E8610

GB | Wireless Weather Station

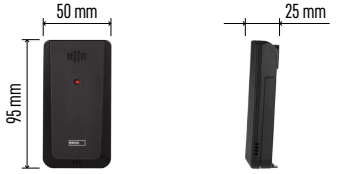
Contents

Safety Instructions and Warnings

 Read the user manual before using the device.

 Follow the safety instructions in the manual.

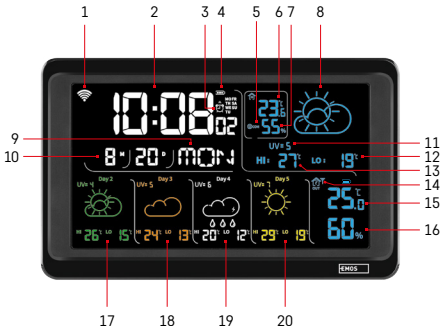
- Do not tamper with the internal electrical circuits of the product – doing so may damage the product and will automatically void the warranty. The product should only be repaired by a qualified professional.
- Clean the product using a soft, slightly damp cloth. Do not use solvents or detergents – they could scratch the plastic parts and cause corrosion of the electrical circuits.
- Do not use the device in the proximity of devices that generate electromagnetic fields.
- Do not expose the product to excessive force, impact, dust, high temperatures or humidity – these may cause the product to malfunction or may deform its plastic parts.
- Do not insert any objects into the openings on the device.
- Do not submerge the device in water.
- Protect the device from falls or impacts.
- Only use the device in accordance with the instructions provided in this manual.
- The manufacturer is not liable for damage caused by improper use of the device.
- The appliance is not intended for use by persons (including children) whose physical, sensory or mental disability, or lack of experience and expertise prevents safe use, unless they are supervised or instructed in the use of the appliance by a person responsible for their safety. Children must always be supervised to ensure they do not play with the appliance.

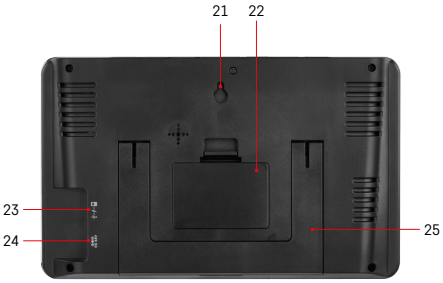


Technical Specifications

Clock controlled by Wi-Fi signal
Time format: 12/24 h
Indoor temperature: -10 °C to +50 °C, 0.1 °C resolution
Outdoor temperature: -40 °C to +70 °C, 0.1 °C resolution
Indoor and outdoor temperature measurement accuracy: ±1 °C for range 0 °C to +50 °C, ±2 °C for range -20 °C to 0 °C/+50 °C to +70 °C, ±4 °C for range -40 °C to -20 °C
Indoor and outdoor humidity: 20 % to 95 % RH, 1 % resolution
Accuracy of humidity measurement: ±5 % for range 35 % to 75 % RH, ±10 % for range 20 % to 35 % RH/75 % to 95 % RH
Radio signal range: up to 80 m in an open area
Transmission frequency: 433 MHz, 10 mW e.r.p. max.
Number of sensors: max. 3
Power supply:
- main station:
  - 3× 1.5 V AAA batteries (not included)
  - adapter, 230 V AC/5 V DC, 1,000 mA (included)
- sensor: 2× 1.5 V AAA batteries (not included)

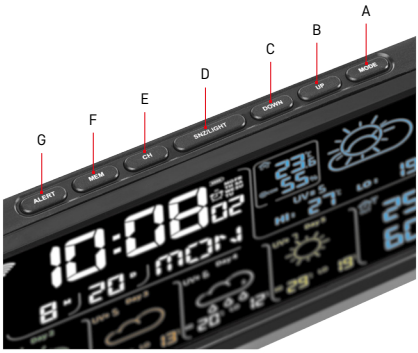
max. USB output: 5 V DC/1 A/5 W
Dimensions:
- main station: 205 × 29 × 127 mm
- sensor: 50 × 25 × 95 mm





Description of Icons and Buttons on the Station and Sensor

1 – Wi-Fi signal reception
2 – time
3 – alarm activation
4 – battery level in the station
5 – heat index – smiley face
6 – indoor temperature
7 – indoor humidity
8 – weather forecast
9 – day of the week
10 – date
11 – UV index
12 – min. temperature forecast for the current day
13 – max. temperature forecast for the current day
14 – sensor number 1/2/3, battery level in the sensor
15 – outdoor temperature
16 – outdoor humidity
17 – weather forecast for the 2nd day
18 – weather forecast for the 3rd day
19 – weather forecast for the 4th day
20 – weather forecast for the 5th day
21 – hole for hanging
22 – station battery compartment
23 – USB charging output
24 – power adapter socket
25 – stand
26 – sensor LED
27 – hole for hanging
28 – sensor battery compartment
29 – channel selector (1, 2, 3)/RESET button



