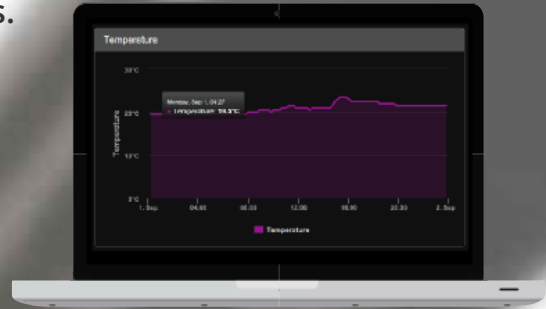
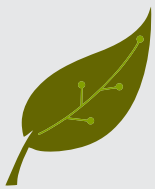


Wireless Temperature Monitoring and Alerts.

Your Dashboard gives you advanced monitoring, alerts (*SMS or Emails*), graphing and PDF reports from anywhere in the world.

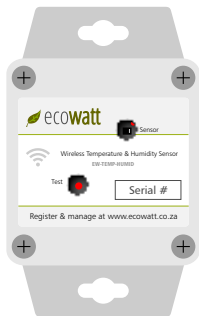


Product of South Africa



Monitoring solutions to suit your budget

Ecowatt offers commercial and industrial partners an **online dashboard** which provides an innovative and simple gateway to monitoring and managing their temperature profile in real time through your web browser.



Our temperature monitoring solutions are currently utilised by a diverse range of customers. We offer a reliable service to the pharmaceutical, food, FMCG (*Fast Moving Consumer Goods*) and warehousing industries

Real-time SMS / e-mail alerts

Configure real-time email or SMS alerts based on temperature situations. Effective monitoring helps to reduce risk and minimise losses due to cold chain breach. Defrost cycles will be taken into consideration



Daily, Weekly & Monthly reports

Receive daily, weekly and monthly reports for statistical and audit purposes. Data is archived on our servers for 2 years, giving you peace of mind



What you need

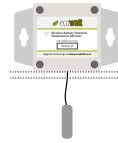
The following components form the basis of wireless temperature control.



Cloud Hub

The Cloud Hub connects you to your dashboard

► See page3 for Specifications



Wireless Temperature monitor Internal and External

- for use in conjunction with the Ecowatt Cloud Hub

- Maximum and minimum temperature thresholds can be set for email alerting
- 30m through walls and floors.

► See page5 for Specifications



Wireless Temperature & Humidity Sensor

- for use in conjunction with the Ecowatt Cloud Hub

- Maximum and minimum temperature thresholds can be set for email alerting
- 30m through walls and floors.

► See page4 for Specifications

How it works

The following components form the basis of wireless control.

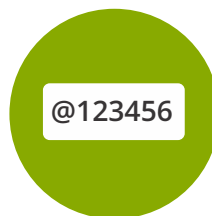
- Log in from any internet connected computer or smart device through the web browser
- See the Current Temperature and Log History



