



7-IN-1 WIRELESS WEATHER STATION WITH WI-FI,[®] EVERLASTING SOLAR CELL, AND 7" FULL- COLOR HD LCD DISPLAY USER GUIDE

LOWSL710FWB7



Thank you for purchasing the **Logia 7-in-1 Wireless Weather Station with Wi-Fi® , Everlasting Solar Cell, and 7" Full-Color HD LCD Display**. This User Guide is intended to provide you with guidelines to ensure that operation of this product is safe and does not pose risk to the user. Any use that does not conform to the guidelines described in this User Guide may void the limited warranty.

Please read all directions before using the product and retain this guide for reference. This product is intended for household use only. It is not intended for commercial use.

This product is covered by a limited one-year warranty. Coverage is subject to limits and exclusions.

See warranty for details.

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■ SAFETY PRECAUTIONS

WARNING! Please read and understand all safety precautions, operating instructions, and care/maintenance instructions before operating this appliance. Keep this manual for future reference.

- This product is not a toy. Keep out of the reach of children.
- This product is designed for use in the home only as indication of weather conditions. This product is not to be used for medical purposes or for public information.
- Do not clean the unit with abrasive or corrosive materials.
- Do not place the appliance near open flames or heat sources. Fire, electric shock, product damage, or injury might occur.
- Only use fresh new batteries in the product. Do not mix new and old batteries together.
- Do not disassemble, alter, or modify the product.
- Only use attachments or accessories with this product specified by the manufacturer.
- Do not submerge the unit in water. Dry the product with a soft cloth if liquid spills on it.
- Do not subject the unit to excessive force, shock, duct, extreme temperature, or humidity.
- Do not cover or block the ventilation holes with any objects.
- This console of this product is intended to be used indoors only.
- This product is only suitable for mounting at height less than 6.6 ft. (2 m).
- Do not tamper with the unit's internal components. Tampering with the product will void the warranty.
- AA batteries are not included. When inserting batteries, make sure that the positive and negative polarities match with the markings in the compartment. CR2032 battery is included.
- Do not mix standard, alkaline, and rechargeable batteries together.
- Leaving a battery exposed to extremely high temperature in the surrounding environment can result in an explosion or leakage of flammable liquid or gas.
- Leaving a battery exposed to extremely low air pressure in the surrounding environment can result in an explosion or leakage of flammable liquid or gas.

■ WARNINGS

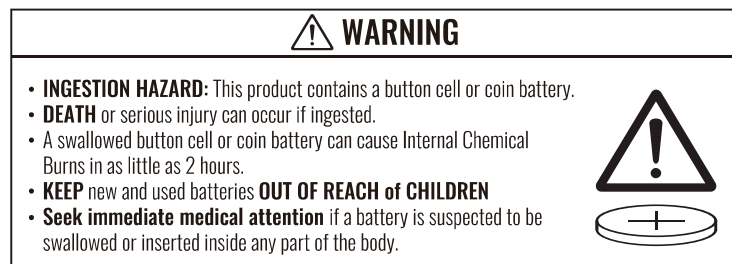
1. Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
2. Even used batteries may cause severe injury or death.
3. Call a local poison control center for treatment information.
4. The compatible battery type: CR2032.
5. The nominal battery voltage: 3.0VDC.

QUESTIONS OR PROBLEMS? CONTACT US!

Email: info@supportcbp.com or call: 1-833-815-0568
www.logiaweatherstation.com

■ WARNINGS

6. Non-rechargeable batteries are not to be recharged.
7. Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
8. Ensure the batteries are installed correctly according to polarity (+ and -).
9. Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
10. Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
11. Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.



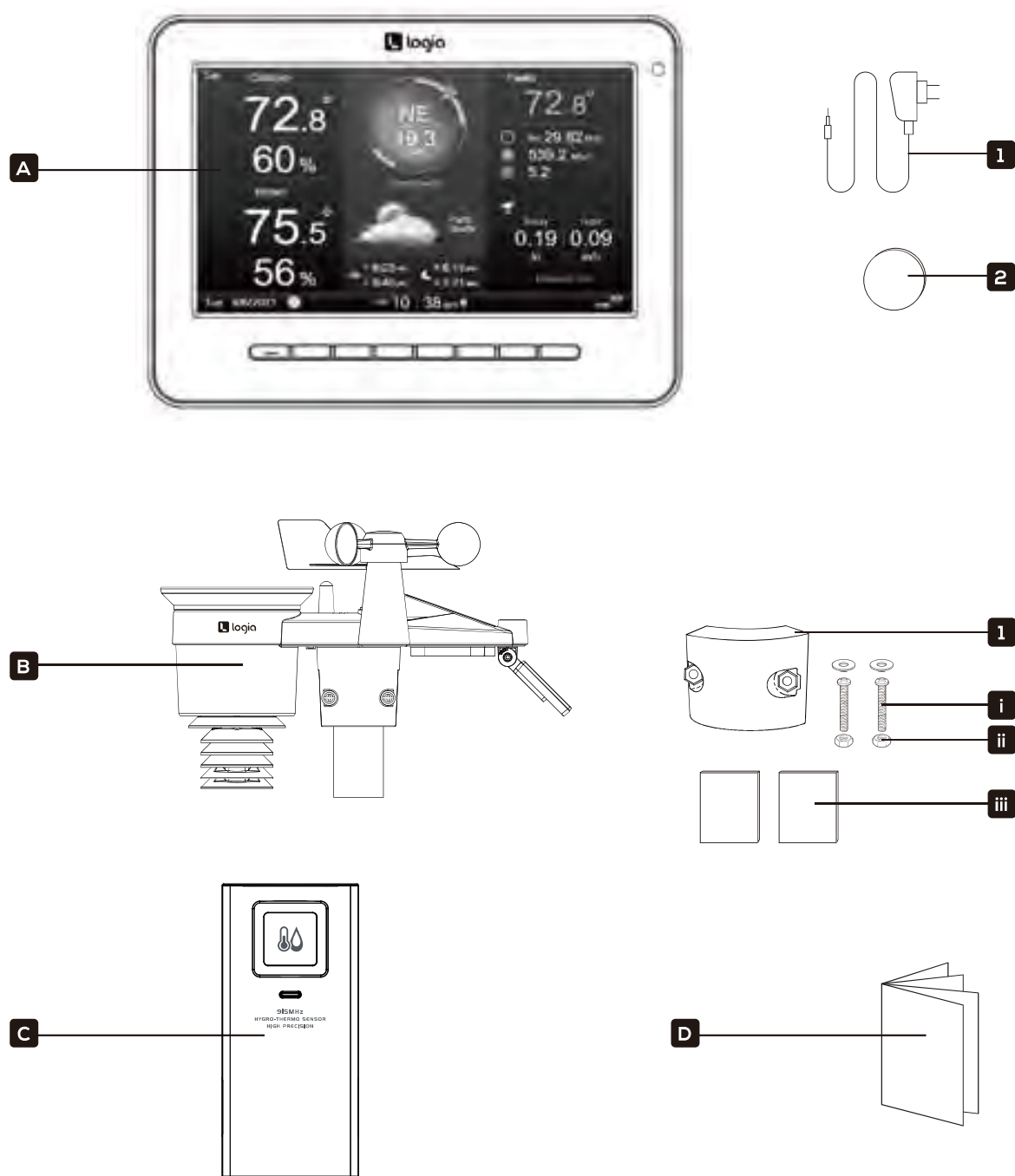
■ TIPS FOR SENSOR SITE SELECTION

- Rain collector must be cleaned every few months.
- Batteries in sensor must be changed every two to two and a half (2 – 2.5) years.
- Sensor should be installed at least 5' (1.5 m) away from any building or structure.
- Choose a location in open space under direct sunlight with no obstructions.
- The sensor should remain in line of sight and within 328' (100 m) of the console for consistent, steady transmission.
- Keep your sensor and console away from household appliances that operate on the same frequency. The console and sensor should be at least 3' – 7' (1 – 2 m) away from such interferences.