A – MODE button
B – UP button
C – DOWN button
D – SNZ/LIGHT button
E – CH button
F – MEM button
G – ALERT button

Getting Started

1. Connect the power adapter to the weather station, then insert batteries (3× 1.5 V AAA) into the station. Remove the battery compartment cover on the back of the sensor, use the channel selector to set the sensor number (1/2/3) and insert alkaline batteries (2× 1.5 V AAA). Make sure the polarity is correct when inserting the batteries to avoid damaging the weather station or sensor.
2. The icon for wireless communication with sensor will start flashing, indicating that the weather station is searching for signal from the outdoor sensor. Place the two units next to each other. If outdoor temperature does not appear within 3 minutes, the weather station will stop searching for signal, the icon for wireless communication with sensor will stop flashing and outdoor temperature will be displayed as --.-. If signal from the sensor is not detected, repeat the process from step 1.

We recommend placing the sensor on the north side of the house. The range of the sensor may decrease substantially in areas with a large number of obstacles. The sensor is resistant to dripping water; however, it should not be exposed to sustained rain.
Do not place the sensor on metal objects as these would reduce transmission range.
The sensor can be placed vertically or hung on a wall.
If the weather station screen shows the low battery icon in field no. 14 , replace the batteries in the sensor.
The low battery icon displays for each sensor separately.
If the weather station screen shows the low battery icon in field no. 4, replace the batteries in the station.

Weather Station RESET

If the weather station displays incorrect values or does not respond to button presses, disconnect the power adapter, remove the batteries, then reinsert the batteries and reconnect the adapter. This will erase all data; you will need to set the weather station again.
A sensor can be restarted by pressing the RESET button (use a paper clip or similar).

Changing Sensor Channel and Connecting Additional Sensors

The station can be paired with up to 3 wireless sensors.
1. Press the CH button repeatedly to select sensor number 1/2/3.
2. Long-press the CH button; the station will start searching for signal from sensors; a icon will be flashing for all of them.
3. Remove the cover from the battery compartment on the back of each sensor,set the sensor channel number using the selector (1, 2, 3 – each sensor must be set to a different number), then insert alkaline batteries (2× 1.5 V AAA).
4. Data from the sensors will be loaded into the station within 3 minutes. Repeat the whole process if sensor signal is not detected.

Manual Settings

1. Long-press the MODE button; settings will start flashing.
2. Use the UP/DOWN buttons to set values for: year – month – day – 12/24 h time format – hour – minute.
3. Short-pressing MODE navigates between the values.
4. Press and hold the UP/DOWN buttons to set the values faster.

Note: The station will load the current time/date automatically after connecting to a Wi-Fi network. The icon will be displayed.

Setting an Alarm

The weather station allows you to set 3 separate alarm times.
Press the MODE button repeatedly to display the time for alarm no. 1 (A1), no. 2 (A2), no. 3 (A3).
Then, long-press the MODE button; the time setting will start flashing.
Press the UP/DOWN buttons repeatedly to set: hour – minute – days alarm is active (SA+SU – weekend, MO-FR – Monday to Friday, MO-SU – all week).
Navigate in the menu by pressing the MODE button.
You can set the time for all alarms this way.
To activate/deactivate alarms, press the MODE button repeatedly; the screen will display the time for alarm no. 1 (A1), no. 2 (A2), no. 3 (A3).
You can then activate or deactivate the alarm for each by pressing the UP/DOWN button.
The screen will display:
AL – alarm active
No alarm icon displayed – alarm inactive

Snooze Function

Alarm ringing can be postponed by 5 minutes using the SNZ/LIGHT button.
Press the button when the alarm starts ringing. The icon will start flashing.
To cancel SNOOZE mode, press any other button except SNZ/LIGHT – the icon will stop flashing and will remain on the screen.
The alarm will ring the next day.
If you do not press any button while the alarm is ringing, the ringing will stop automatically after 2 minutes.
The alarm will ring the next day.

