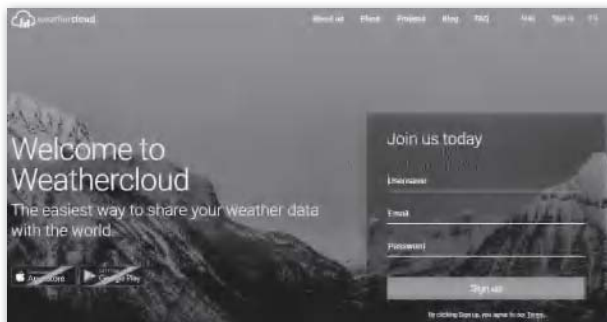
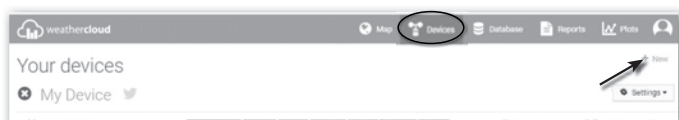




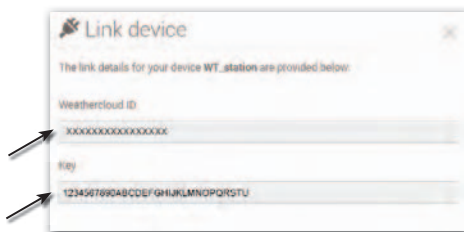
2. Once your account is created, sign into it, and then click +New to add a new device.



3. Enter all the requested information into the Create New Device page. When presented with the **Model** selection box, choose **LOWSC510WB Series** under the **Logia** section. When presented with the **Link Type** selection box, choose **Pro Weather Link**. Once you have completed this section, click **Create**.

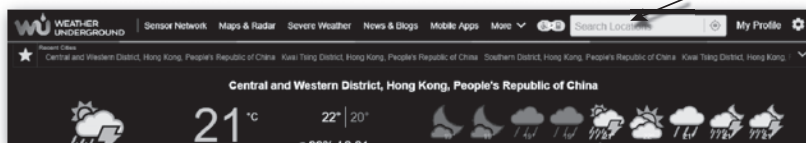
 The image shows the 'Create new device' form. It has two main sections: 'Basic information' and 'Location'. The 'Basic information' section includes fields for 'Name' (with a placeholder 'My device'), 'Model' (a dropdown menu), 'Link type' (a dropdown menu), 'Website' (with a placeholder 'www.example.com'), and a 'Description' text area. The 'Location' section includes fields for 'Country' (a dropdown menu), 'State / Province' (a dropdown menu), 'City' (a text field), 'Time zone' (a dropdown menu), 'Latitude' (a text field), 'Longitude' (a text field), 'Altitude' (a text field with a unit 'm'), and 'Height' (a text field with a unit 'm'). There's a 'Get coordinates' button between the 'Time zone' and 'Latitude' fields. At the bottom right, there's a 'Create' button. An arrow points to the 'Create' button.

4. Write down or screenshot your Weathercloud ID and Station Key/Password for reference and to complete the setup process.



VIEW YOUR WEATHER DATA IN WEATHER UNDERGROUND

To view your weather station data live via PC or mobile web browser, visit <http://www.wunderground.com>, and then enter the Station ID you were provided during account setup in the search box. Your weather data will show up on the next page. Alternately, you can log in to your Weather Underground account to view and download the recorded data from your weather station.



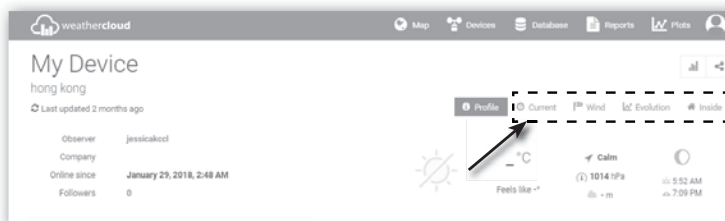
You can also check the Weather Underground website to learn more about their mobile app for Android and iOS.

VIEW YOUR WEATHER DATA IN WEATHERCLOUD

1. To view your weather station data live via PC or mobile web browser, visit <http://www.weathercloud.net> and sign into the account you created.
2. Click on the tab at the top of the page titled Devices.
3. Click on the Settings menu at the top right of the page, and select the option View.

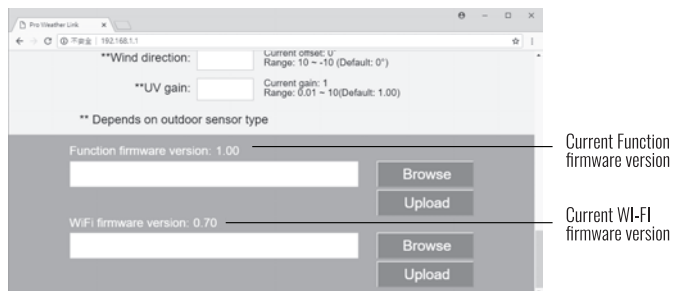


4. Click on either Current, Wind, Evolution, or Inside to view your weather station's data.



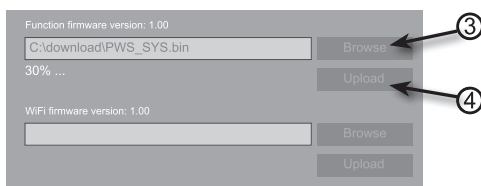
UPDATING THE FIRMWARE

This display console supports OTA (over the air) Function Firmware and Wi-Fi System Firmware updates via any web browser (not mobile browser) on a PC that is connected to Wi-Fi®. The update function for both types of updates can be found at the bottom of the Advanced Tab on the wireless settings interface (see Advanced Settings via Web Interface on page 20).