■ PRODUCT FEATURES

1. Wireless 7-in-1 weather sensor measures wind speed, wind direction, rainfall, UV index, light intensity, temperature, and humidity
2. No calibration needed! The product is fully pre-calibrated and mostly assembled; all you need to do is install it and sync with the included display console
3. Provides precise weather and environmental information directly from your own backyard, instead of relying on a national weather station
4. 7" HD LCD display screen with USB port
5. Syncs via Wi-Fi® to online weather servers

■ PACKAGE CONTENTS



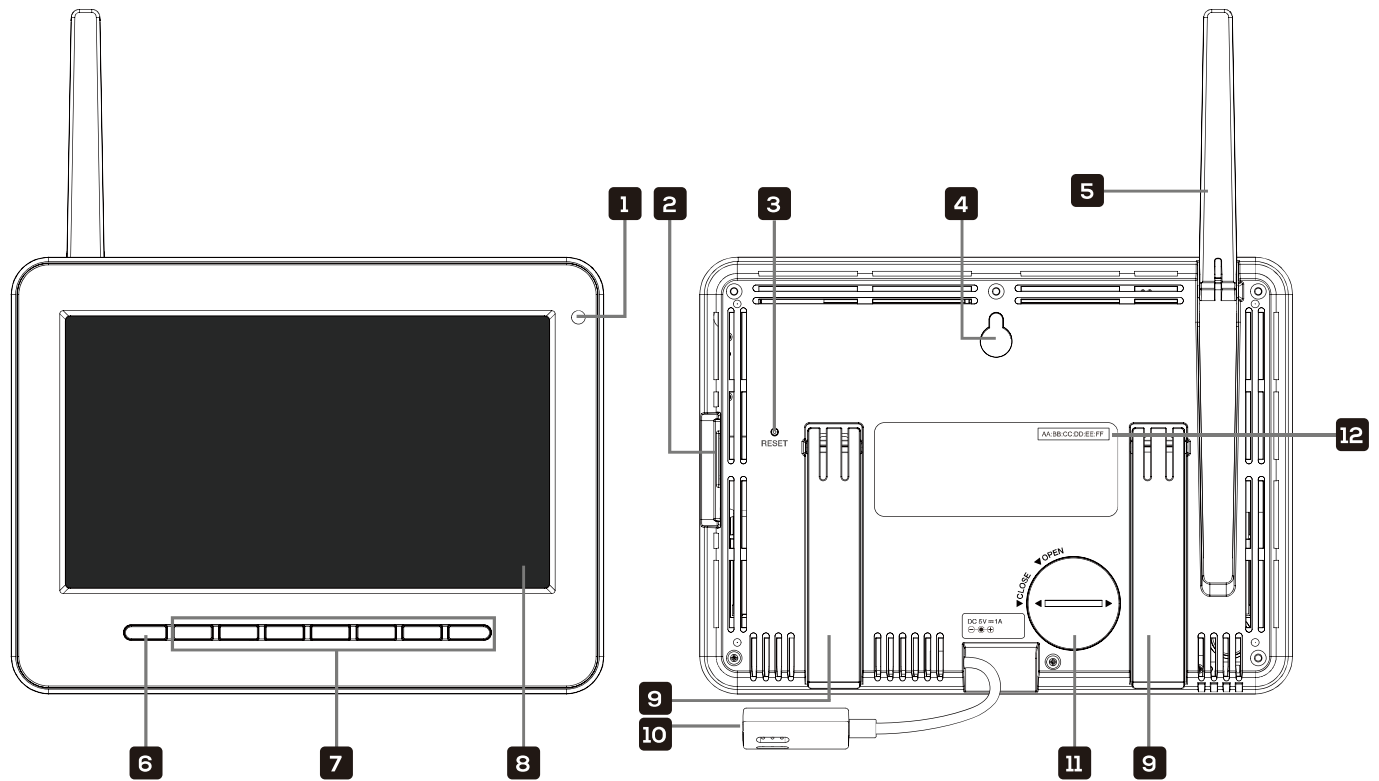
- A. Weather display console
1. Console power adapter
2. Console CR2032 battery

- B. 7-in-1 outdoor weather sensor
1. Mounting clamp
i. 2 x screws (for clamp)
ii. 2 x hexagonal nuts (for clamp)
iii. 2 x rubber pads (for clamp)

- C. Wireless hygro-thermo sensor
D. User guide

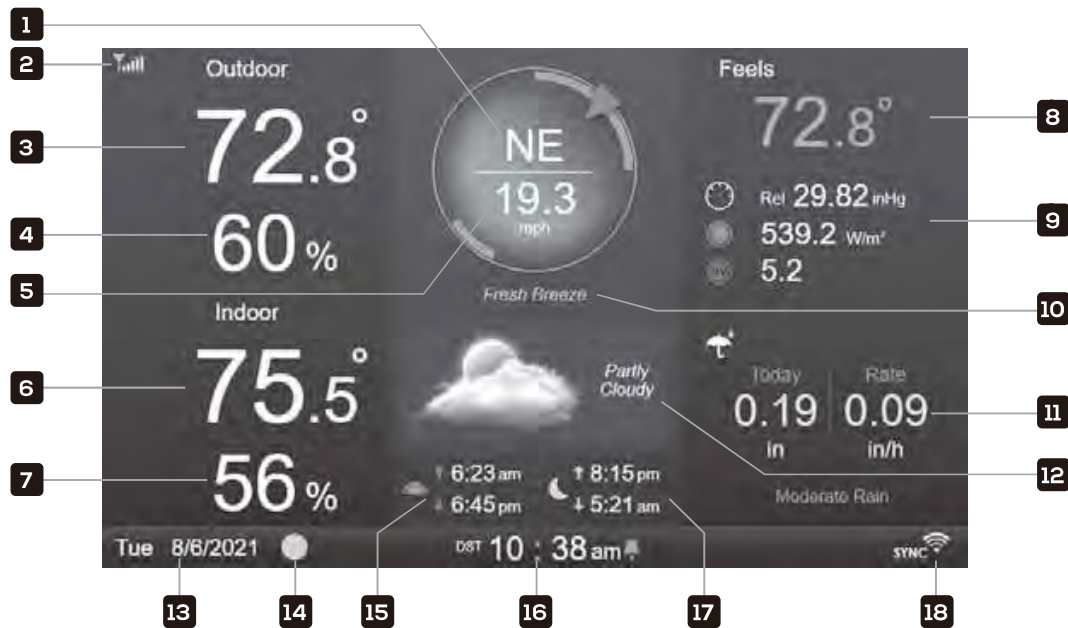
■ PRODUCT OVERVIEW

WEATHER CONSOLE OVERVIEW



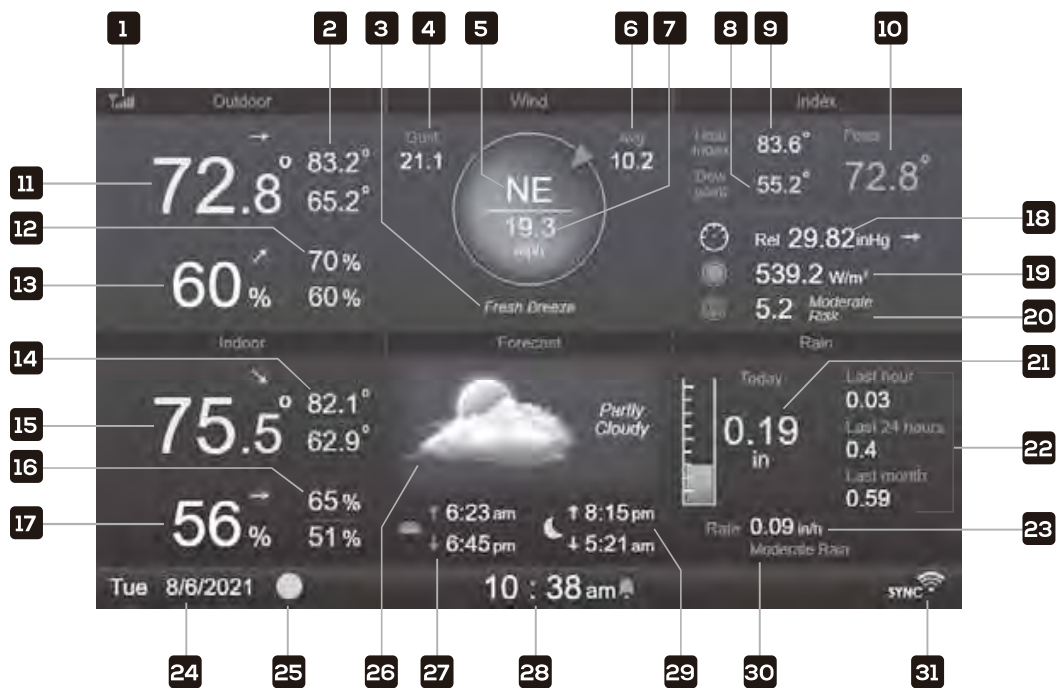
- | | |
|---------------------------|-----------------------|
| 1. Ambient light detector | 7. Function buttons |
| 2. USB port | 8. Display screen |
| 3. RESET button | 9. Kickstand |
| 4. Wall mounting holder | 10. Power cord |
| 5. Antenna | 11. Battery door |
| 6. HOME button | 12. Mac address label |

