

WIND

Viewing Wind Data



1. LOW BATTERY INDICATOR (🔋)

Indicates the batteries in the Glide Pro Sensor should be replaced soon.

2. INTERNET INDICATOR (📶)

Indicates the display is receiving Wind Direction from AccuWeather.*

3. TOP WIND SPEED

Top wind speed in the past 60 minutes.

4. CURRENT WIND DIRECTION*

Choose between cardinal points (letters) or degrees in the Settings Menu.

5. HIGH WIND SPEED ALERT ICON (⚠️)

Appear if a wind speed alert is set & active.

6. RECEPTION INDICATOR (📶)

Indicates if the display is receiving data from the Glide Pro Sensor.

7. WIND SPEED GRAPH

Visual representation of current wind speed.

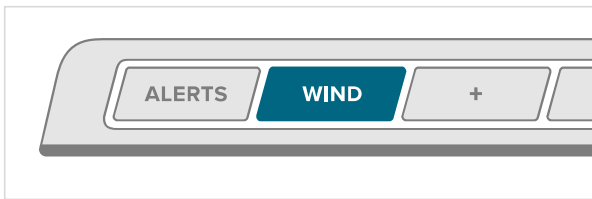
8. CURRENT WIND SPEED

Top wind speed in the past 31 seconds.

* Your display must be connected to Wi-Fi to receive wind direction data.

WIND

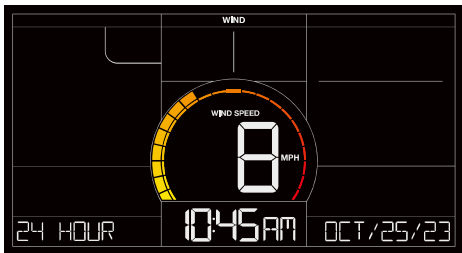
Wind Speed Records



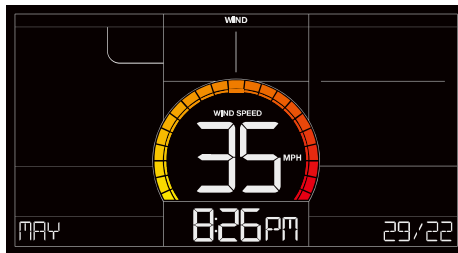
Viewing Wind Speed Records

Press the **WIND** button on the top of the display to toggle through wind speed records with time and date stamps.

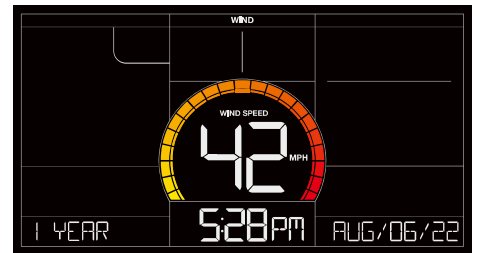
This system measures high wind speed records for the past 24 hours, 7 days, 1 month, and 1 year.



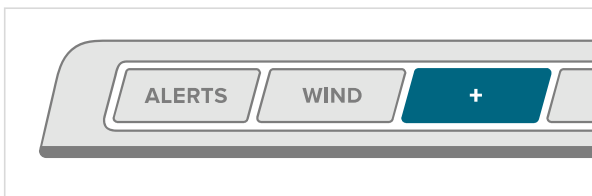
24 Hour Record Example



1 Month Record Example



1 Year Record Example



When viewing the monthly record, press the **PLUS (+)** button to toggle through the current month and past 11 months of top speed records.

Reset Wind Speed Records



Press the **WIND** button to view wind speed records.



Next, hold the **MINUS (-)** button until dashes appear on the display. This reading will now reset to the current wind value.

TEMPERATURE & HUMIDITY

Viewing Temperature & Humidity Data

1. THERMO-HYGRO SENSOR ICON (📶)

Indicates Temperature readings are coming from a Thermo-Hygro Sensor.