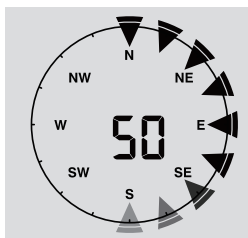


Follow the steps below to update your device's Function or Wi-Fi® System Firmware

1. Download the latest version of the firmware (function or Wi-Fi®) and save it to your PC. Remember where you saved the file.
2. Press and hold the SENSOR/WI-FI button for six (6) seconds to put the display console into AP mode, then connect the PC to the console (refer to steps in Set Up Wi-Fi® Connection on page 18).
3. Click the button that says Browse next to the appropriate type of update that you downloaded and navigate to the location where you saved the file.
4. Click the corresponding Upload button to transfer the update file to the console.



5. The file will install automatically once it is uploaded. You can view update progress on the display console in the wind direction section (the number displayed will correspond to the percentage completed, so 50 = 50% and so on).



6. The console will restart once the update completes.

NOTES:

- You cannot update the Function Firmware and Wi-Fi® Firmware at the same time. Updates must be installed one by one.
- Make sure the power cable remains connected during the update process.
- Make sure your PC's wireless connection is stable.
- Once the update process starts, do not try to do anything else on your PC or on the display console.
- During the firmware update process, the console will stop uploading data temporarily. It will reconnect to your router and resume uploading data once the update is complete. If the console cannot connect to your router, you may need to set up the Wi-Fi® connection again, following the steps on page 18.
- Once your firmware update completes, you may need to input your Weather Underground ID and password again on the SETUP tab of the wireless interface.

■ OTHER CONSOLE SETTINGS AND FUNCTIONS

MANUALLY SETTING THE TIME

The display console is designed to synchronize with the internet time server to obtain the local time, but if you want to use it without connecting to your home wireless network, you can set the time manually. During initial setup, you will need to press and hold the SENSOR/WI-FI button for six (6) seconds, then let the display console return to normal mode. This will put it into offline mode for you to use it.

1. In normal operating mode while offline, press and hold the CLOCK SET button for two (2) seconds to enter the clock setting menu.
2. Press the ▲ or ▼ buttons to adjust the time zone.
3. Press the CLOCK SET button again to make adjustments to the next setting.
4. Settings will cycle through the following options: **Time Zone > DST ON/OFF > Hour > Minute > 12/24-hour Format > Year > Month > Day > M-D/D-M Format > Time Sync ON/OFF > Language.**
5. Press the CLOCK SET button one final time after adjusting all settings options to save and exit, or the console will automatically save and exit the menu after 60 seconds of idle time.

NOTES:

- In normal operating mode, press the CLOCK SET button once to switch between date and year display.
- While adjusting settings, you can press and hold the CLOCK SET button for two (2) seconds to return to normal mode.

MOON PHASE

The display console calculates the moon phase according to your time, date, and time zone. The table below explains the corresponding phases and their icons for both Northern and Southern hemispheres. Please refer to the section regarding Orienting the Wireless Weather Sensor Due South on page 25 for more information on setting up your Wireless Weather Sensor in the Southern Hemisphere.

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	

POINTING THE WIRELESS WEATHER SENSOR TO SOUTH

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 the Installation Instructions on page 12 for mounting instructions.)
2. While the display console is in normal operating mode, press and hold the INDEX button for eight (8) seconds until the N icon appears in the weekday section of the display to indicate the console is in sensor orientation mode.
3. Use the ▲ or ▼ buttons to change the orientation to Southern Hemisphere. The N should change to an S.
4. Press the INDEX button another time to confirm and exit the menu.

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 THE ALARM

If you'd like to use your display console as an alarm clock, follow these instructions to set the alarm time:

1. In normal operating mode, press and hold the ALARM button for two (2) seconds until the alarm hour starts flashing. This indicates that you have entered the alarm time setting mode.
2. Use the ▲ or ▼ buttons to adjust the alarm hour. Press and hold either button to move through the hours quickly.
3. Press the ALARM button again to confirm the alarm hour and move to adjusting the minutes. The minute digits should be flashing.
4. Use the ▲ or ▼ buttons to adjust the alarm minute. Press and hold either button to move through the minutes quickly.
5. Press the ALARM button to save and exit the menu.

NOTES:

- Once you have an alarm set, the 🔔 icon will be displayed next to the time on the LCD display.
- The alarm function will be activated automatically once you set a time.