HOME SCREEN OVERVIEW



1. Wind direction
2. Sensor signal strength icon
3. Outdoor temperature
4. Outdoor humidity
5. Wind speed
6. Indoor temperature
7. Indoor humidity
8. Feels like temperature
9. Baro pressure, UVI, and light intensity
10. Wind speed level
11. Rainfall and rain rate
12. Weather forecast
13. Date
14. Moon phase
15. Sunrise/sunset time
16. Time
17. Moon rise/moon set time
18. Wi-fi connection/time sync icon

DETAIL SCREEN OVERVIEW



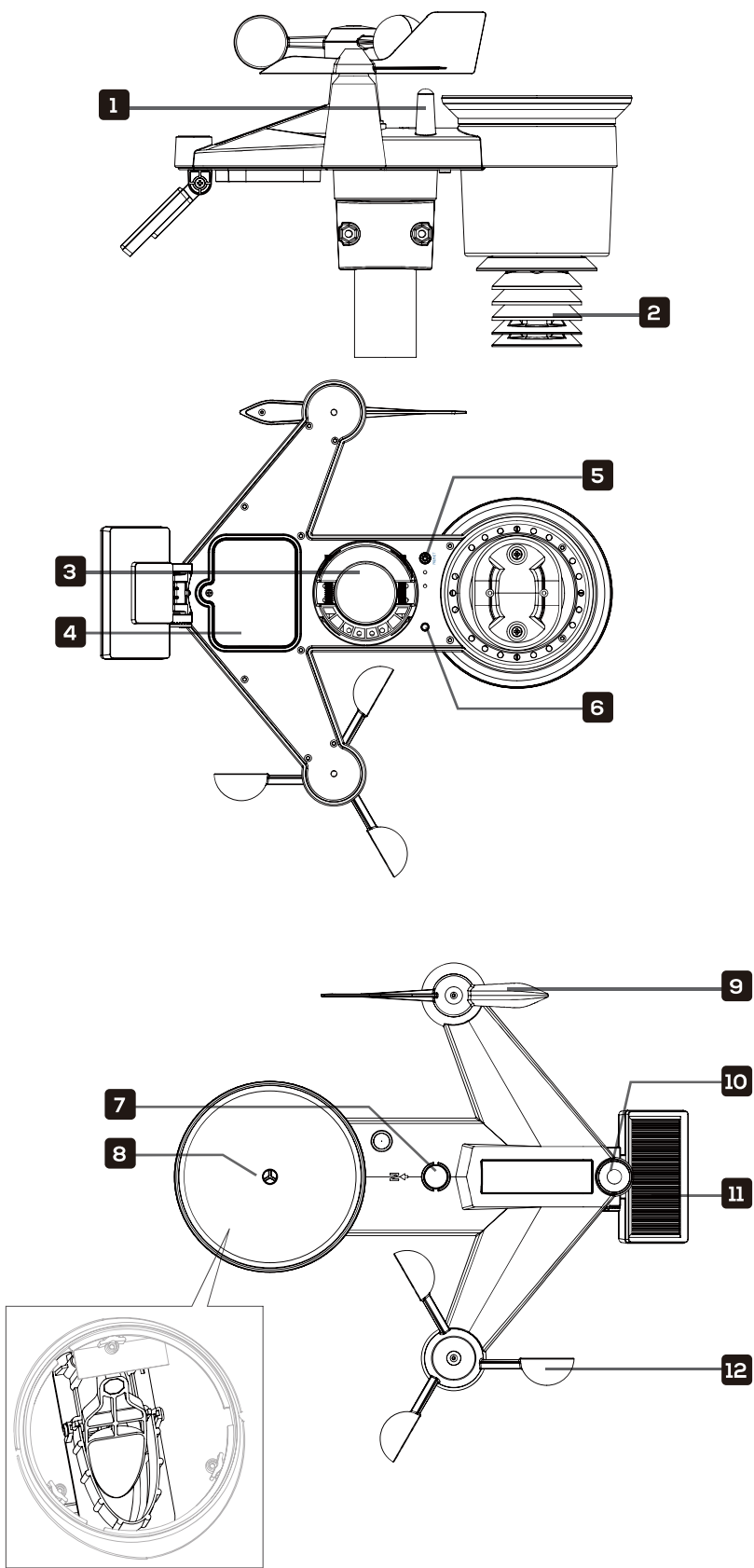
- | | | |
|--------------------------------|---------------------------------|--|
| 1. Sensor signal strength icon | 11. Outdoor temperature | 22. Last hour, last 24 hrs., and last month rainfall |
| 2. Outdoor MAX/MIN temperature | 12. Outdoor MAX/MIN humidity | 23. Rain rate |
| 3. Wind speed level | 13. Outdoor humidity | 24. Date |
| 4. Wind gust | 14. Indoor MAX/MIN temperature | 25. Moon phase |
| 5. Wind direction | 15. Indoor temperature | 26. Weather forecast |
| 6. Average wind speed | 16. Indoor MAX/MIN humidity | 27. Sunrise/sunset time |
| 7. Current wind speed | 17. Indoor humidity | 28. Current time |
| 8. Dew point | 18. Barometric pressure | 29. Moon rise/moon set time |
| 9. Heat index/wind chill | 19. Light intensity | 30. Rain rate level |
| 10. Feels like temperature | 20. UV index and exposure level | 31. Wi-fi connection/time sync icon |
| | 21. Today's rainfall | |

SUMMARY SCREEN OVERVIEW



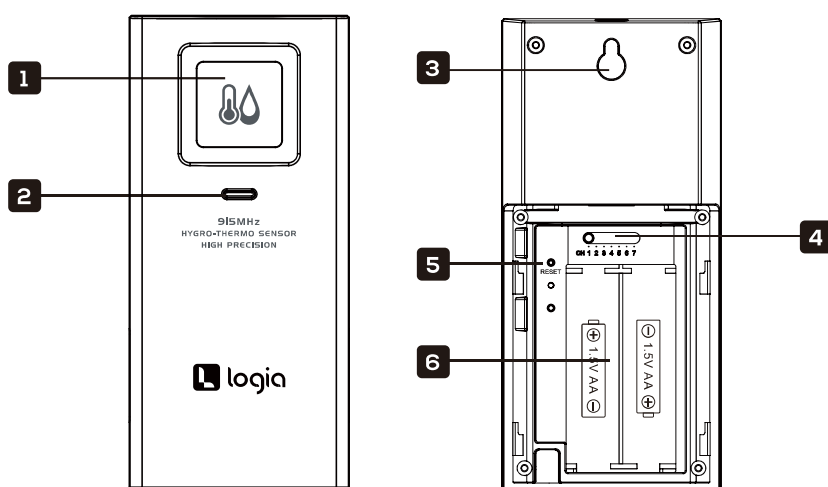
1. Sensor signal strength icon
2. In/out icon label
3. CH 1 signal strength icon
4. CH 1 icon label
5. Sensor name
6. In/out temperature
7. In/out humidity
8. No screen connect screen
9. Pool sensor icon (optional)
10. Water temperature (optional)
11. Soil temperature (optional)
12. Soil sensor icon (optional)
13. Soil moisture (optional)
14. Date
15. Moon phase
16. Current time
17. Wi-fi connection/time sync icon