2. LOW BATTERY INDICATOR (🔋)

Indicates the batteries in the Thermo-Hygro Sensor should be replaced soon.

3. RECEPTION INDICATOR (📶)

Indicates if the display is receiving data from a Thermo-Hygro Sensor.

4. “FEELS LIKE” TEMPERATURE

Current Heat Index or Wind Chill when conditions are met.

5. OUTDOOR HUMIDITY TREND ARROWS

Indicate humidity trend over the past 3 hours

6. OUTDOOR HUMIDITY

Current relative humidity

7. OUTDOOR HUMIDITY ALERT ICONS (⚠️)

Appear if a high (📈) or low (📉) alert is set & active.

8. OUTDOOR TEMPERATURE ALERT ICONS (⚠️)

Appear if a high (📈) or low (📉) alert is set & active.

9. OUTDOOR TEMPERATURE TREND ARROWS

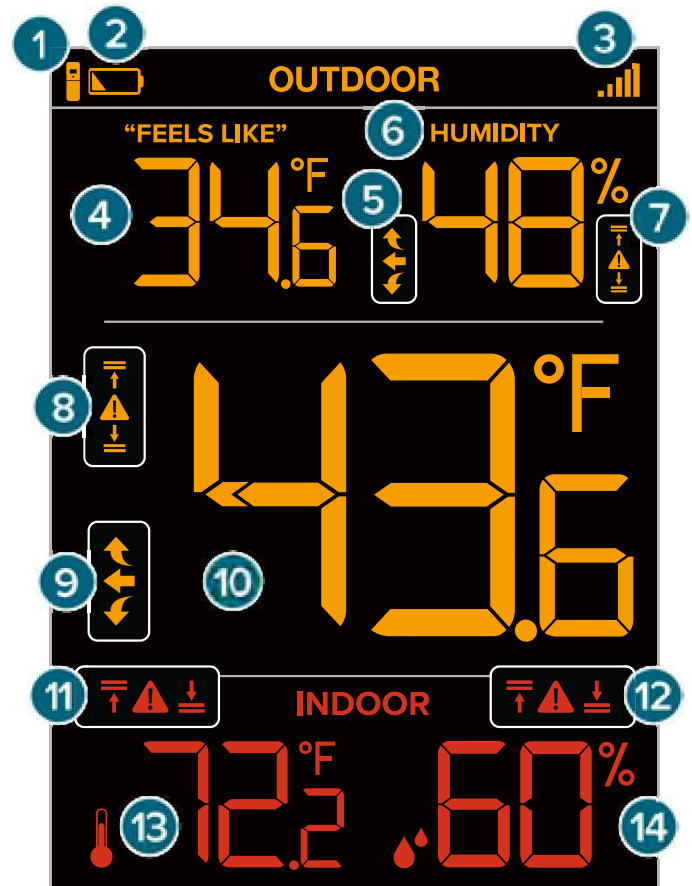
Indicate temperature trend over the past 3 hours

10. OUTDOOR TEMPERATURE

Current temperature (decimal/no decimal option)

11. INDOOR TEMPERATURE ALERT ICONS (⚠️)

Appear if a high (📈) or low (📉) alert is set & active.



12. INDOOR HUMIDITY ALERT ICONS (⚠️)

Appear if a high (📈) or low (📉) alert is set & active.

13. INDOOR TEMPERATURE

Current temperature (decimal/no decimal option)

14. INDOOR HUMIDITY

Current relative humidity

16 Note: You can choose decimal/no decimal display option in the Settings Menu (see page 6).

TEMPERATURE & HUMIDITY

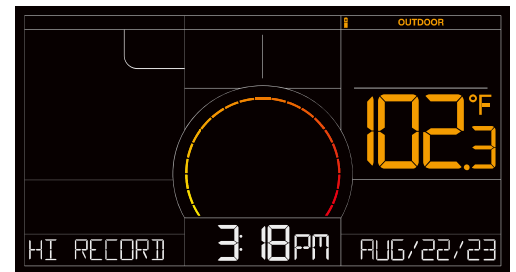
Temperature & Humidity Records

Viewing Temperature & Humidity Records

Press the **TEMP.** button to toggle through records with time and date stamps.

