

LA CROSSE®  
TECHNOLOGY

# Wireless Thermometer



SET UP GUIDE

MODEL: WS-9160Uv3-BK-IT

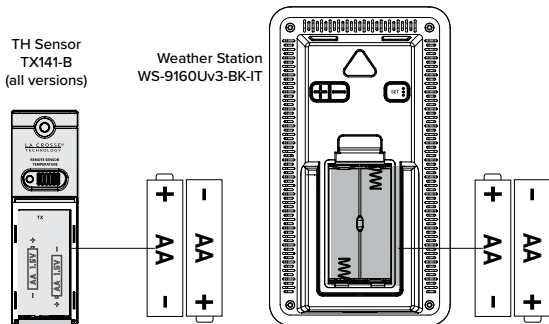
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## Power Up

1. Insert 2-AA batteries into your Temperature Sensor.
2. Insert 2-AA batteries into your Station.
4. Once readings from you sensor appears on your station, you can mount it outside. See page 7 for more details.

Watch our sensor mounting videos: [bit.ly/th\\_sensor\\_mounting](http://bit.ly/th_sensor_mounting)



## Custom Calendar Display

- Press and release the **DATE** button to change the display of the Calendar, or have it not show.
- Thermometer will stay on selection.



## Settings Menu

1. Hold the **SET** button until the display changes, to enter the Settings Menu.
2. Press and release the **+/-** buttons to adjust values. Hold to adjust quickly.
3. Press and release the **SET** button to confirm values and move to the next setting or exit.

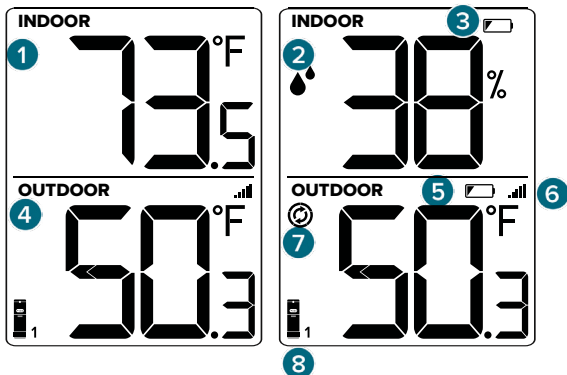
### Settings Menu Order:

- Hello
- Language (English, Español, Français, Deutsch)
- 12/24 Hour Format
- Hour
- Minutes
- Year
- Month
- Date
- Month/Date, Date/Month
- Fahrenheit/Celsius
- Thank You

**Language:** The language selected in this menu will control other menu items as well as your full weekday readout.

**Weekday:** The Weekday will set automatically when your Year, Month and Date are set.

## Temperature/Humidity Readings



### 1. INDOOR TEMPERATURE

Current Indoor Temperature.

### 2. INDOOR HUMIDITY

Current Indoor Humidity. Press the **HUMIDITY** button to view.

### 3. LOW BATTERY ICON

Low Battery in Station

### 4. OUTDOOR TEMPERATURE

Current Outdoor Temperature.

### 5. LOW BATTERY ICON

Low Battery in Sensor

### 6. RECEPTION ICON

Indicates if the station is receiving data from the sensor.

### 7. AUTO-SCROLL ICON

Readings will automatically scroll through each channel when multiple sensors are connected..

### 8. CHANNEL INDICATOR

Indicates readings from sensor on channel 1, 2, or 3 if multiple sensors are connected to the station.

# Temperature Records (MIN/MAX)

## Viewing Records

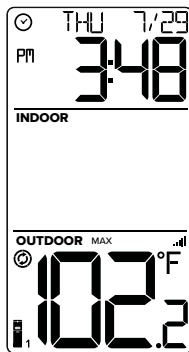
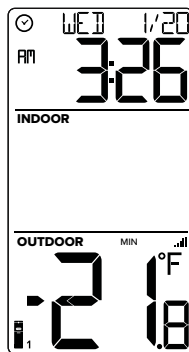
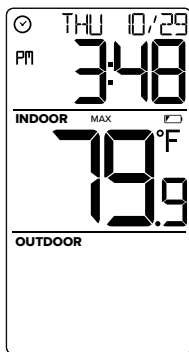
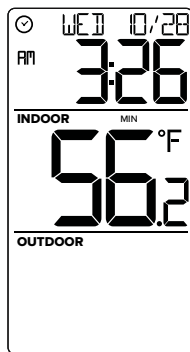
Press and release the **MIN/MAX** button to toggle MIN/MAX readings with time/date stamp. Time and date of the record will show.