WIRELESS SENSOR OVERVIEW



- | | | |
|---|----------------------------|---------------------|
| 1. Antenna | 5. RESET button | 9. Wind vane |
| 2. Radiation shield & hygro-thermo sensor | 6. Transmission status LED | 10. UV/light sensor |
| 3. Mounting base | 7. Bubble level | 11. Solar Cell |
| 4. Battery door | 8. Rain collector | 12. Wind cups |

WIRELESS HYGRO-THERMO SENSOR OVERVIEW



- | | |
|----------------------------|------------------------|
| 1. LCD display | 4. Channel switch |
| 2. Transmission status LED | 5. RESET button |
| 3. Wall mounting holder | 6. Battery compartment |

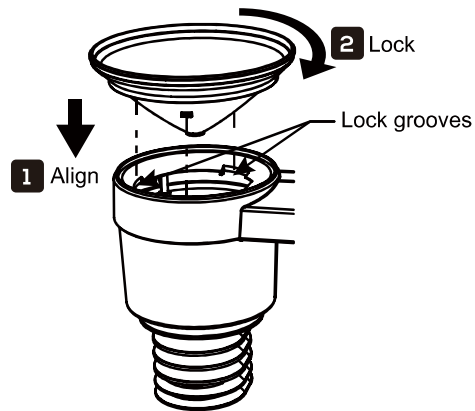
■ INSTALLATION INSTRUCTIONS

SETTING UP THE WIRELESS 7-IN-1 OUTDOOR SENSOR

The wireless 7-in-1 outdoor sensor measures wind speed, wind direction, rainfall, UV, light intensity, temperature, and humidity.

INSTALLING THE RAIN FUNNEL

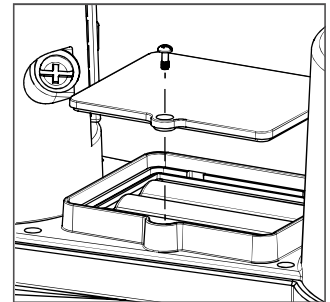
1. Align the lock grooves on the rain funnel with the lock grooves in the rain collector.
2. Lower the rain funnel onto the rain collector. Then, turn the rain funnel clockwise to lock it in place.



Installing the Batteries

1. Unscrew the battery door at the bottom of the 7-in-1 outdoor sensor using a screwdriver (not included).
2. Insert three (3) AA batteries (not included) into the battery compartment.
3. Close and fasten the battery door back on the compartment.

NOTE: The LED light will flash red every 12 seconds.



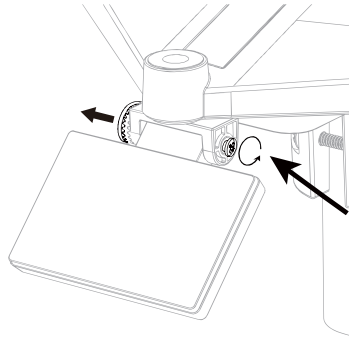
NOTE: The LED light will flash red every 12 seconds.

ADJUSTING THE SOLAR CELL

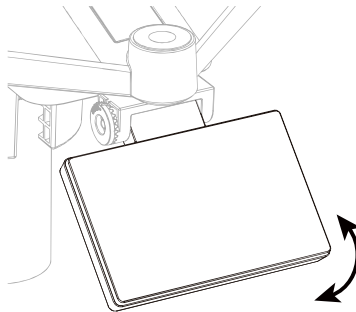
1. Remove the protection film on the solar cell.



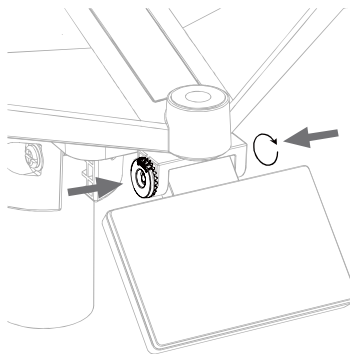
2. Loosen the screw at the joint so the gear on the other side of the joint pushes out. The solar cell should now be in an unlocked position.



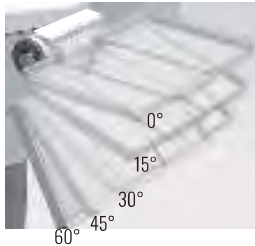
3. Adjust the vertical angle of the solar cell to get the most optimal usage out of the solar cell depending on your location.



4. Push the gear inward and tighten the screw until the gears lock in place.



When adjusting the solar cell set it to an angle closest to your latitude. View chart below to get an idea how you should angle your solar cell.

Latitude Proximity	Solar Cell Angle Selection	
If your location is close to 60°	60°	
If your location is close to 45°	45°	
If your location is close to 30°	30°	
If your location is close to 15°	15°	
If your location is close to 0°	0°	

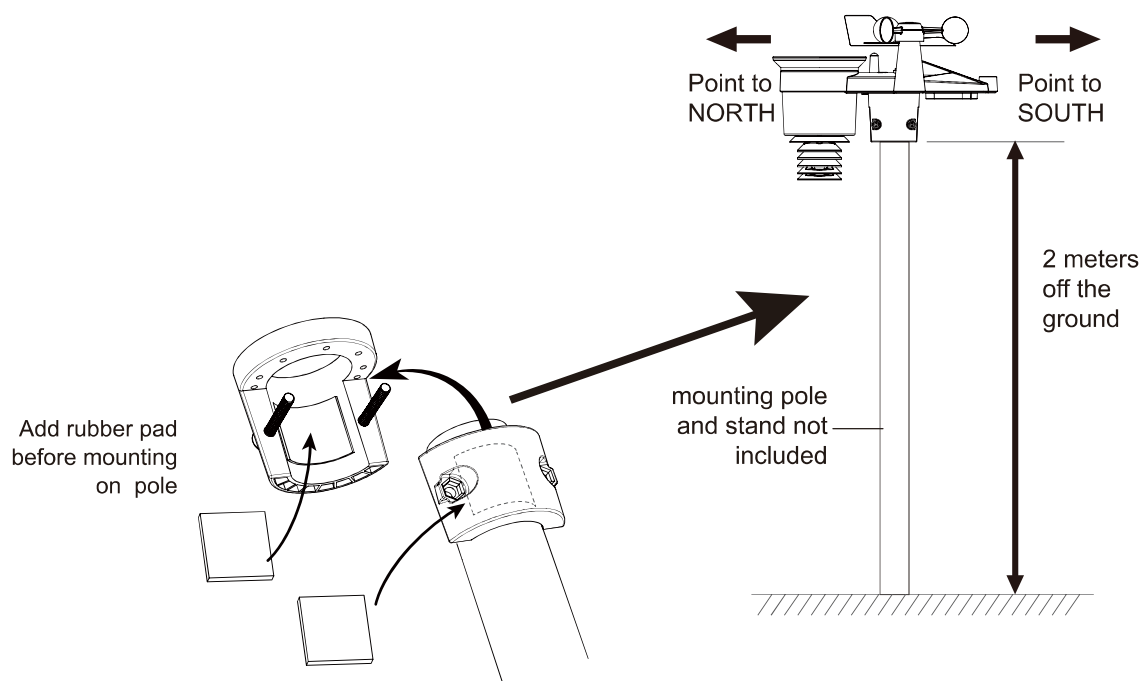
MOUNTING THE SENSOR ON A POLE

1. Stick the rubber pads on the inside of the mounting clamp and mounting base of the sensor.
2. Insert two (2) screws into the mounting base and clamp. Then, loosely tighten the screws using included nuts.
3. Place the mounting fixture over a pole (not included).
4. Tighten all the screws so the sensor sits firmly and securely on the pole.

NOTE: Place the mounting base and clamp on a steel pole or post with a 1.2" – 1.6" (30 – 40 mm) diameter and is a minimum of 6.6' (2 m) off the ground.

When setting up the outdoor sensor, make sure the rain collector side is facing north.

When placing the outdoor sensor, make sure it is within 492' (150 m) of the display console.