Records Viewing Order

1. Outdoor High Temperature
2. Outdoor Low Temperature
3. Outdoor High Humidity
4. Outdoor Low Humidity
5. Indoor High Temperature
6. Indoor Low Temperature
7. Indoor High Humidity
8. Indoor Low Humidity
9. "Feels Like" High Temperature
10. "Feels Like" Low Temperature
11. Dew Point



High Outdoor Temperature Record Example

Reset Temperature & Humidity Records



Press the **TEMP.** button to view temperature and humidity records.



Next, hold the **MINUS (-)** button until dashes appear on the display. This reading will now reset to the current value.

"Feels Like" Temperature

This reading indicates both Wind Chill and Heat Index values when conditions are met.



- **Wind Chill:** When temperature is below 50°F (10°C) and there is 5 MPH (8 KPH) of sustained wind speed.
- **Heat Index:** When temperature is above 80°F (27°C).
- **Current Temperature** When the temperature is between 51°F and 79°F (10.5°C and 26.1°C), the readings will remain the same as the outdoor value regardless of wind speed.

ALERTS

Customizable Alerts

Setting Custom Alerts

1. Hold the **ALERTS** button to enter the Alert Settings Menu.
2. Use the **+/-** buttons to activate/deactivate individual alerts, or press the **ALERTS** button to skip to the next option.
3. Once activated, use the **+/-** buttons to adjust the values. Press the **ALERTS** button to confirm and move forward.

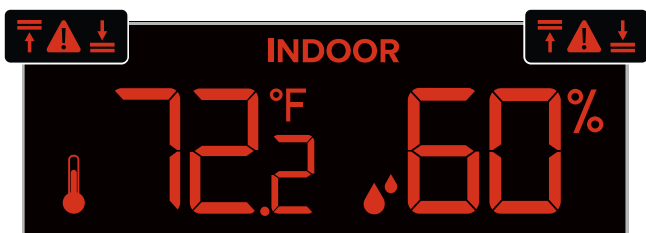
Alert Setting Order



- | | |
|-----------------------------|----------------------------|
| 1. High Wind Speed | 6. Indoor High Temperature |
| 2. Outdoor High Temperature | 7. Indoor Low Temperature |
| 3. Outdoor Low Temperature | 8. Indoor High Humidity |
| 4. Outdoor High Humidity | 9. Indoor Low Humidity |
| 5. Outdoor Low Humidity | |

Activating/Deactivating Alerts

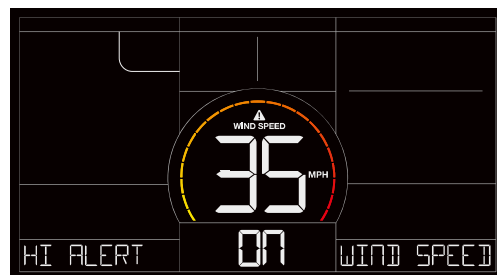


Hold the **ALERTS** button to enter alert settings.

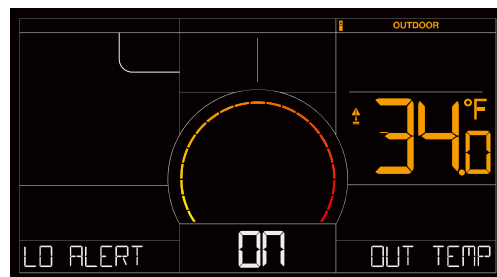


Active alerts are indicated by the  and  icons located in their respective sections on the LCD.

18 **Note:** The default setting for alerts is OFF.



