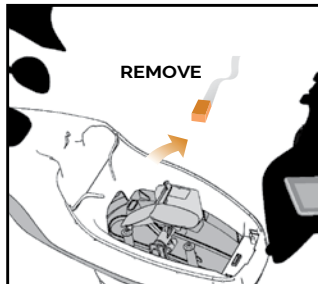
For more details on outdoor device setup and placement, see the outdoor device instruction manual.

1. Find a suitable place to mount the outdoor device:

- At least 5 feet (1.5 meters) off the ground
- Rear solar panel facing south
- Away from heat and humidity sources
- Level for accurate rain reporting



2. Remove rain gauge stabilizer from outdoor device.



5 Set Up Display


Follow the on-screen prompts to set the time, date, and units of measurement.

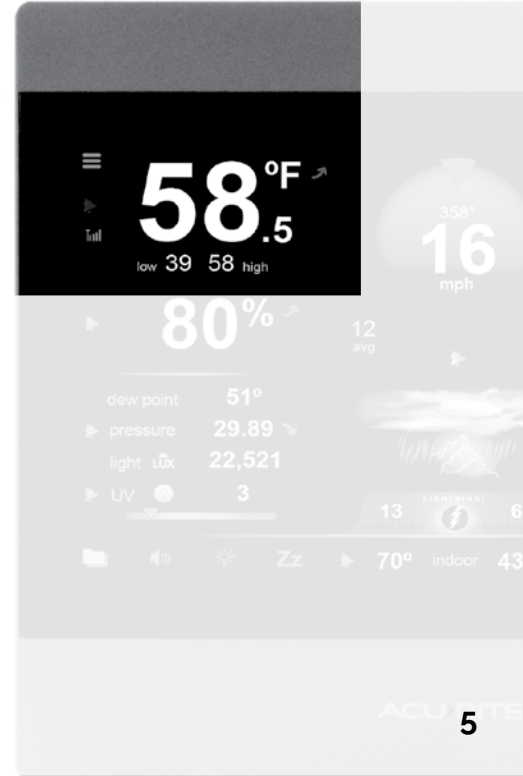


How To Add An Outdoor Device

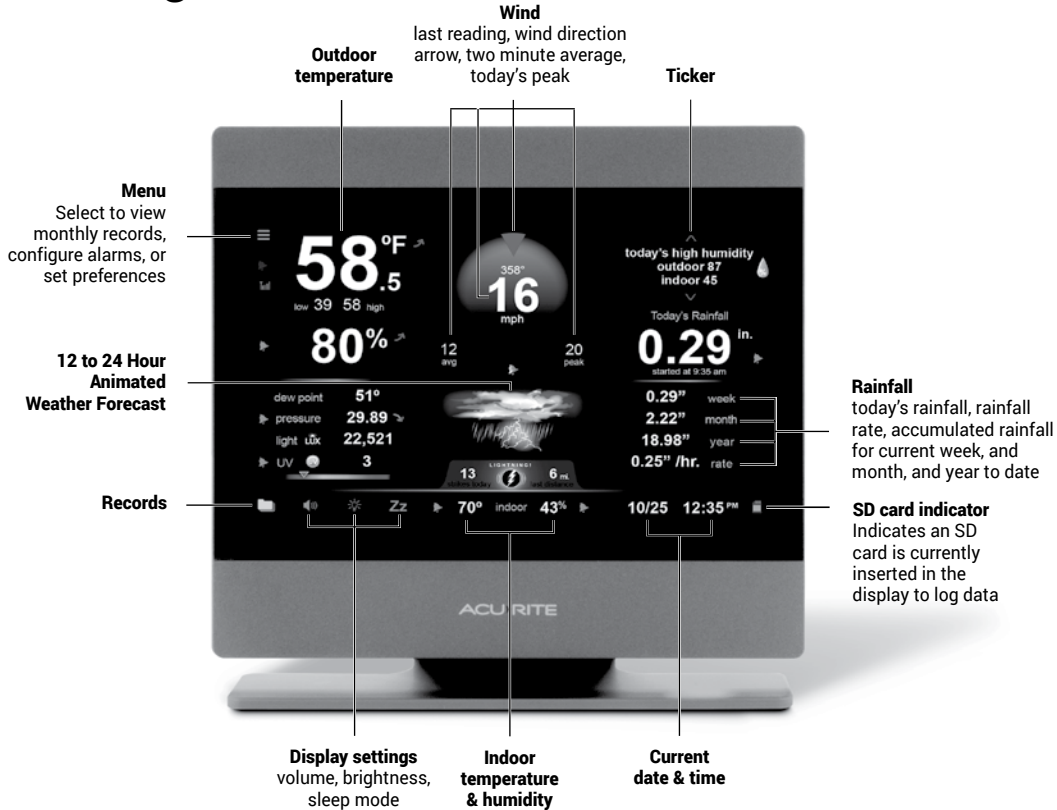
To view your AcuRite outdoor device readings from an indoor display, the device must be added to the display.

Note: This procedure is also required to be completed if you are replacing an outdoor device.