POINTING THE WIRELESS 7-IN-1 OUTDOOR SENSOR TO SOUTH (OPTIONAL)

The outdoor wireless weather sensor is calibrated to be pointed north for maximum accuracy. However, for your convenience, if you are a user located in the Southern Hemisphere, you can use the sensor with the wind vane pointing south.

1. Mount and install the wireless weather sensor with the wind meter end pointed South, instead of North. (Please refer to Mounting Sensor on Pole for mounting instructions.)
2. Select "S" in hemisphere section of the setup UI setup page. (Please refer to Setting Up Weather Server Connection section for setup details)
3. Press the APPLY icon to confirm and exit.

NOTES: Changing the hemisphere setting will automatically switch the direction of the moon phases on the display.

Pointing the wireless weather sensor toward the south will allow maximum sunlight on the solar panel, especially during the winter season in the Southern Hemisphere.

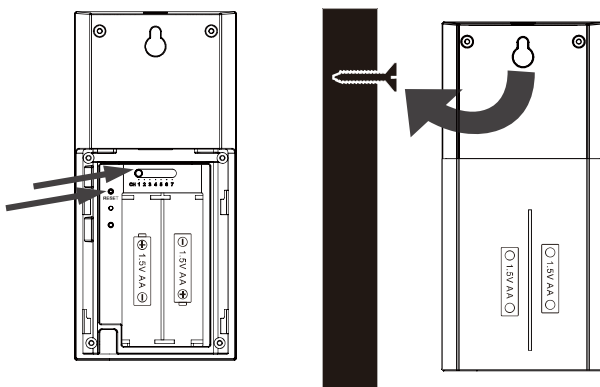
■ SETTING UP THE WIRELESS INDOOR HYGRO-THERMO SENSOR

INSTALLING THE BATTERIES

1. Remove the battery door of the sensor.
2. Use the channel slider to set the channel number for the sensor.
3. Insert two (2) AA batteries into the battery compartment. Then, place the battery door back on the compartment. The transmission status LED will begin to flash every minute.

NOTES: The hygro-thermo sensor will enter synchronization mode and pair to the display console within the next 30 – 60 minutes.

To reassign the sensor, use the channel slider to change the set channel number then press the RESET button on the sensor.



MOUNT THE SENSOR TO A WALL

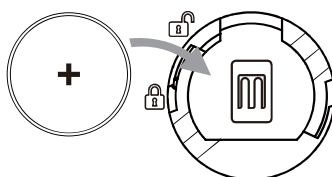
To mount the sensor, place a screw into the wall. Then, hang the sensor on the screw using the wall mounting holder on back of the sensor.

■ SETTING UP THE DISPLAY CONSOLE

INSTALLING THE BATTERIES

1. Remove the battery door on back of the console.
2. Insert a CR2032 battery (included) into the compartment.
3. Place the battery door back onto the compartment and twist it in place.

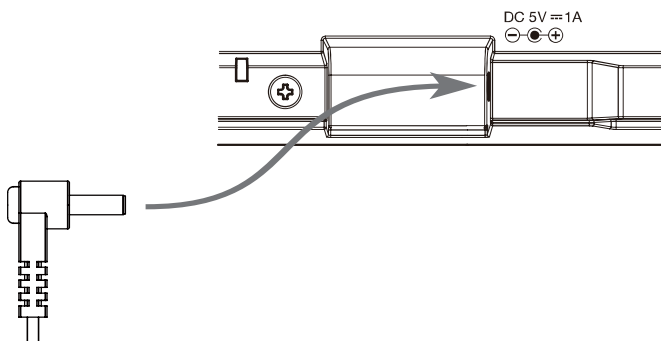
NOTE: Remove the battery if you plan to store the display console for a long period of time.



POWERING UP THE CONSOLE

1. Connect the power adapter to the integrated power cord of the console.
2. Plug the other end of the power adapter into a power outlet to turn on the console.
3. Flip the antenna on back of the console up.
4. Once the console is turned on, the segments on the HD display will light up.

NOTE: If nothing appears on the display after connecting the power adapter, then press the RESET button using a pin.



STARTING UP THE DISPLAY OF THE CONSOLE

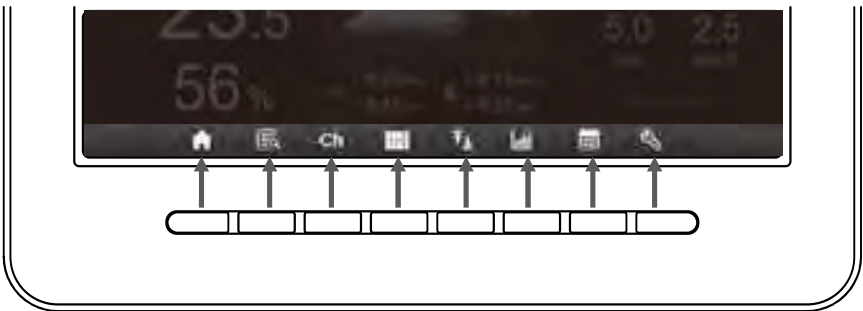
Basic information must be entered when setting up the console for the first time.

- 1. Select the language for the console using the buttons that correspond to the up and down arrows.
- 2. Then, use the button that corresponds to the right arrow to proceed to the next step.
- 3. Select your region using the buttons that correspond to the up and down arrows.
- 4. Then, use the button that corresponds to the right arrow to save your settings.
- 5. Wait for the outdoor weather sensor and hygro-thermo sensor to pair with your console.

OPERATING INSTRUCTIONS

DISPLAY BUTTONS

When on the home screen, user can press the HOME button or any other button to show the main function icons as shown below:



MAIN FUNCTIONS OF BUTTONS

ICON	DESCRIPTION
	Home key Press this anytime to return to home screen.
	Expand key Press this key to show the details screen.
	Channel key Press this key to switch between indoor and channel readings.
	Overview key Press this key to show In/Outdoor and channel overview screen.
	Max / Min records key Press this key to show the Max/Min records screen.
	History Graph key Press this key to show the history graph screen.
	Records table key Press this key to show the records table screen.
	Settings key Press this key to show the settings screen.

OTHER FUNCTIONS OF BUTTONS FOR SETTINGS

ICON	DESCRIPTION
	Up key Press this key to select upper row or item.
	Down key Press this key to select lower row or item.
	Left key Press this key to select left side column or item.
	Right key Press this key to select right side column or item.
	+ key Press this key to increase the value or switch to other option
	- key Press this key to decrease the value or switch to other option
	Confirm key Press this key to confirm the action
	Search key Press this key to open the search box in record table
	Erase key Press this key to erase the selected record

FORECAST

Familiarize yourself with the 15 weather icons that can appear on the console according to weather conditions forecasted.

Sunny	Partly cloudy	Cloudy	Rainy	Rainy / Stormy	Snowy
					

MOON PHASE

The moon phase is determined by the time, date, and time zone. The sun-lit area of the moon moves from right to left in the Northern Hemisphere, while in the Southern Hemisphere, it moves from left to right. Below is the table which illustrate how the moon will appear on the console.

Northern Hemisphere Icons	Moon Phase	Southern Hemisphere Icons
	New Moon	
	Waxing Crescent Moon	
	First Quarter Moon	
	Waxing Gibbous Moon	
	Full Moon	
	Waning Gibbous Moon	
	Third Quarter Moon	
	Waning Crescent Moon	

TREND INDICATOR

The trend indicator shows the trends of changes in the forthcoming few minutes. These icons will appear in the temperature, humidity, and barometric pressure section of the detail screen.

Rising	Steady	Falling
		

WIRELESS SIGNAL RECEPTION

Familiarize yourself with the icons for different signal strength. Relocate your console or weather sensor if signal is weak or lost.

No sensor	Signal searching	Strong signal	Weak signal	Signal lost
				

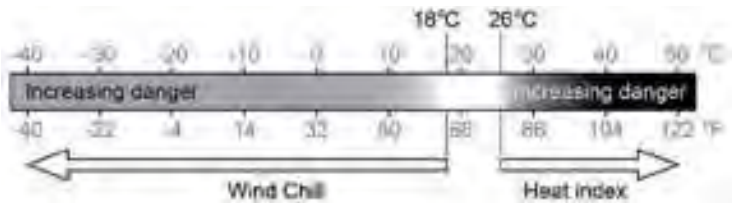
WI-FI CONNECTION STATUS

Familiarize yourself with the icons for Wi-fi connection status.