High Wind Speed Alert Example



Outdoor Low Temperature Alert Example



Use the **+/-** buttons to activate/deactivate alerts.

Triggered Alerts

- When an alert value is reached, the corresponding value and alert icon will flash on screen.
- The display will also beep 5 times each minute until the value moves out of the alert range. Press any button to stop the alert sound.
- Alerts set on the display are separate from those created within the La Crosse View app.

SENSORS

Sensor Placement & Mounting

For Accurate Glide Pro Sensor Measurements

- For optimal battery life, ensure the Solar Panel is facing south.
- Ideally, the Glide Pro Sensor should be mounted on the tallest object in your area. Avoid positioning the sensor parallel or below eaves, roof lines, trees, or other objects that may obstruct wind speed readings.
- Make sure the screws on the Wind Cups and Mounting Bracket are securely fastened.
- The maximum wireless transmission range to the display is up to 400 feet (121 m.) in open air, not including walls or floors.
- The Glide Pro Sensor should be mounted with the Wind Cups on the top.



For Accurate Thermo-Hygro Sensor Measurements

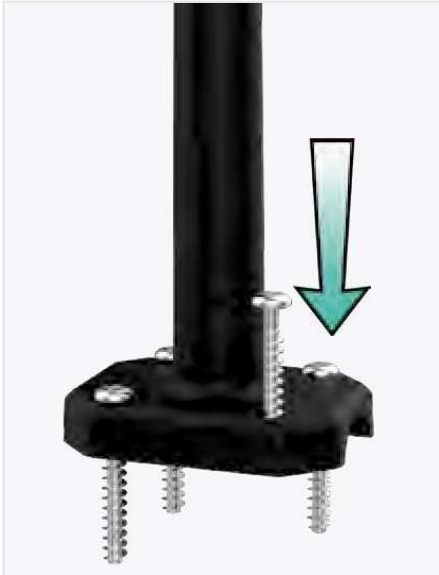
- Insert a mounting screw through the hole at the top to securely mount the sensor. It can also hang from the back using a nail.
- Mount the sensor vertically in a protected well-shaded area. Keeping it out of direct weather elements such as sunlight, rain, snow, etc. will help avoid inaccurate readings.
- The maximum wireless transmission range to the display is up to 400 feet (121 m.) in open air, not including walls or floors.
- For additional protection against weather elements, a Sensor Weather Shield (bit.ly/weather-shield) is available for purchase.
- For video instructions, visit: bit.ly/th_sensor_mounting

SENSORS

Glide Pro Sensor Mounting

Fence posts, poles, decks, and mailboxes are common mounting options due to their convenience. Many users prefer these types of locations as the data they provide is accurate from their ground level perspective. However, because the wind in these spots is often affected by obstructions, the readings may differ when compared to local reporting stations.

Basic Installation



Mount the Mast to a flat surface with the four provided screws.



Place the Glide Pro Sensor on top of the Mast. Ensure the Solar Panel is facing south.



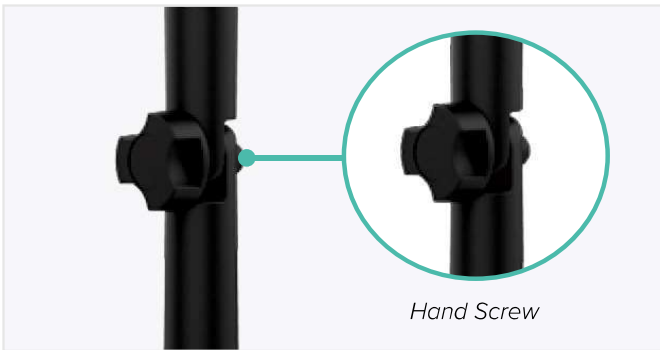
Secure the Glide Pro Sensor to the Mast by tightening the screws on the side.

If the basic installation option detailed above isn't suitable for your location, the Glide Pro Sensor is designed to work in a variety of configurations. See the next page for details regarding flexible and advanced installation options.

