

## AcuRite Air - Indoor Air Quality Monitor

### Track temperature, humidity, PM2.5 levels in your home

AcuRite Air measures the indoor temperature, humidity, and particulate matter (PM2.5) level and gives you real-time insight into your indoor air quality. By keeping track of indoor air quality, you can make healthier decisions in your home or office, where you spend most of your time.

#### WHAT'S INCLUDED:

- AcuRite Air
- Micro USB power cord with AC power adapter
- Instruction Manual

#### PLACEMENT TIPS

Proper product placement ensure it can provide accurate readings.

- Make sure it is at the right height and has good airflow  
 Height: place at sitting or standing level, typically 3 to 6 feet (0.9 to 1.8 m) above the floor.  
 Airflow: include at least 2 inches (5.08 cm) of clearance from walls or other solid objects.
- Avoid placing by direct sunlight or near heat sources
- Avoid placing in an area where airflow changes often, such as by air conditioning and heat vents, fans, doors, or windows

#### 1 POWER ON

From the backside of the device insert the Micro USB power cord and plug the power adapter into an electrical outlet.

#### 2 SET TO YOUR LOCAL TIME AND TEMPERATURE UNITS

Press and hold the SETTING button for 3 seconds. Once in set mode, the preference you are currently setting will blink on the display. To adjust the currently selected flashing item, press and release the ▲ or ▼ buttons. To save your adjustments, press and release the ⚙️ button again to adjust the next preference. The preference set order is as follows:

- 12/24 HOUR CLOCK
- CLOCK MINUTE
- CLOCK HOUR
- °F or °C

#### 3 BRIGHTNESS CONTROL

Press the ▲ or ▼ buttons to adjust backlight brightness

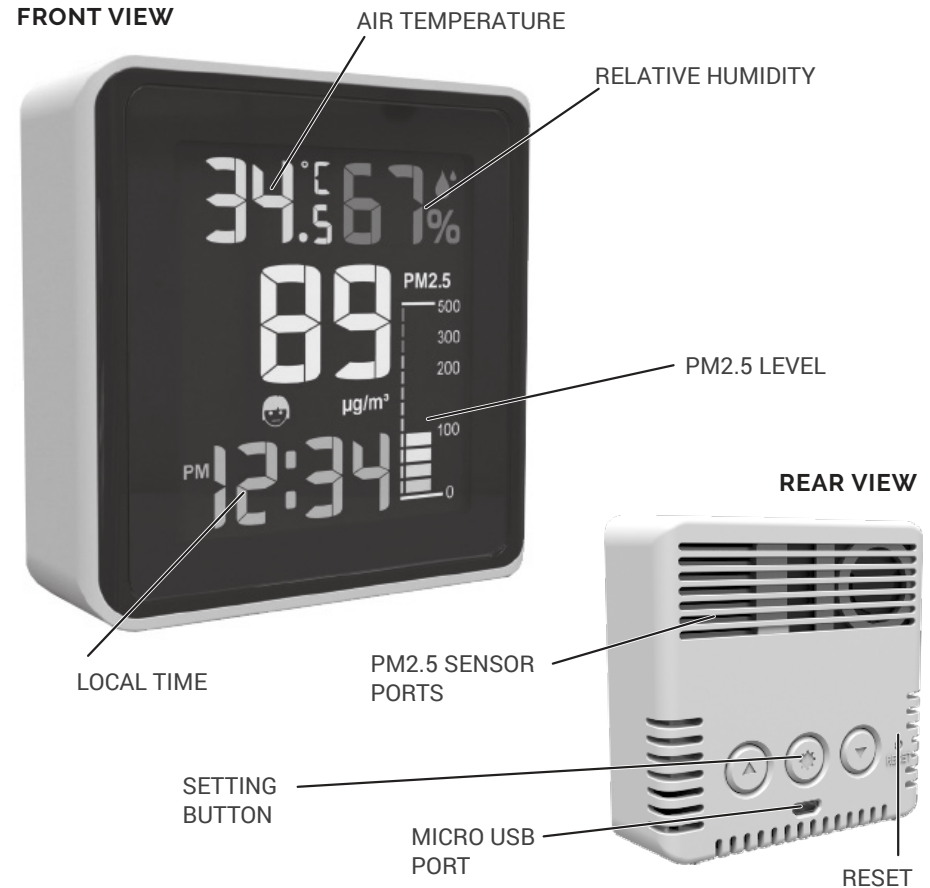
#### ONLINE PRODUCT REGISTRATION

Register your product online within 30 days from the date of purchase at [www.acurite.com/product-registration](http://www.acurite.com/product-registration)

#### MAINTENANCE AND CARE INSTRUCTIONS

Clean the device with a soft, damp cloth and avoid getting moisture into any openings. Do not use caustic cleaners or abrasives.

FRONT VIEW



PM2.5 LEVELS µg/m³\*

Levels	Quality	Details
0 to 12.0	Good	Little to no health risk
12.1 to 35.4	Moderate	Sensitive individuals may experience irritations
35.5 to 55.4	Unhealthy for sensitive groups <sup>1</sup>	Sensitive groups should reduce prolonged or heavy exertion.
55.5 to 150.4	Unhealthy	Sensitive groups should avoid prolonged or heavy exertion; general public should reduce prolonged or heavy exertion.
150.5 to 250.4	Very unhealthy	Sensitive groups should avoid all physical activity; general public should avoid prolonged or heavy exertion.
250.5 to 500.4	Hazardous	Serious risk of respiratory effects. Everyone should avoid all physical activity.

\*Based on EPA 2012 Revised Air Quality Standards

<sup>1</sup> Sensitive groups include people with heart and lung disease and diabetes, and older adults and children.

## TROUBLESHOOTING

Problem	Possible Solution
Display is blank	<p>Commonly, this is due to a loss of AC power:</p> <ul style="list-style-type: none"> <li>• Verify the power adapter is plugged into an active power outlet and the Micro USB cable is properly inserted into the device.</li> <li>• After a loss of power, you will need to reset its time and temperature units.</li> </ul>
Inaccurate readings	<p>Commonly, inaccurate readings are due to where it is located. Verify the AcuRite Air is NOT located:</p> <ul style="list-style-type: none"> <li>• In direct sunlight.</li> <li>• Near heat sources such as vents, stoves, or other elements that emit heat.</li> <li>• On or near a window or other uninsulated surface, such as a brick wall, that can get much warmer or cooler.</li> <li>• In a confined location where the air may not circulate enough.</li> <li>• In an area where airflow changes often, such as by air conditioning and heat vents, fans, doors or windows.</li> </ul> <p>It's recommended to also ensure the two air inlets do not have accumulated dust. A gentle puff of air can help to clear the air inlets and remove dust particles.</p>

## SPECIFICATIONS

Indoor Particulate Matter (PM2.5) range:	0 to 999 ug/m3
Indoor temperature range:	-14.2°F to 122°F; -9.9°C to 50°C
Indoor humidity range:	1% to 99%RH
Reading update interval:	PM2.5: 5 seconds; Temp/Humidity: 30 seconds
Power:	Micro USB power cable with AC power adapter
Cord length:	5 feet (1.5 m)
Input:	100-240 VAC, 50- 60Hz
Output:	5V, 500mA

### FCC Information

Hereby, AcuRite, declares that this Weather Station is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC

This device complies with part 15 of 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.

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.

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference received, including interference that may cause undesired operation of the device.



# ACU→RITE®

## Quick Setup Guide 01412M

**WE'RE HERE TO HELP!**

When you have questions or need assistance, visit us online at [www.acurite.com/support](http://www.acurite.com/support)

**LIMITED 1-YEAR WARRANTY.**

For more information on warranty and other policies, visit us online at [www.acurite.com/warranty](http://www.acurite.com/warranty).