Wi-Fi disconnected	Wi-Fi connected	Wi-Fi connected with Sync
		

FEELS LIKE

The feels like temperature index determines what temperature it actually feels like outside, taking into account factors like wind chill and the heat index.



HEAT INDEX

The heat index is determined by the wireless weather sensor’s temperature and humidity readings when the temperature is between 79 °F (26 °C) and 120 °F (50 °C).

Heat Index range	Warning	Explanation
81 °F – 90 °F (27 °C – 32 °C)	Caution	Possibility of heat exhaustion
91 °F – 104 °F (33 °C – 40 °C)	Extreme Caution	Possibility of heat dehydration
106 °F – 129 °F (41 °C – 54 °C)	Danger	Heat exhaustion highly likely
≥ 131 °F (≥ 55 °C)	Extreme Danger	Strong risk of dehydration/ heatstroke

WIND CHILL

Wind chill or windchill is the lowering of temperature due to the passing-flow of lower-temperature air. Wind chill is determined by a combination of the wireless weather sensor's temperature and wind speed data.

DEW POINT

The dew point is the temperature below which the water vapor in air at constant barometric pressure condenses into liquid water at the same rate at which it evaporates. The condensed water is called dew when it forms on a solid surface.

The dew point temperature is determined by the temperature and humidity data from the wireless weather sensor.

RAIN

This section shows the rainfall or rain rate information.

RAINFALL DISPLAY MODES

- RAIN RATE: current rainfall rate in the last 10 minutes
- DAILY: total rainfall since midnight
- WEEKLY: total rainfall between Sunday and Saturday
- MONTHLY: total rainfall from first to last day of the month
- TOTAL: total rainfall since the last reset

RESET THE RAINFALL RECORDS

Refer to Erase All Data section to clear rainfall data.

BAROMETRIC PRESSURE

Check the weather website for real-time barometer conditions then adjust the relative in the Calibration setting section.

WIND

WIND SPEED AND DIRECTION

This section displays the wind speed, current wind direction, predominant wind directions, and wind speed level.

- Wind speed: is the average wind speed measured in the previous 12 seconds.
- Average wind: is the average wind speed in 10 minutes.
- Gust: is the highest wind speed recorded in the previous 12 seconds

BEAUFORT SCALE

The Beaufort scale below is an international scale of wind velocities from 0 (calm) to 12 (Hurricane force).

Beaufort Scale	Description	Wind Speed	Land Condition
0	Calm	< 1 km/h	Calm. Smoke rises vertically.
		< 1 mph	
		< 1 knots	
		< 0.3 m/s	
1	Light air	1.1 ~ 5km/h	Smoke drift indicates wind direction. Leaves and wind vanes are stationary.
		1 ~ 3 mph	
		1 ~ 3 knots	
		0.3 ~ 1.5 m/s	
2	Light breeze	6 ~ 11 km/h	Wind felt on exposed skin. Leaves rustle. Wind vanes begin to move.
		4 ~ 7 mph	
		4 ~ 6 knots	
		1.6 ~ 3.3 m/s	
3	Gentle breeze	12 ~ 19 km/h	Leaves and small twigs constantly moving. Light flags extended.
		8 ~ 12 mph	
		7 ~ 10 knots	
		3.4 ~ 5.4 m/s	
4	Moderate breeze	20 ~ 28 km/h	Dust and loose paper raised. Small branches begin to move.
		13 ~ 17 mph	
		11 ~ 16 knots	
		5.5 ~ 7.9 m/s	
5	Fresh breeze	29 ~ 38 km/h	Branches of a moderate size move. Small trees in leaf begin to sway.
		18 ~ 24 mph	
		17 ~ 21 knots	
		8.0 ~ 10.7 m/s	
6	Strong breeze	39 ~ 49 km/h	Large branches in motion. Whistling heard in overhead wires. Umbrella use becomes difficult. Empty plastic bins tip over.
		25 ~ 30 mph	
		22 ~ 27 knots	
		10.8 ~ 13.8 m/s	
7	High wind	50 ~ 61 km/h	Whole trees in motion. Effort needed to walk against the wind.
		31 ~ 38 mph	
		28 ~ 33 knots	
		13.9 ~ 17.1 m/s	
8	Gale	62 ~ 74 km/h	Some twigs broken from trees. Cars veer on road. Progress on foot is seriously impeded
		39 ~ 46 mph	
		34 ~ 40 knots	
		17.2 ~ 20.7 m/s	
9	Strong gale	75 ~ 88 km/h	Some branches break off trees, and some small trees blow over. Construction / temporary signs and barricades blow over.
		47 ~ 54 mph	
		41 ~ 47 knots	
		20.8 ~ 24.4 m/s	
10	Storm	89 ~ 102 km/h	Trees are broken off or uprooted, structural damage likely.
		55 ~ 63 mph	
		48 ~ 55 knots	
		24.5 ~ 28.4 m/s	
11	Violent storm	103 ~ 117 km/h	Widespread vegetation and structural damage likely.
		64 ~ 73 mph	
		56 ~ 63 knots	
		28.5 ~ 32.6 m/s	
12	Hurricane force	≥ 118 km/h	Severe widespread damage to vegetation and structures. Debris and unsecured objects are hurled about.
		≥ 74 mph	
		≥ 64 knots	
		≥ 32.7 m/s	

WIND SPEED LEVEL

The wind speed level chart on display provides a quick reference on the current wind condition. The background color of the compass changes according to the wind speed.



Beaufort Scale	0 ~ 2	3 ~ 4	5 ~ 6	7 ~ 8	9 ~ 10	11 ~12
Speed (km/h)	0 ~ 11	12~28	29-49	50-74	75-102	≥ 103
Compass color	Blue	Green	Yellow green	Yellow	Orange	Red

UV INDEX AND LIGHT INTENSITY

This section displays a chart for UV index and light intensity.

UVI	Rating	Comment
0-2	Low	A UV Index reading of 0 to 2 means low danger from the sun's UV rays for the average person.
3-5	Medium	A UV Index reading of 3 to 5 means moderate risk of harm from unprotected sun exposure.
6-7	High	A UV Index reading of 6 to 7 means high risk of harm from unprotected sun exposure. Protection against skin and eye damage is needed.
8-10	Very High	A UV Index reading of 8 to 10 means very high risk of harm from unprotected sun exposure. Take extra precautions because unprotected skin and eyes will be damaged and can burn quickly.
11-16	Extreme	A UV Index reading of 11 or more means extreme risk of harm from unprotected sun exposure. Take all precautions because unprotected skin and eyes can burn in minutes.

SUNRISE/SUNSET & MOON RISE/MOON SET TIME

The console indicates your location's sunrise/sunset & moon rise/moon set times, which is based on time zone, latitude, and longitude you entered. If Daylight Saving is set to AUTO, the times will adjust an hour forward automatically for daylight saving.

MULTI-CHANNEL AND SCROLL MODE FOR OPTIONAL SENSORS

Users can add up to seven (7) additional hygro-thermo sensors to display console. While on the home screen, press the CHANNEL **Ch** button to switch between indoor and channels 1 to 7. To go through the channels every five (5) seconds automatically press and hold the CHANNEL **Ch** button for two (2) seconds until the  icon appears on screen.



MAX/MIN

This section explains how to get to, view, and clear MAX/MIN records.

1. Press the HOME  button to show key function icons.
2. Press the MAX/MIN RECORDS  button to show the MAX/MIN Records screen.
3. Use the up  and down  keys to show indoor, outdoor, and channel's records.
4. To clear the selected MAX/MIN records, use the up  and down  key to select the records.
5. Then, press and hold the erase  key for two (2) seconds.