SENSORS

Glide Pro Sensor Mounting

Flexible Installation



Install the Hand Screw to the bracket, then secure the Glide Pro Sensor to the Mast by tightening the screws on the side.



This configuration allows you to attach the sensor to angled locations and easily make adjustments to ensure the sensor is mounted properly.

Advanced Installation

Some advanced installation options include tripods, wall mounts, and chimney mounts. Any of these can be combined with U-bolts for attachment onto a tall cylindrical conduit using the Adjustable Base. These options will require additional equipment and possibly professional help for best results.



Freestanding Pole Setup

1" Maximum Outside Pole Diameter



Tripod Setup Example

1" Maximum Outside Pole Diameter

SENSORS

Featured Add-On Sensors



RAIN SENSOR

FEATURES INCLUDE:

Current Rainfall
Rainfall Records

BBQ SENSOR

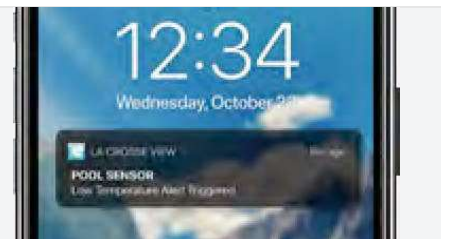
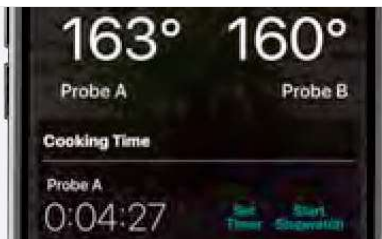
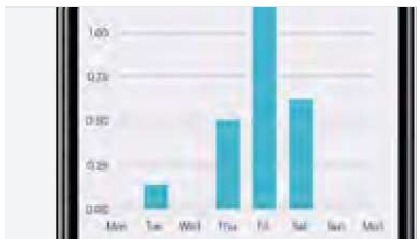
FEATURES INCLUDE:

Two Hi-Temperature Probes
Backlit Display & Storage Case

POOL SENSOR

FEATURES INCLUDE:

Water Temperature
Floating Design with LCD Display



Display & App Screenshots
Featured: LTV-R3

Display & App Screenshots
Featured: LTV-BBQ1

Display & App Screenshots
Featured: LTV-POOLv2

USE CASE: Check rain totals from last night's storm to help make adjustments to your lawn & garden watering schedule.

USE CASE: Set independent timers and alerts to monitor two steaks at the same time.

USE CASE: Place in a pool or hot tub to keep an eye on changes in water temperature.

SENSORS

Featured Add-On Sensors



MULTI-SENSORS

FEATURES MAY INCLUDE:

Wind Speed, Direction, Rainfall, Temperature, and Humidity

THERMO-HYGRO SENSORS

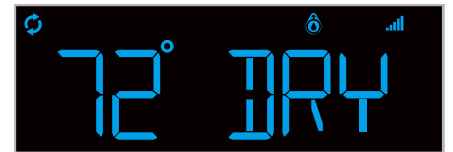
FEATURES MAY INCLUDE:

Temperature & Humidity
LCD Display

WATER LEAK SENSOR

FEATURES INCLUDE:

Water Detection
Ambient Temperature



Display & App Screenshots
Featured: LTV-WSDTH04 & LTV-WSDR1

Display & App Screenshots
Featured: LTV-TH1 & LTV-TH2i

Display & App Screenshots
Featured: LTV-WL1



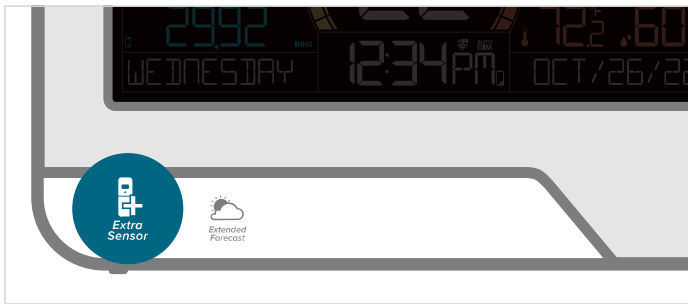
Expand Your System to Suit Your Needs

Find more add-on sensor options by scanning the QR code or visiting: bit.ly/v23_parts