Station Screen Illumination

When powered via adapter:
Permanent screen illumination is set by default.
Repeatedly pressing the SNZ/LIGHT button allows you to set 2 illumination modes (100 %, 0 %).
When powered only by 3× 1.5 V AAA batteries:
Screen illumination is off. Pressing the SNZ/LIGHT button will turn screen illumination on for 10 seconds, then it turns off again.
When the station is only powered by batteries, permanent screen illumination cannot be activated!
Note: The inserted batteries serve as backup for the measured/set data. If batteries are not inserted and you unplug the adapter, all data will be erased.

Indoor Temperature and Humidity, Unit of Temperature

Indoor temperature is displayed in field 6.
Indoor humidity is displayed in field 7.
Repeatedly pressing the DOWN button will switch between °C or °F unit of temperature.

Memory of Measured Values

Repeatedly pressing the UP or MEM button displays the maximum and minimum outdoor and indoor temperature and humidity readings.
The memory of measured values is automatically erased every day at 00:00.
To manually erase the memory, long-press the UP/MEM button.

Setting Temperature Alerts for Maximum and Minimum Temperature

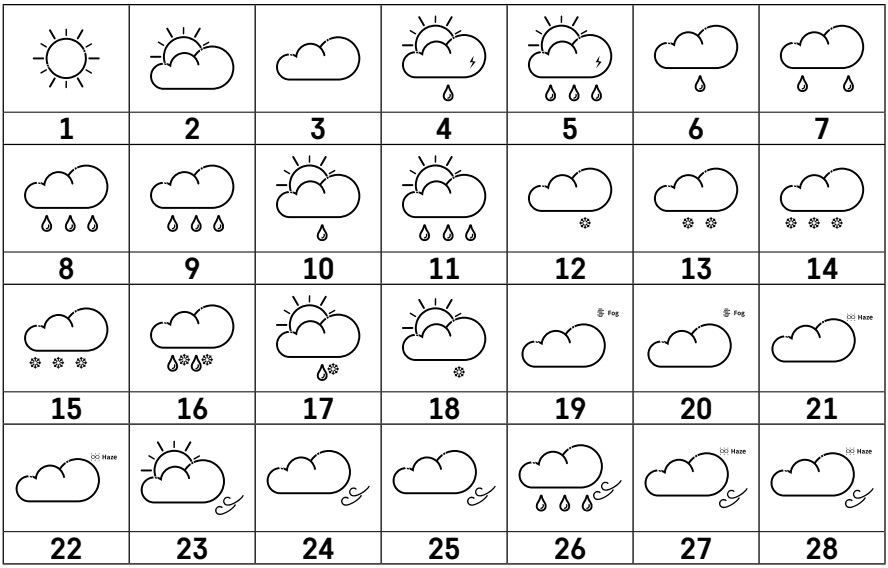
Temperature alerts can be set for both indoor and outdoor temperature.

1. Long-press the ALERT button; the maximum indoor temperature icon will start flashing.
2. Use the UP and DOWN buttons to set the value and confirm by pressing ALERT.
3. The minimum indoor temperature icon will start flashing.
4. Use the UP and DOWN buttons to set the value and confirm by pressing ALERT.
5. The maximum outdoor temperature icon will start flashing.
6. Press the CH button repeatedly to choose sensor number 1/2/3.
7. Use the UP and DOWN buttons to set the value and confirm by pressing ALERT.
8. The minimum outdoor temperature icon will start flashing.
9. Use the UP and DOWN buttons to set the value and confirm by pressing ALERT.

Press the ALERT button again to activate the temperature alert function – icons on the screen, or deactivate – no icons displayed.
When the set temperature limit is exceeded, an audio alarm will sound 10× every 60 seconds and the value will start flashing.
Pressing any button (other than SNZ/LIGHT) cancels the alert sound, but the icon of an active alert will continue flashing on the screen. Once temperature drops below the set limit, the icon on the screen will stop flashing. You can also cancel the alarm by pressing the ALERT button, which also deactivates the function.

Weather Forecast

The station forecasts weather based on information from an internet server.
The forecast location is loaded automatically based on the GPS location of the mobile device.



1 – sunny
2 – cloudy
3 – overcast
4 – thunderstorm
5 – heavy thunderstorm
6 – light rain
7 – mild rain
8 – heavy rain
9 – rainstorm (flashing icon)
10 – rain showers
11 – heavy rain showers
12 – light snowing
13 – mild snowing
14 – heavy snowing
15 – snowstorm (flashing icon)
16 – sleet
17 – rain showers with snow
18 – snow showers
19 – fog
20 – thick fog (flashing icon)
21 – mist
22 – thick mist (flashing icon)
23 – slight wind
24 – strong wind
25 – windstorm (flashing icon)
26 – tropical windstorm (flashing icon)
27 – dust
28 – sandstorm (flashing icon)

UV Index

UV index is a scale for measuring ultraviolet sunlight radiation to determine what level of protection we should wear.