Today's Records		
Outdoor		
Temperature °F	1:10 pm ↑ 88.2	4:23 am ↓ 51.2
Humidity %	10:18 am ↑ 92	10:23 am ↓ 35
Feels like °F	12:23 am ↑ 88.7	5:23 am ↓ 68.5
Dew point °F	11:26 am ↑ 63.5	5:23 am ↓ 53.9
Heat index °F	12:23 am ↑ 88.7	
Wind chill °F		2:23 am ↓ 50.3
Wind speed mph	2:13 am ↑ 16.2	
Wind gust mph	2:22 am ↑ 19.5	
Rain rate in/h	5:45 pm ↑ 0.06	
Hourly rain in	5:23 pm ↑ 0.12	
UVI	12:23 am ↑ 11.2	
Light intensity Klux	12:23 am ↑ 180	

Today's Records		
Indoor		
Temperature °F	1:10 pm ↑ 88.2	4:23 am ↓ 51.2
Humidity %	10:18 am ↑ 92	10:23 am ↓ 35
Feels like °F	12:23 am ↑ 88.7	5:23 am ↓ 68.5
Dew point °F	11:26 am ↑ 63.5	5:23 am ↓ 53.9
Heat index °F	12:23 am ↑ 88.7	
Wind chill °F		2:23 am ↓ 50.3
Wind speed mph	2:13 am ↑ 16.2	
Wind gust mph	2:22 am ↑ 19.5	
Rain rate in/h	5:45 pm ↑ 0.06	
Hourly rain in	5:23 pm ↑ 0.12	
UVI	12:23 am ↑ 11.2	
Light intensity Klux	12:23 am ↑ 180	

HISTORY GRAPH

This section explains how to get to and view history graphs.

1. Press the HOME  button to show key function icons.
2. Press the HISTORY GRAPH  button to show the history graph mode.
3. Press the up  or down  key to select a data source from the list.
4. Press the right  key to view the past 24 hrs. graph.
5. When the graph appears, press the up  or down  key to show other graphs.
6. Press the left  key to go back to the history graph list.

NOTE: When console is powered off, all the graphs will reset.



DATA LOG SCREEN

The data log screen captures all the history records. Users can connect their USB flash drive to the console to store weather data.

1	2	3	4	5	6					
No.	Date	Time	In	In	Baro Pressure	Out	Out	Feels like	Dew point	Heat index
00001	10/11/2021	10:00 am	80.5	56	1011	85.2	65	88.6	69.3	89.6
00002	10/11/2021	10:05 am	82.6	59	1012	82.1	58	85.3	76.8	86.3
00003	10/11/2021	10:10 am	79.5	59	1012	86.2	65	82.5	78.8	82.5
00004	10/11/2021	10:15 am	83.8	45	1013	82	69	85.2	76.5	85.2
00005	10/11/2021	10:20 am	82.5	56	1011	82.5	85	83.2	72.1	83.2
00006	10/11/2021	10:25 am	85.8	59	1012	86.3	58	89.8	68.2	89.8
00007	10/11/2021	10:30 am	86.5	56	1012	89.2	65	93.6	80.5	93.6
00008	10/11/2021	10:35 am	83.8	45	1013	81	69	82.5	65.2	82.5
00009	10/11/2021	10:40 am	81.5	56	1011	86.2	85	91.2	62.5	91.2
00010	10/11/2021	10:45 am	82.6	59	1012	85.1	58	88.3	68.2	88.3
00011	10/11/2021	10:50 am	86.5	56	1012	82.2	65	89.8	67.2	89.8
00012	10/11/2021	10:55 am	82.8	45	1013	79.2	69	78.5	65.2	79.5
00013	10/11/2021	11:00 am	87.5	59	1011	78.9	85	89.2	67.8	90.2
00014	10/11/2021	11:05 am	86.8	59	1012	79.1	58	82.3	62.5	82.3
00015	10/11/2021	11:10 am	82.5	56	1012	78.2	65	88.2	68.7	88.2
00016	10/11/2021	11:15 am	87.8	45	1013	76.2	69	78.6	72.5	78.6

7

50%

10:38 am
6/2/2021

1. Number of row
2. Record time and date
3. Indoor temperature and humidity
4. Barometric pressure
5. Outdoor temperature and humidity
6. Temperature index
7. Percentage of data storage remaining

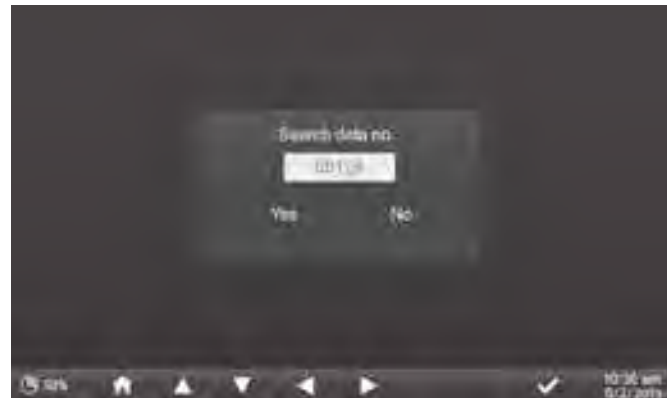
NAVIGATING THE DATA LOG SCREEN

1. Press the HOME button to show key function icons.
2. Press the RECORD TABLE button to show the Data Log Screen.
3. Use the up, down, left, and right keys to browse through the screen.
4. Press the search key to show the data search screen.

No.	Date	Time	In	In	Baro Pressure	Out	Out	Feels like	Dew point	Heat index
00001	10/11/2021	10:00 am	80.5	56	1011	85.2	65	88.6	69.3	89.6
00002	10/11/2021	10:05 am	82.6	59	1012	82.1	58	85.3	76.8	86.3
00003	10/11/2021	10:10 am	79.5	59	1012	86.2	65	82.5	78.8	82.5
00004	10/11/2021	10:15 am	83.8	45	1013	82	69	85.2	76.5	85.2
00005	10/11/2021	10:20 am	82.5	56	1011	82.5	85	83.2	72.1	83.2
00006	10/11/2021	10:25 am	85.8	59	1012	86.3	58	89.8	68.2	89.8
00007	10/11/2021	10:30 am	86.5	56	1012	89.2	65	93.6	80.5	93.6
00008	10/11/2021	10:35 am	83.8	45	1013	81	69	82.5	65.2	82.5
00009	10/11/2021	10:40 am	81.5	56	1011	86.2	85	91.2	62.5	91.2
00010	10/11/2021	10:45 am	82.6	59	1012	85.1	58	88.3	68.2	88.3
00011	10/11/2021	10:50 am	86.5	56	1012	82.2	65	89.8	67.2	89.8
00012	10/11/2021	10:55 am	82.8	45	1013	79.2	69	78.5	65.2	79.5
00013	10/11/2021	11:00 am	87.5	59	1011	78.9	85	89.2	67.8	90.2
00014	10/11/2021	11:05 am	86.8	59	1012	79.1	58	82.3	62.5	82.3
00015	10/11/2021	11:10 am	82.5	56	1012	78.2	65	88.2	68.7	88.2
00016	10/11/2021	11:15 am	87.8	45	1013	76.2	69	78.6	72.5	78.6

SEARCHING FOR A ROW OF DATA

1. In the data search screen, use the up ▲, down ▼, left ◀, and right ▶ keys to enter the number of the row being searched.
2. Press the confirm ✓ key to select the yes option.
3. Press the confirm ✓ key again to go to that row.



GENERAL SETTINGS



- | | |
|------------------------|------------------------|
| 1. Time & date setting | 6. Alert setting |
| 2. Alarm setting | 7. Calibration setting |
| 3. Display setting | 8. Other setting |
| 4. Unit setting | 9. Data log setting |
| 5. Sensor setting | |

All the console settings and system information are in the setting menu, press the up ▲ /down ▼ key to select the section required, then press the right ▶ key to enter the sub items of the section.