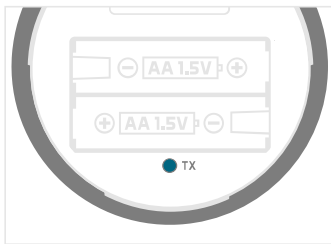
SENSORS

Add-On Sensors

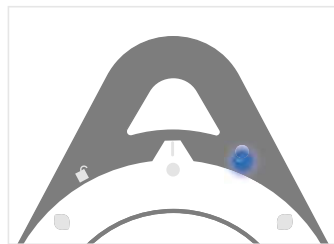
Adding Sensors to Your Display



1. Hold the **EXTRA SENSOR** (+) button until the Sensor Reception Indicator (📶) starts to animate.



Inside of Water Leak Sensor*



Top of Water Leak Sensor*

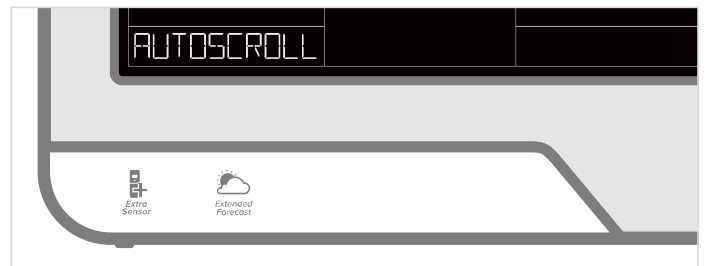
2. Install batteries into your sensor. If the sensor has a **TX** button, press it to force a transmission signal. This button is usually located in or near the sensor's battery compartment. The LED light on the sensor will flash once.
3. Your sensor should connect within the next three minutes. The Sensor Reception Indicator (📶) will appear solid when a sensor is connected.

* Water Leak Sensor shown as example, sensor not included

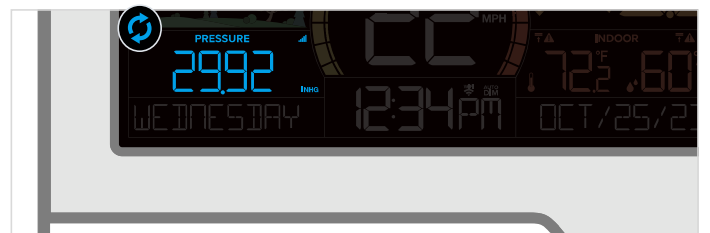
Viewing Add-On Sensor Data

Tap the **EXTRA SENSOR** (+) button to switch between pressure and add-on sensor readings, or select the Auto-Scroll option to cycle through all available pressure and sensor data.

Programming the Auto-Scroll Option



Tap the **EXTRA SENSOR** (+) button until AUTOSCROLL appears on the display.