- Index level 1–2 (low) – wear sunglasses.
- Index level 2–5 (medium) – wear sunglasses and headwear.
- Index level 5–7 (high) – the same measures as lower levels, but add sunscreen with high UV factor.
- Index level 7–11 (very high) – keep to the shade between 11:00 and 15:00, plus use the same measures used at high level.
- Index level 11 and higher (extreme) – do not leave brick or wooden buildings during the day, radiation is so intense it could cause photodermatitis (sunburn) within 10 minutes.

Heat Index – Smiley Face

The heat index combines indoor air temperature and relative air humidity to determine the apparent temperature – also known as felt air temperature. The body normally cools by sweating. Sweat is essentially water that conducts heat away from the body through evaporation. If relative humidity is high, the speed of water evaporation is low and heat dissipates from the body slower. As a result, the body retains more heat than it would in a dry environment.

The icon is displayed in field 5.

If humidity is between 40–70 % RH and temperature between 20–28 °C, the COM icon (nice environment) will be displayed.

If humidity is lower than 40 % RH, the DRY icon (dry environment) will be displayed.

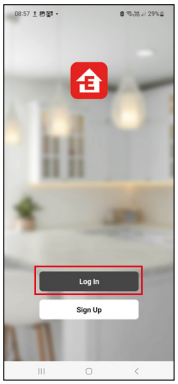
If humidity is higher than 70 % RH, the WET icon (wet environment) will be displayed.

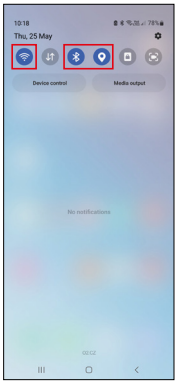
If temperature is not between 20–28 °C and humidity is not between 40–70 % RH, no icon will be displayed.

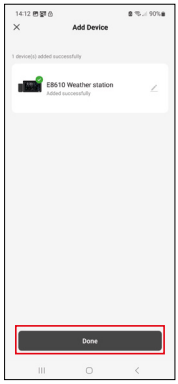
Mobile Application

The weather station can be controlled using a mobile app for iOS or Android.
Download the EMOS GoSmart app for your device.
Tap the Log In button if you've used the app before.
Otherwise, tap the Sign Up button and register.

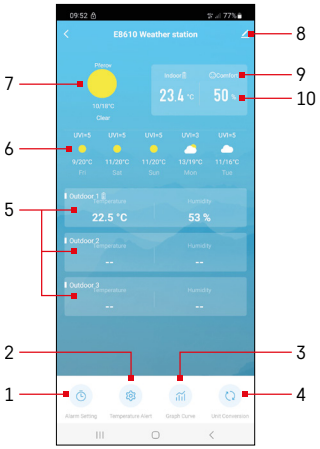
Pairing with the App







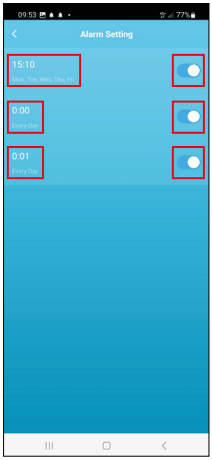
Put batteries in the station and plug in the power adapter; the Wi-Fi icon will start flashing.
If the Wi-Fi icon does not flash, long-press the SNZ/LIGHT button.
Tap Add Device in the app.
Tap the GoSmart list on the left and tap the icon for Weather station E8610.
Follow the instructions in the app and enter the name and password for your 2.4 GHz Wi-Fi network.
Pairing with the app will be completed within 2 minutes; the Wi-Fi icon will be permanently displayed on the station screen.
Note: If the device fails to pair, repeat the process. 5 GHz Wi-Fi networks are not supported.
In order for Wi-Fi signal reception to function, the power adapter must be plugged in!