1. Verify the outdoor device is **powered on**.
2. From the top-left section of the indoor display, select the **Menu icon (☰)** 
3. Select **Sensors**.
Note: If you're replacing an outdoor device, select **Remove A Sensor** and remove the batteries and power from the outdoor device that is being replaced.
4. Select **Add A New Sensor**. The indoor display searches for any outdoor devices in wireless range. This may take a couple minutes.
5. Once the outdoor device has been located, select **Add A Sensor**. If more than one outdoor device has been detected, you may need to scroll up and down to select the appropriate device.



Features & Settings



Time And Date Settings

You can set the indoor display's time and date settings, including the time zone, Daylight Saving Time, and the time and date format.

How To Set Time and Date Formats

1. From the top-left section, select the **Menu** icon (☰).
2. Select **Setup**.
3. From the time and date setting section, set the settings. Follow the on-screen instructions.
4. Select **Save**.

Note: The selected hour determines whether the time is a.m. or p.m.

Unit Of Measurement Settings

You can set the unit of measurement displayed for barometric pressure, temperature, wind direction, wind speed, rainfall, and lightning distance.

How To Change Unit Of Measurement Settings

1. From the top-left section, select the **Menu** icon (☰).
2. Select **Units**.
3. Select the unit setting(s).
4. Select **Save**.

Display Appearance Settings

You can set the indoor display's brightness, contrast and tint levels, backlight dimming and sleep mode, and how often the display rotates between the main screen and records.

How To Change Display Appearance Settings

1. From the top-left section, select the **Menu** icon (☰).
2. Select **Display**.
3. Adjust the display settings:
 - **Adjust Display** – set the display's brightness, contrast and tint levels.
 - **Display Mode** – set how often the display rotates between the main screen and the records screen.
 - **Backlight** – set the backlight, auto-dim, and sleep mode settings.

Charts & Monthly Records

The indoor display stores in its local memory the last 48 hours of readings that are displayed in charts and the monthly reading records.

- **Charts**
Available for Indoor and Outdoor Temperature and Humidity, Barometric Pressure, Light Intensity, UV, Wind Speed, Lightning, and Rainfall.
- **Monthly Reading Records**
Shows high, low, and accumulation reading records by month.

How To View A 6 Or 48-Hour Reading Chart

1. From the main screen, select a reading type.
2. From the top-section of the screen, select **last 48 hours** or **last 6 hours**.

How To View Monthly Reading Records

1. From the top-left section, select the **Menu icon** (☰).
2. Select **Records > Calendar**.
3. To change the month displayed, use the left or right arrow to select a month.

How To Delete Today's Records

You can delete the current day's readings – this feature is commonly accessed when inaccurate readings occur during the setup procedure or due to outdoor device mounting changes.

1. From the top-left section, select the **Menu icon** (☰).
2. Select **Records**.
3. Select **Clear Today's Records**. Today's records for all reading types are permanently deleted.

Save Extended Historical Readings (Optional SD Card)

The indoor display stores the last 48 hours of readings in its local memory. If you want to save detailed historical readings, you can automatically log the readings on an SD Card (not supplied).

- The indoor display can use an SD Card with up to 32 GB of space.
- Readings are saved to the SD Card every 10 seconds.
- Calibrations made to readings on the indoor display will also be reflected in readings sent to the SD Card.

ALARMS

Alarms provide a quick and easy way to know when a condition you are monitoring has reached a certain threshold. When a condition set in an alarm is reached, the indoor display activates an alarm notification – including an audible alarm and a flashing alarm indicator on the display.

About The Alarm Features

- Alarms can be set for temperature, humidity, rainfall, wind speed, time, and forecasted storms.
- Set the audible alarm volume or set the volume to off.
- Set a single alarm or all alarms to be disabled – for those times you do not want to be disturbed.

How To Set An Alarm

1. From the top-left section, select the **Menu** icon (☰).
2. Select **Alarms**.
3. Select **Indoor** to configure alarms on readings taken by the display. Select **Outdoor** to configure alarms on readings taken by the outdoor device.
4. Using the left and right arrows, select an alarm type > select **Next**.
5. Set the condition that activates the alarm. When the condition is reached, an alarm notification is activated.
6. Verify the alarm icon is set to **ON**.
7. Select **Save** and **Exit**.




How To Adjust The Alarm Volume

1. From the bottom-left of the display, locate the alarm volume 🔊 icon.
2. To adjust the alarm volume, press the alarm volume icon to the desired level.




To turn off the audible alarm, adjust the level until 🔊X is displayed. When set to off, only the active alarm notification icon flashes as a visual notification that an alarm is active.

How To Silence An Active Alarm

1. Push anywhere on screen to clear the current notification. The alarm will trigger again the next time the parameter is reached.
2. Press the button  twice to disable the alarm. The alarm will not trigger again unless it is turned back on in **Alarm Settings**.