TIME & DATE SETTING



Press the up ▲ /down ▼ key to select one of the following settings:

#	Sub item	Operation
a	Internet time sync	Press + / - to turn on or turn off
b	Time format	Press + / - to select 12 or 24 format
c	Time set	When time sync is off, press ◀ / ▶ to select between hour or minute, press + / - to adjust the value.
d	Date format	Press + / - to select M / D or D / M format
e	Date set	When time sync is off, press ◀ / ▶ to select month or date, press + / - to adjust the value.
f	Year set	When time sync is off, press + / - to adjust the value.
g	Daylight saving time	Press + / - to turn off or set the DST to auto.
h	Time zone	Press + / - to select the your local time zone to get correct time.
i	Hemisphere	Press + / - to select NORTH or SOUTH hemisphere for the 7-in-1 sensor point to and moon phase.

ALARM TIME SETTING



Press the up ▲ /down ▼ key to select one of the following settings:

#	Sub item	Operation
a	Alarm time set	Press ◀ / ▶ to select between hour or minute. Press + / - to adjust the value
b	Alarm mode	Press + / - to select Everyday or Weekday only
c	Alarm	Press + / - to turn on or turn off
d	Ice pre alert	Press + / - to turn on or turn off.
e	Alarm sound level	Press + / - to adjust the sound level
f	Key tone level	Press + / - to adjust the key tone level (default is off)

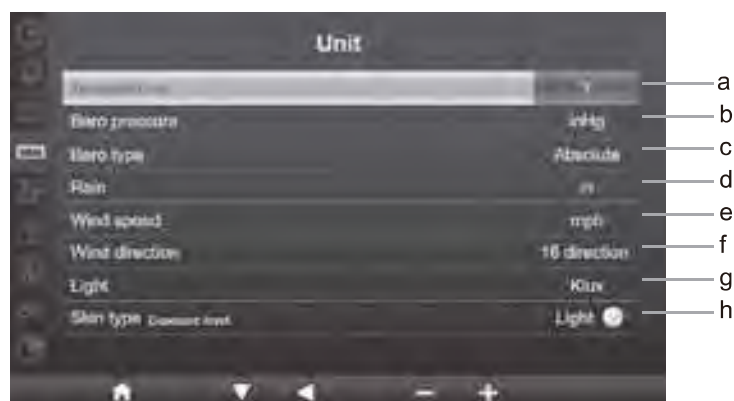
DISPLAY SETTING



Press the up ▲ /down ▼ key to select one of the following settings:

#	Sub item	Operation
a	Language	Press + / - to select the display language
b	Background color	Press + / - to select light or dark color background for display mode
c	Night mode	Press + / - to set enable (trigger to the activate time period), disable or auto (trigger by your room ambient light level)
d	Night mode activate time	Press ◀ / ▶ to select between hour or minute. Press + / - to adjust the value.
e	MAX / MIN record mode	Press + / - to select MAX / MIN data records mode by Accumulate (Acc.) or daily.
f	Back light level	Press + / - to adjust the back light level in normal
g	Back light level (Night mode)	Press + / - to adjust the back light level during night mode
h	Contrast	Press + / - to adjust the screen contrast
i	Brightness	Press + / - to adjust the screen brightness

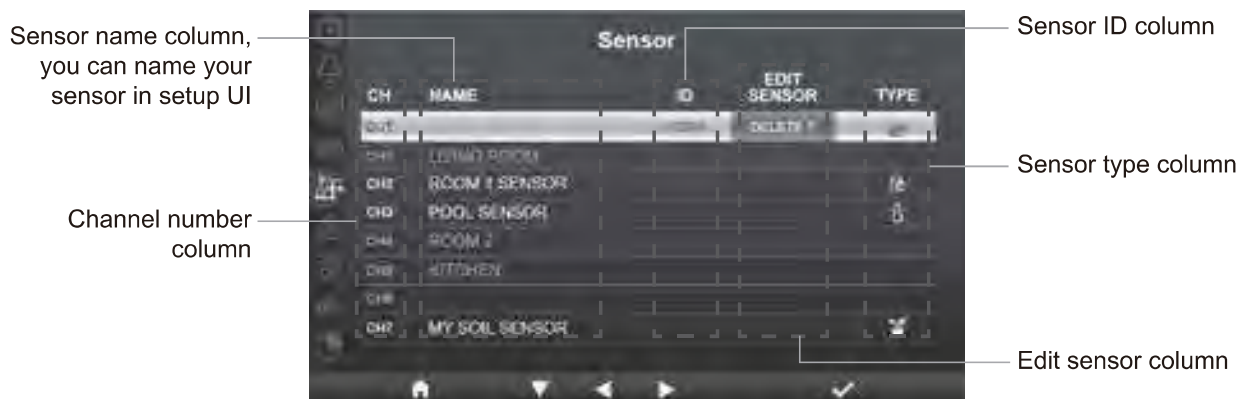
UNIT SETTING



Press the up ▲ /down ▼ key to select one of the following settings:

#	Sub item	Operation
a	Temperature	Press + / - to select °C or °F
b	Baro pressure	Press + / - to select hPa, inHg or mmHg
c	Baro type	Press + / - to select relative or absolute
d	Rain	Press + / - to select mm or in
e	Wind speed	Press + / - to select m/s, km/h, knots or mph
f	Wind direction	Press + / - to select 16 direction or 360°
g	Light	Press + / - to select Klux, Kfc or w/m ²
h	Skin type exposure level	Press + / - to select light, medium, or dark skin type for exposure level

SENSOR STATUS & EDITING



Adding a New Sensor

1. Press the up ▲ or down ▼ key to select the empty channel.
2. Press the right ► key to select the edit sensor column.
3. When the column shows the "Add" option, click the confirm ✓ key to start the sensor search.
4. Select the matching channel number on the sensor, then power on or press the RESET button to start the pairing.
5. Once devices are connected, the sensor icon, ID, and signal strength will show in the channel row.

Deleting a Current Sensor

1. Press the up ▲ or down ▼ key to select the connected sensor.
2. Press the right ► key to select the edit sensor column.
3. When the column shows the "Delete" option, click the confirm key to delete the sensor.

Checking Sensor Status

1. Press the up ▲ or down ▼ key to select the connected sensor.
2. Press the right ► key twice to select the sensor type icon.
3. Press the right ► key again to show the sensor connection status.



ALERT SETTING

SET INDOOR ALERT

1. Press the right ► key to enter the indoor alert setting screen
2. Press + / - key to adjust the value or the on and off option.
3. Press the left ◀ or right ► key to select different setting value.
4. Press the up ▲ or down ▼ key to select different row of the setting.
5. When finished, press the left ◀ key to go back to alert screen or the HOME button to go back to the home screen.

SET OUTDOOR ALERT

1. Press the right ► key to enter the outdoor alert setting screen
2. Press + / - key to adjust the value or the on and off option.
3. Press the left ◀ or right ► key to select different setting value.
4. Press the up ▲ or down ▼ key to select different row of the setting.
5. When finished, press the left ◀ key to go back to alert screen or the HOME button to go back to the home screen.

SET CHANNEL ALERT

1. Press the right  key to enter the channel alert setting screen
2. Press  /  key to adjust the value or the on and off option.
3. Press the left  or right  key to select different setting value.
4. Press the up  or down  key to select different row of the setting.
5. When finished, press the left  key to go back to alert screen or the HOME button to go back to the home screen.

OTHER ALERT FUNCTIONS

Sub item	Operation / Description
Reset all alert values	1. Press  key to show the confirmation screen 2. Press  /  key to select Yes or No 3. Press  key to confirm the action
Disable all alerts	1. Press  key to show the confirmation screen 2. Press  /  key to select Yes or No 3. Press  key to confirm the action
Alert Activated	Press  key to show the list of the activated alerts

CALIBRATION SETTING

Press the up  /down  key to select indoor, outdoor, channels, or other settings.

Calibration for Indoor Parameter

1. Press the right  key to enter indoor calibration screen.
2. Press  /  key to adjust the value.
3. Press the left  or right  key to select different parameter.
4. Press the up  or down  key to select different row of the parameter.
5. When finished, press the right  key to go back to the calibration screen or press the HOME button to go to the home screen.

Calibration for Outdoor Parameter

1. Press the right  key to enter outdoor calibration screen.
2. Press  /  key to adjust the value.
3. Press the left  or right  key to select different parameter.
4. Press the up  or down  key to select different row of the parameter.
5. When finished, press the right  key to go back to the calibration screen or press the HOME button to go to the home screen.