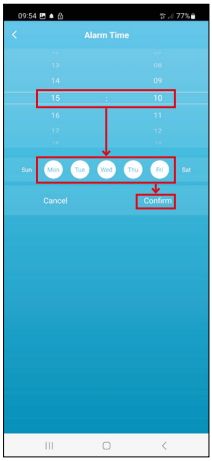


Controls and Functions

Application Menu

1 – alarm settings
2 – set temperature alerts
3 – chart of measurement history
4 – set the unit of temperature
5 – temperature and humidity from outdoor sensor no.1, 2, 3
6 – forecast for the next 5 days
7 – current weather
8 – advanced settings
9 – heat index (smiley face)
10 – indoor temperature and humidity

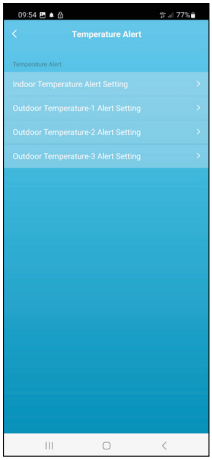


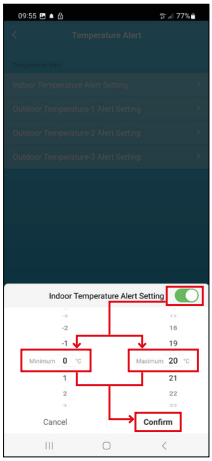


Setting an Alarm

Tap on the line with the alarm of choice, set the time and active days and confirm using the button in the bottom right.

Activation
Deactivation

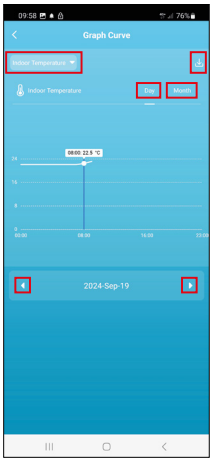


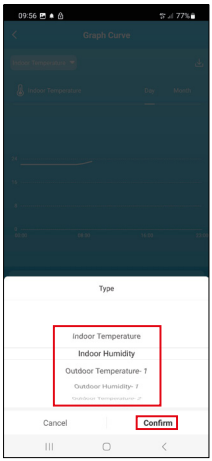


Setting Temperature Alerts

Tap on the line with indoor temperature or with temperature from outdoor sensor 1/2/3.
Set the limit for minimum and maximum temperature and confirm with the button in the bottom right.

Activation
Deactivation





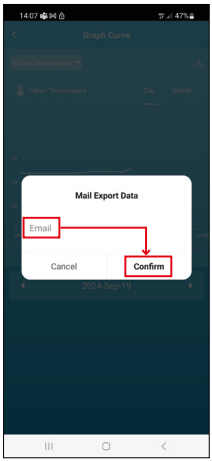
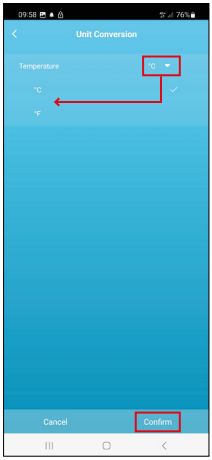


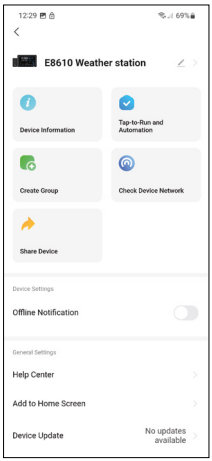
Chart of Measurement History/Export Measured Data

Tap on the line in the top right and choose the type of measurement:
indoor temperature, indoor humidity, temperature from outdoor sensor no. 1, 2, 3, humidity from outdoor sensor no. 1, 2, 3
Confirm in the bottom right.
Choose the chart resolution within the day or month – you can browse using the left/right buttons at the bottom of the menu.
Tap the icon, input an e-mail address and confirm with the button in the bottom right.
You will receive an e-mail with a link to download the file in xlsx format; the link is valid for 7 days.



Setting the Unit of Temperature

Tap on the unit of temperature on the right and choose between °C/°F. Confirm in the bottom right.



Advanced Settings

- **Device information** – basic information about the device
- **Tap-To-Run and Automation** – scenes and automations assigned to the device
- **Create Group** – creates a group of similar devices
- **Check Device Network** – Wi-Fi network test
- **Share Device** – shares control of the device with another person
- **Offline notification** – notifies when the device is offline for over 8 hours (e.g. power outage)
- **Help Center** – displays frequently asked questions and their solutions and provides the option to send us a question/suggestion/feedback directly.
- **Add to Home screen** – adds an icon for the device on the phone's home screen
- **Device Update** – updates the device
- **Remove Device** – unpairs the device

Troubleshooting FAQ

In place of temperature/humidity, the screen displays:

- LL.L – the measured value is below the lower boundary of the measurement range
- HH.H – the measured value is beyond the upper boundary of the measurement range
- Move the main unit/sensor to a more suitable location.

The screen is difficult to read

- Change the batteries, connect the power adapter to the station, verify the adapter's functionality

Wi-Fi reception not working

- Connect the power adapter to the station, repeat the process of pairing with the app