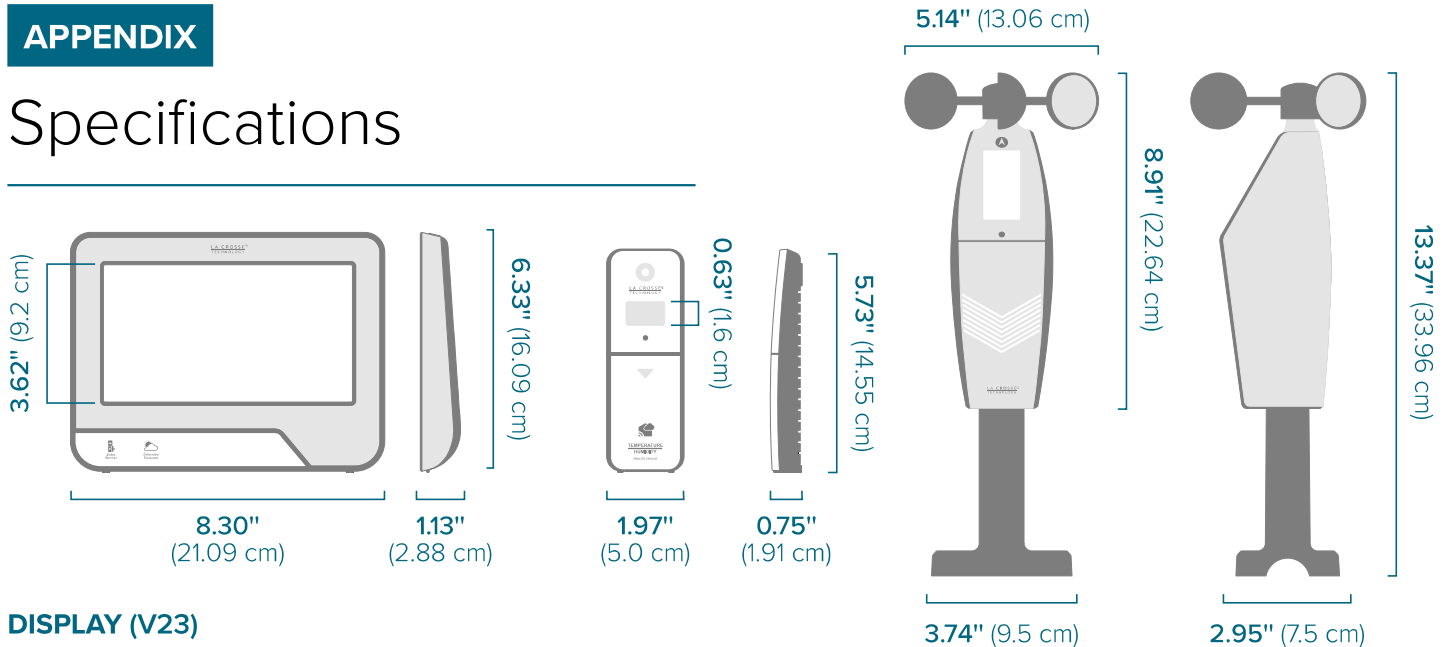


The Auto-Scroll Icon (↻) located in the top left corner will appear when active.

To deactivate the Auto-Scroll option, tap the **EXTRA SENSOR** (+) button until the Auto-Scroll Icon (↻) disappears. The display will stay on your current selection.

APPENDIX

Specifications



DISPLAY (V23)

- **Indoor Temp. Range:** 32°F to 122°F (0°C to 50°C)
- **Indoor Humidity Range:** 10 to 99%RH
- **Power Requirements:** 5.0V Adapter (included) + Battery Backup: 1 "CR2032" Coin Cell Battery (included) *Saves time/date when unplugged*
The plug on the power adapter is intended to serve as the disconnect device, the socket-outlet shall be installed near the equipment and shall be easily accessible.
- **LCD Brightness:** 4 Intensity Levels + OFF (Programmable Auto-Dim Backlight Option)
- **Languages:** English, Spanish, French, & German (Translations Available for Menus and Calendar)

Wi-Fi NETWORK REQUIREMENTS

- **Broadcast Frequency:** 2.4GHz (802.11 b/g/n)
- **Name/Password:** Must Not Exceed 45 Characters
- **Network Speed:** Must Be Greater than 1 Mbps

Note: If you have a multi-band router, this device will connect to the **2.4GHz** band when connecting to Wi-Fi.

