

# WI-FI PROFESSIONAL WEATHER STATION

WITH  **AccuWeather FORECAST**  
QUICK START GUIDE

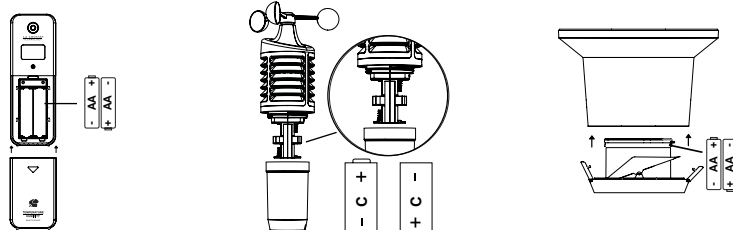


MODEL #: C83100  
DC: 012619

## STEP 1: POWER UP SENSORS AND STATIONS

### SENSORS

In any order, insert batteries into your Thermo-Hygro, Wind, and Rain Sensors.



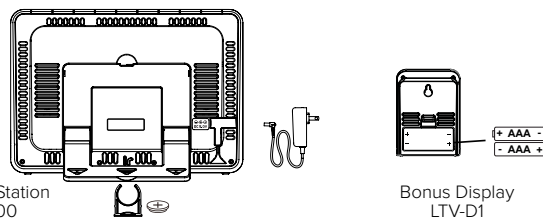
Thermo-Hygro Sensor  
LTV-TH2

Wind Sensor  
LTV-W1

Rain Sensor  
LTV-R2

### STATIONS

- Insert the power cord into an outlet, then into your weather station.
- Remove the battery insulation tab installed on the bottom of the station.
- Insert 2 “AAA”batteries into the Bonus Display.



Weather Station  
C83100

Bonus Display  
LTV-D1

**Note:** It may take up to 10 minutes for your sensor data to appear on your stations’ screen.

## STEP 2: CONNECT TO THE LA CROSSE VIEW™ APP



### DOWNLOAD


Visit the App Store or Google Play Store to download the free La Crosse View™ app onto your mobile device.



### LAUNCH & FOLLOW

Open the La Crosse View™ app and follow the on-screen instructions.

### GET YOUR STATION READY

Ensure your station’s Wi-Fi Indicator  is flashing. If it is not, press and hold the Plus (+) and Minus (-) button down together until it begins flashing. This tells you that your station is ready to connect.

### HAVING TROUBLE CONNECTING?

Make sure your mobile device is connected to your router’s 2.4GHz Wi-Fi network, and that you’ve correctly entered your Wi-Fi password.

For more troubleshooting tips and support visit:

[www.lacrossetechnology.com/lacrosseviewsupport](http://www.lacrossetechnology.com/lacrosseviewsupport)

## Benefits of Connecting to La Crosse View™

Feature	Standalone	Connected
Wind Speed	✓	✓
Wind Direction		✓
Rainfall Data	✓	✓
Indoor & Outdoor Temperature	✓	✓
“Feels Like” Temperature	✓	✓
Indoor & Outdoor Humidity	✓	✓
12-Hour Forecast	✓	✓
Barometric Pressure	✓	✓
Internet Time & Calendar		✓
Advanced Forecast Icons		✓
Daily Forecast HIs & LOs		✓
% Chance of Precipitation		✓
Ability to Add Sensors	✓	✓
Data Stream Technology		✓

## STEP 3: MOUNT YOUR SENSORS

### THERMO-HYGR0

Keep out of direct sunlight & ensure the sensor is well ventilated. We recommend mounting under a deck or eave facing north.

### WIND

Ensure the sensor is mounted vertically, an unobstructed rooftop is ideal. Your Wind Sensor should be the tallest object in the area to avoid reduced wind speed values.

### RAIN

Mount in an open area 3-6 feet off the ground on a level platform. Check the sensor often to remove leaves or other debris that could cause low rainfall readings.

## BUTTONS & FUNCTIONS

Buttons located on top of Color Weather Station

RAIN	WIND	TEMP	+	SET	-	EXTRA SENSOR	SENSOR	LIGHT
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Buttons located on side of Color Weather Station

	DAILY	HOURLY
SET	Hold for basic setting. Press to view Wi-Fi status.	
TEMP, WIND, RAIN	Press to view history.	
LIGHT	Press to adjust brightness. Hold to set Auto Dim.	
+ or -	Use + or - to adjust values in settings.	
+ & -	Hold both buttons to search for Wi-Fi.	
SENSOR	Press to view sensor ID numbers, then hold PLUS (+) to search, or hold MINUS (-) to remove.	
DAILY, HOURLY	Press to see forecast. Must be connected to Wi-Fi.	
RAIN & LIGHT	Hold both buttons to reset all sensor ID's and Wi-Fi settings.	
EXTRA SENSOR	Press to toggle through "extra sensor" & Barometric Pressure. Hold to add Sensors.	