## Viewing Order:

- Indoor Minimum Temperature Record
- Indoor Maximum Temperature Record
- Outdoor Minimum Temperature Record Channel 1
- Outdoor Maximum Temperature Record Channel 1

**Note:** If additional Temperature sensors are added, additional presses of the MIN/MAX button will show those records as well.

Indoor MIN Temp.    Indoor MAX Temp.    Outdoor MIN Temp.    Outdoor MAX Temp.



## Reset Temperature Records

1. Press and release the **MIN/MAX** button to view the individual temperature values you'd like to reset.
2. Hold the **MINUS (-)** button until dashes appear.
3. The reading will then reset to the current value.

## Sensor Mounting


### For Accurate Temperature Measurements



- Insert a mounting screw through the hole at the top to securely mount the sensor. It can also hang from the back using a nail.
- Mount the sensor vertically in a protected well-shaded area. Keeping it out of direct weather elements such as sunlight, rain, snow, etc. will help avoid inaccurate readings.
- For additional protection against weather elements, a Sensor Weather Shield: [bit.ly/weather-shield](http://bit.ly/weather-shield) can be purchased separately.
- The maximum wireless transmission range to the station is up to 330ft (100m) in open air. This does not include walls, floors, or other large obstructions.
- For online video instructions, visit: [bit.ly/th\\_sensor\\_mounting](http://bit.ly/th_sensor_mounting)

## Search for Sensors

If you are seeing “NO” or dashes for any sensor readings, please try the following steps:

1. Hold the **SENSOR** button to search for all sensors.  
The Reception Indicator  will begin to animate.
2. If after 3 minutes the sensor still isn't connected, bring the sensor inside next to the display and remove power from the sensor and station.
3. Press any button on the station 20 times and leave the parts sit for a few moments with the power off.
4. Install a new set of alkaline batteries into the sensor, then power up your station again.
5. If your sensor data is still not appearing after these steps, please contact our support staff. For additional help visit: [bit.ly/basic\\_restart](https://bit.ly/basic_restart)

## Factory Restart

If your station is acting strangely, hold the **DATE** and **RAIN** buttons together to factory restart your station.

## Sensor Weather Shield (not included)

- The Sensor Weather Shield is designed to protect your outdoor sensor from rain and snow.
- This shield will offer limited protection from the sun's heat.
- Optional purchase at: [bit.ly/925-1418](https://bit.ly/925-1418)







## Optional Add-on Sensors

This station can read an add-on Rain Sensor, which will read in the Time Area. It can also read up to two additional Temperature/Humidity Sensors , which will show as Channel 2 or 3 in the Outdoor Temperature Area.

### Add Sensors

1. Install batteries into your add-on Rain or Temperature/Humidity sensor(s).  
**Note:** For Temp/Humidity sensors, be sure to select channel (2 or 3) before you insert batteries.
2. Hold the **SENSOR** button until the Reception Indicator  starts to animate. This will start a search for your sensors.
3. Your sensor(s) should connect within the next few minutes.

### View Add-on Sensors:

- Press the **RAIN** button to view Rain readings and history.
  - Press the **SENSOR** button to toggle through readings from sensors 1, 2 or 3.
- Note:** When multiple sensors are connected the you can view individual sensors or auto-scroll through all three channels. The auto-scroll indicator  will lose one segment every 1 second, for 5 seconds, then switch to the next channel.

### Purchase Extra Sensors

Visit: [bit.ly/ws-9160uv3-bk-it\\_parts](https://bit.ly/ws-9160uv3-bk-it_parts) to find and purchase compatible add-on sensors.