ACTIVATING/DEACTIVATING THE ALARM & TEMPERATURE PRE-ALARM

The temperature pre-alarm will alert you 30 minutes prior to your alarm time whenever the outdoor temperature falls below 26.5°F (-3°C).

1. In normal operating mode, press the ALARM button to display the set alarm time for five (5) seconds.
2. When the alarm time is being shown on the LCD display, press the ALARM button again to cycle through the alarm functions as shown below. The corresponding icons will appear on the LCD display.

		
Alarm off	Alarm on	Alarm with ice-alert

3. When the clock reaches the designated alarm time, the alarm sound will start playing.
4. To stop the alarm:
 - a. Allow the alarm to continue for two minutes and it will stop itself automatically. It will remain set for the following day.
 - b. Press the SNOOZE/BACKLIGHT button on top of the unit to snooze the alarm for five minutes. The snooze can be set continuously for 24 hours. We don't recommend doing that, though. While the console is in snooze mode, the alarm icon 🔔 will continue flashing.
 - c. Press and hold the SNOOZE/BACKLIGHT BELL for two (2) seconds to stop the alarm completely. It will stay set for the following day.
 - d. Press the ALARM button to stop the alarm completely. It will remain set for the following day.

TEMPERATURE/HUMIDITY & TRENDS

Press the °C/°F button to switch between Celsius and Fahrenheit temperature measurements. The arrows show the trend in changes to the temperature/humidity levels.

Arrow Icon			
Temp/Humidity Trend	Rising	Steady	Falling

NOTE:

- If/when the temperature outside falls below -40°F (-40°C), the LCD display will show the word “Lo” in the temperature section. If the temperature outside rises above 176°F (80°C), the LCD display will show the word, “Hi” in the temperature section.
- If/when the humidity level falls below 1%, the LCD display will show the word “Lo” in the humidity section. If/when the humidity level rises above 99%, the LCD display will show the word, “Hi” in the humidity section.

VIEWING OUTDOOR CHANNELS

This console is capable of pairing with the wireless weather sensor and up to 7 additional wireless thermal-hygro sensors. If you have 2 or more sensors installed, press the CH button to cycle between different wireless channels in normal operating mode, or press and hold the CH button for two (2) seconds to toggle auto-cycle mode on, which cycles through displaying all connected channels at 4-second intervals. While the console is in auto-cycle mode, you can press the CH button once to toggle auto-cycle mode off and continue displaying the current channel.

RECEIVING WIRELESS SENSOR SIGNALS

1. While in normal operating mode, press the SENSOR/SYNC button once to start receiving the current sensor signal on the channel being displayed. (i.e. if you're on CH 1 and press the SENSOR/ SYNC button, the current wireless sensor signal being received will only display on CH 1.) The signal icon will start flashing.
2. The signal icon will continue flashing until it successfully receives a signal. If no signal is received within five (5) minutes, the icon will disappear.

		
No signal	Weak signal	Good signal

3. If the signal for the outdoor channel has been interrupted and does not recover within 15 minutes, the signal icon will disappear. The temperature and humidity section (outdoor) will display “—” on the corresponding channel.
4. If the signal still does not recover within 48 hours, the “—” display will become permanent. You will need to replace the batteries on the associated channel’s sensor and press the SENSOR/SYNC button to pair up the sensors again.
5. After replacing batteries in the display console or the wireless weather sensor, or if the unit fails to receive a specified channel, press the SENSOR/SYNC button while the failed channel is being displayed to manually receive that sensor’s signal again.

INDOOR COMFORT INDICATOR KEY

The indoor comfort indicators display a pictorial representation based on the indoor air temperature and humidity levels to determine the approximate comfort level.

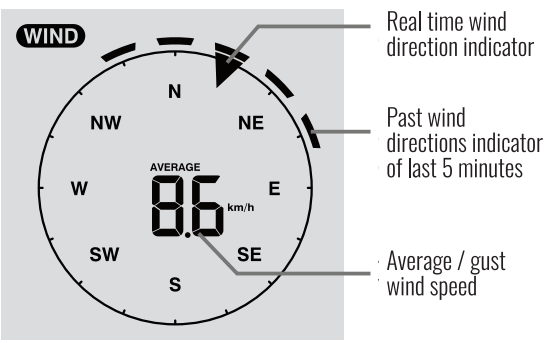
☹️	😊	☹️💧
Too cold	Comfortable	Too hot

NOTE:

Comfort indicator levels may vary even when the temperature is the same due to variances in relative humidity levels. No comfort indicator will be displayed if the temperature falls below 32°F (0°C) or over 140°F (60°C).

WIND READOUTS

Wind Direction



SELECTING WIND DISPLAY MODE

While in normal operating mode, press the WIND button to switch between the average wind speed measurement and gust wind speed measurement.

Set Wind Speed Units

1. While in normal operating mode, press and hold the WIND button for two seconds to enter the wind speed unit setting mode. The unit display will start flashing. Press the ▲ or ▼ buttons to cycle through the wind speed units in the following order: **m/s > km/h > knots > mph**