## ACCUWEATHER FORECASTS

Other benefits of connecting your station to the La Crosse View™ app include Daily and Hourly Forecasts from AccuWeather. These will display changes in your station's Weather Icons, HI/LO Temps, Wind Direction, and Chance of Precipitation values.

### DAILY FORECAST


Press the DAILY button to view predictions for each of the next 7 days of weather data.


### HOURLY FORECAST


Press the HOURLY button to view predictions for each of the next 12 hours of forecast data.

**Note:** These buttons will not provide a function if your station is not connected to the La Crosse View app.

## STATION ICONS

 **Wi-Fi Indicator:** Will flash when your station is ready to connect to the Internet, and be solid on screen when connected.

 **Internet Indicators:** Will display in areas to indicate data coming from the Internet.

 **Low Battery Indicators:** Individual station/sensor indicators will let you know which batteries to replace.

 **Sensor Reception Indicators:** Indicate the reception strength between your sensors and station.

## WE'RE HERE TO HELP!

If you require additional support, call our friendly customer support representatives based out of our office in La Crosse, Wisconsin. (2830 26th ST S.)

Phone: 1.844.200.8752

Our knowledgeable customer support team is available: Monday-Friday, 8am-6pm CST.

## JOIN THE CONVERSATION

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



## WARRANTY INFO

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. Before returning this product, please contact our friendly customer support team with questions or visit our online support site. Phone: 1.844.200.8752

For Full Warranty Details, Visit:

[www.lacrossetechnology.com/support](http://www.lacrossetechnology.com/support)

## STATION & SENSOR SPECS

	C83100	LTV-D1
Indoor Temperature Range	32°F to 99°F (0°C to 37°C)	32°F to 122°F (0°C to 50°C)
Indoor Humidity Range	10% to 99%RH	10% to 99%RH
Relative Pressure Range	23.62 to 32.48 InHg (800 to 1100 hPa)	n/a
Power Requirements	5.0V AC Adapter (included) 1 CR2032 Battery (included)	2 "AAA" Batteries (included)

### THERMO-HYGRO (LTV-TH2)

- Outdoor Temperature Range: -40°F to 140°F (-40°C to 60°C)
- Outdoor Humidity Range: 10% to 99%RH
- Power Requirements: 2 "AA" Batteries (included)

### WIND (LTV-W1)

- Wind Speed Range: 0 to 111 MPH (0 to 178 KM/H)
- Power Requirements: 2 "C" Batteries (included)

### RAIN (LTV-R2)

- Rainfall Range: 0-393.6 inches (0-9999 mm)
- Power Requirements: 2 "AA" Batteries (included)

**Sensor Transmission Range:** 400 Feet (121.92 Meters) open air

## WI-FI NETWORK REQUIREMENTS

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

**Note:** If you have a multiple band router, be sure your mobile device is connected to the 2.4 GHz frequency when connecting your station to the app.

## MOBILE REQUIREMENTS

Apple phones require iOS 9.0 or higher with cellular or Wi-Fi service. Android phones require Android OS 5.0 or higher with cellular or Wi-Fi service

## LA CROSSE TECHNOLOGY™ PATENTS

Visit [www.lacrossetechnology.com/patents](http://www.lacrossetechnology.com/patents) for patent information.

## CARE + MAINTENANCE

- Do not mix old and new batteries.
- Do not mix Alkaline, Lithium, standard, or rechargeable batteries.
- Always purchase the correct size and grade of battery most suitable for intended use.
- Clean the battery contacts and also those of the device prior to battery installation.
- Ensure the batteries have with correct polarity (+ / -).
- Remove batteries from equipment that will not to be used for an extended period.
- Promptly remove expired batteries.

## 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.
- Increase separation between equipment & receiver.
- Consult the dealer or an experienced radio/TV technician for help.

This device must not be co-located or operating in conjunction with any other antenna or transmitter.

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!

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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## CANADA STATEMENT

This device complies with Industry Canada's licence-exempt RSSs. 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.

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;
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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Google Play and the Google Play logo are trademarks of Google Inc.



**WARNING:** This product can expose you to chemicals including styrene, which is known to the State of California to cause cancer. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)