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THERMO-HYGRO SENSOR (LTV-TH2i)

- **Outdoor Temp. Range:** -40°F to 140°F (-40°C to 60°C)
- **Outdoor Humidity Range:** 10 to 99%RH
- **Transmission Range:** 400 feet (121 meters) open air
- **Update Interval:** Every 51 Seconds
- **Power Requirements:** 2 "AA" Batteries (not included)
- **Battery Life:** Over 24 Months

GLIDE PRO SENSOR (LTV-W3)

- **Wind Speed Range:** 0 to 111 mph (0 to 178 kph)
- **Transmission Range:** 400 feet (121 meters) open air
- **Update Interval:** Every 31 Seconds
- **Power Requirements:** 3 "AA" Batteries (not included)
- **Battery Life:** Over 36 Months

MOBILE REQUIREMENTS

- Apple phones require iOS with cellular or Wi-Fi service.
- Android phones require Android OS with cellular or Wi-Fi service.

APPENDIX

Coin Cell Battery

Replace the Coin Cell Battery

1. Use a coin to turn the battery cover to the left to remove it.
2. Pull back the metal pin and gently remove the battery.
3. Insert a fresh CR2032 battery with the + side up and snap it into place.
4. Replace the battery cover and use the coin to turn it to the right to lock.

Battery Replacement Instructions

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.


WARNING

1. This product contains a coin cell battery.
2. If swallowed, it could cause severe injury or death in just 2 hours.
3. Seek medical attention immediately.

WARNING: KEEP BATTERIES OUT OF REACH OF CHILDREN

1. Swallowing may lead to serious injury in as little as 2 hours or death, due to chemical burns and potential perforation of the esophagus.
2. If you suspect your child has swallowed or inserted a coin cell battery, immediately seek urgent medical assistance.
3. Examine devices and make sure the battery compartment is correctly secured, e.g. that the screw or other mechanical fastener is tightened.
4. Do not use if compartment is not secure.
5. Dispose of used coin cell batteries immediately and safely.
6. Flat batteries can still be dangerous.
7. Tell others about the risk associated with coin cell batteries and how to keep their children safe.

California Residents

 **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.ca.gov

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

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WARNING: CHOKING HAZARD—Small Parts

Not for children under 3 yrs.

APPENDIX

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.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

FCC Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-collocation statement.

- Increase the separation between the equipment and receiver.
- 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.

Canada Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device. The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Avis d'Industrie Canada

Le présent appareil est conforme aux CNR d'industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: 1) l'appareil ne doit pas produire de brouillage; et 2) l'utilisateur de l'appareil doit accepter le brouillage radioélectrique subi même si le brouillage est susceptible d'empêcher le fonctionnement de l'appareil.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

SUPPORT

Having Trouble? We're here to help.

Use the links below to find additional resources or reach out to our staff directly.

Self-Help: bit.ly/v23_support • Online: bit.ly/contact_techsupport

Phone: **1.844.200.8752**

Representatives are available Monday-Friday, 8am-6pm CST



Scan for Additional
Info and Support

Warranty

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

For full warranty details, visit:

www.lacrossetechnology.com/pages/warranty

La Crosse Technology, Ltd.

2830 South 26th Street, La Crosse, Wisconsin 54601

Recycling & Disposal

Please consider the environment when deciding to dispose of this product. Although household electronics are generally safe to use on a daily basis, incorrect disposal can cause negative and potentially irreversible impacts on our environment.

Check with local donation centers to see if your product can be donated for future use. If disposal is the only option, federal agencies, local governments, and certified retailers may have electronic recycling programs in place. Programs may vary based on location.

Factory Reset



If you are experiencing issues, press the **ALERTS** & **LIGHT** buttons down together until the display beeps. You do not need to remove the battery to reset the display. All records will be lost when a factory reset is performed.

Stay in Touch

Ask questions, watch setup videos, and provide feedback on our social media outlets.



Follow La Crosse Technology on Facebook, Instagram, YouTube, and Twitter.