SCAN HERE  
For Parts >



### Stay in Touch!

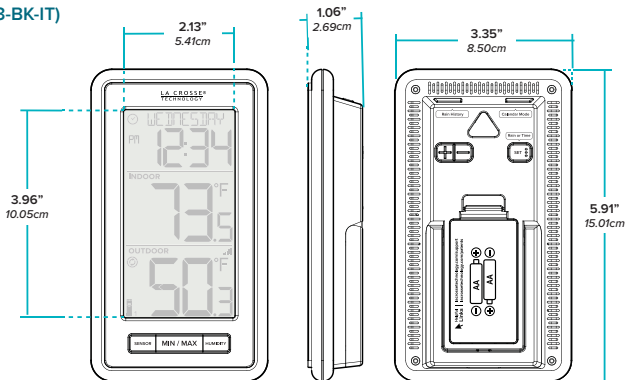
Ask questions, watch setup videos, and provide feedback on our social media outlets. Follow La Crosse Technology on YouTube, Twitter, Facebook and Instagram.



# Specifications

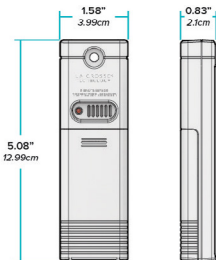
## Weather Station (WS-9160Uv3-BK-IT)

- **Temperature Range:**  
32°F to 122°F (0°C to 50°C)
- **Humidity Range:**  
10% - 99% RH
- **Power:**  
2-AA, IEC, LR6 batteries (not included)
- **Battery Life:**  
Over 24 months



## TH Sensor (TX141-B (all versions))

- **Temperature Range:**  
-40°F to 140°F (-40°C to 60°C)
- **Humidity Range:**  
10% - 99% RH
- **Transmission Range:**  
Over 330 feet (100 meters) in open air RF 433MHz
- **Update Interval:**  
About every 51 seconds
- **Power:**  
2-AA, IEC, LR6 batteries (not included)
- **Battery Life:**  
Over 24 months



## Care & Maintenance

When batteries of different brand or type are used together, or new and old batteries are used together, some batteries may be over-discharged due to a difference of voltage or capacity. This can result in venting, leakage, and rupture and may cause personal injury.

- Do not mix Alkaline, Lithium, standard, or rechargeable batteries.
- Always purchase the correct size and grade of battery most suitable for the intended use.
- Always replace the whole set of batteries at one time, taking care not to mix old and new ones, or batteries of different types.
- Clean the battery contacts and also those of the device prior to battery installation.
- Ensure the batteries are installed correctly with regard to polarity (+ and -).
- Remove batteries from product during periods of non-use. Battery leakage can cause corrosion and damage to this product.
- Remove used batteries promptly.
- For recycling and disposal of batteries, and to protect the environment, please check the internet or your local phone directory for local recycling centers and/or follow local government regulations.



### CA WARNING:

This product can expose you to chemicals including acrylonitrile, butadiene, and styrene, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to: [www.P65Warnings.gov](http://www.P65Warnings.gov)

## FCC Statement

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 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.

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.

### Caution!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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## We're Here to Help

If you require additional assistance, get in touch with our friendly customer support team based in La Crosse, WI.

**Self Help:** [bit.ly/ws-9160uv3-bk-it\\_support](https://bit.ly/ws-9160uv3-bk-it_support)

**Online:** [bit.ly/contact\\_techsupport](https://bit.ly/contact_techsupport)

**Phone:** 1.608.782.1610

Our knowledgeable customer support team is available:  
Mon-Fri 8am-6pm CST

## Warranty & Patents

La Crosse Technology, Ltd. provides a 1-year limited time warranty (from date of purchase) on this product relating to manufacturing defects in materials & workmanship.

La Crosse Technology, Ltd, 2830 S. 26th St., La Crosse, WI 54601

For Full Warranty Details, Visit: [www.lacrossetechnology.com/pages/warranty](http://www.lacrossetechnology.com/pages/warranty)

**Patents:** [www.lacrossetechnology.com/pages/patents](http://www.lacrossetechnology.com/pages/patents)

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LA CROSSE<sup>®</sup>  
TECHNOLOGY

## DOUBLE YOUR WARRANTY

Scan the QR Code or visit: [bit.ly/ws-9160uv3-bk-it\\_register](https://bit.ly/ws-9160uv3-bk-it_register) to register your product and double the standard 1-year warranty for free by opting to receive occasional product emails.

SCAN HERE  
Additional Info  
and Support ▾



Scan Here