How To Disable A Single Alarm

1. From the top-left section, select the Menu icon (☰).
2. Select **Alarms**.
3. Select **Indoor** to configure alarms on readings taken by the display.
Select **Outdoor** to configure alarms on readings taken by the outdoor device.
4. Using the left and right arrows, select the reading type of the alarm to be disabled > select **Next**.
5. Select the alarm icon until it displays **OFF**. 

How To Disable All Alarms

1. Select **Alarms**.
2. Select **Indoor** to configure alarms on readings taken by the display.
Select **Outdoor** to configure alarms on readings taken by the outdoor device.
3. Using the left and right arrows, select **Turn All Alarms Off**.
4. Select **Next**. All alarms are disabled.
5. Select **Save** and exit.

READING CALIBRATIONS

When placement or an environmental factor may impact temperature, humidity, or barometric pressure readings, setting a calibration adjustment can improve accuracy.

Note: Calibration adjustments are only applied to readings displayed on the indoor display and stored on the optional SD card. If your outdoor device readings are also sent to My AcuRite, the calibration adjustments set in the indoor display are not sent to My AcuRite or Weather Underground.

How To Set A Reading Calibration

1. From the top-left section, select the **Menu** icon (☰).
2. Select **Calibrate**.
3. Select **Indoor** to adjust readings taken by the display.
Select **Outdoor** to adjust readings taken by the outdoor device.
4. Using the up and down arrows, select the reading type to be calibrated > select next.
5. Using the up and down arrows, set an adjustment.
6. To save the calibration adjustment, select **done**.

Specifications for Indoor Display Sensors

TEMPERATURE RANGE
Indoor: 32°F to 122°F; 0°C to 50°C

HUMIDITY RANGE
Indoor: 1-100% RH

BAROMETRIC PRESSURE
16 to 32.50 inHg

HAVING PROBLEMS?

We're Here to Help.

Visit us online  www.AcuRite.com

Get more information or download the full
AcuRite Atlas™ product manual.

FCC Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- 1- This device may NOT cause harmful interference, and
- 2- This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

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Visit www.AcuRite.com/patents for details.

Limited One (1) Year Warranty

AcuRite is a wholly owned subsidiary of Chaney Instrument Company. For purchases of AcuRite products, AcuRite provides the benefits and services set forth herein. For purchases of Chaney products, Chaney provides the benefits and services set forth herein.

We warrant that the AcuRite Atlas Environmental Monitoring station premium product we manufacture and cover under this warranty is of good material and workmanship and, when properly installed and operated, will be free of defects for a period of one (1) year from the date of purchase.

The AcuRite Atlas Environmental Monitoring station which, under normal use and service, is proven to breach the warranty contained herein within ONE (1) YEAR from date of sale will, upon examination by us, and at our sole option, be repaired or replaced by us. Transportation costs and charges for returned goods shall be paid for by the purchaser. We hereby disclaim all responsibility for such transportation costs and charges. This warranty does not cover normal wear and tear not affecting the functionality of the product, or products that have been damaged (including by acts of nature), tampered with, abused, improperly installed, or repaired or altered by anyone other than our authorized representatives. Remedy for breach of this warranty is limited to repair or replacement of the defective item(s). If we determine that repair or replacement is not feasible, we may, at our option, refund the amount of the original purchase price (excluding shipping).

THE ABOVE-DESCRIBED WARRANTY IS THE SOLE WARRANTY FOR THE ACURITE ATLAS ENVIRONMENTAL MONITORING STATION PREMIUM PRODUCT AND IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. ALL WARRANTIES OTHER THAN THE EXPRESS WARRANTY SET FORTH HEREIN ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT PERMITTED BY LAW.

We expressly disclaim all liability for special, consequential, or incidental damages, whether arising in tort or by contract from any breach of this warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. We further disclaim liability from personal injury relating to its products to the extent permitted by law. By acceptance of any of our products, the purchaser assumes all liability for the consequences arising from their use or misuse. No person, firm or corporation is authorized to bind us to any other obligation or liability in connection with the sale of our products. Furthermore, no person, firm or corporation is authorized to modify or waive the terms of this warranty unless done in writing and signed by a duly authorized agent of ours. In no case shall our liability for any claim relating to our products, your purchase or your use thereof, exceed the original purchase price paid for the product.

WARRANTY CLAIMS

To file a claim against this Limited Warranty, users must

1. Contact AcuRite Support at support@chaney-inst.com and provide opportunity for Customer Support to resolve any issue
2. In the event that an issue cannot be resolved over the phone, customer shall send the product(s) in for evaluation to AcuRite at the contact address (see below)
3. Chaney Instrument Service department will repair or replace product as necessary after evaluation

The terms of this Limited Warranty shall be governed in all respects by and construed in accordance with the laws of the State of Wisconsin, USA, without regard to its conflicts of law principles, and exclusive jurisdiction over any cause of action arising out of this Limited Warranty or your use of the product shall be in the state court located in Walworth County, Wisconsin. You agree to submit to the jurisdiction of such court.

Contact Information

If you have questions about this Limited Warranty, please contact us at:

AcuRite
Attn: Warranty Inquiry
965 Wells St, Lake Geneva, WI 53147
warranty@chaney-inst.com