Monitor in 3 steps



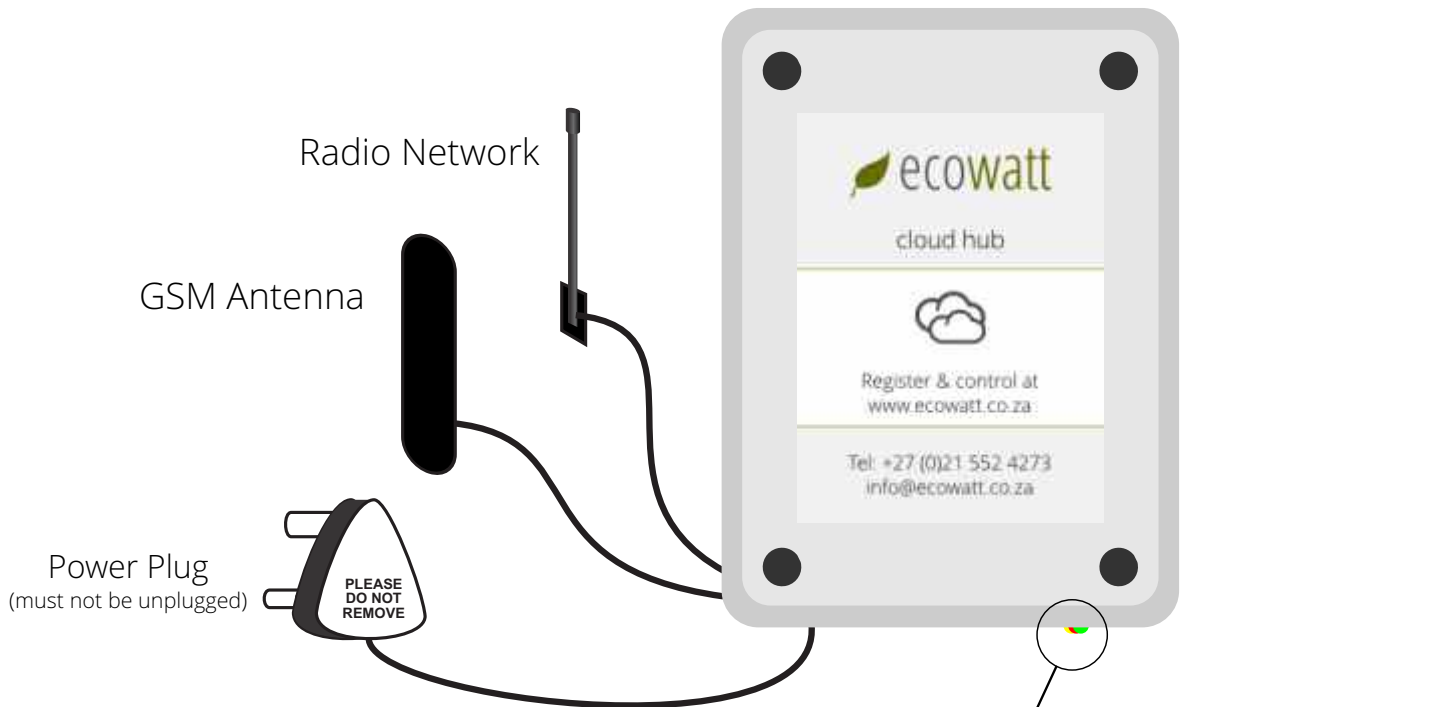
Install wireless sensors and GSM Cloud Hub



Add sensor to your dashboard



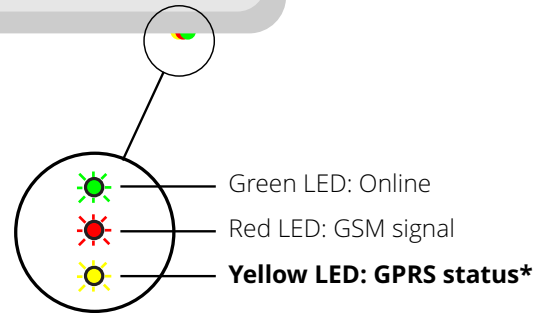
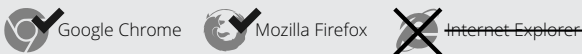
Start logging and receive automated reports



Registering your Cloud Hub

Please visit www.ecowatt.co.za to register your Cloud Hub with its specific ID. It is conveniently located on the side of the device.

Supported web browsers



***Yellow LED status:**

- Quick double-flash: GPRS connected
- Slow single-flash: searching for network
- Quick single-flash: Connected to tower, but no GPRS

Battery (included)

A coin-cell battery is required for power loss indication. A beep will sound when the device loses power.

Reset procedure for Cloud Hub

Unplug the unit at the wall socket and wait 30 seconds. When the unit starts beeping, plug it back in and the reset procedure will complete.



The Cloud Hub is the heart of the system. It uploads all data to the server for reporting and must be permanently powered. If unplugged, it will beep until it is plugged in again. The Cloud Hub must be mounted at a high location for best signal strength.



A standard size data-enabled SIM card is required for your Cloud Hub. It typically uses 30MB per month. To install the SIM card, remove the four lid screws and insert the SIM as shown.



The Cloud Hub incurs a monthly fee of R250 (excl. VAT) for up to 20 connected devices. More than 20 devices? An additional amount of R10 (excl. VAT) will be billed monthly.



Changing the APN (Access Point Name)

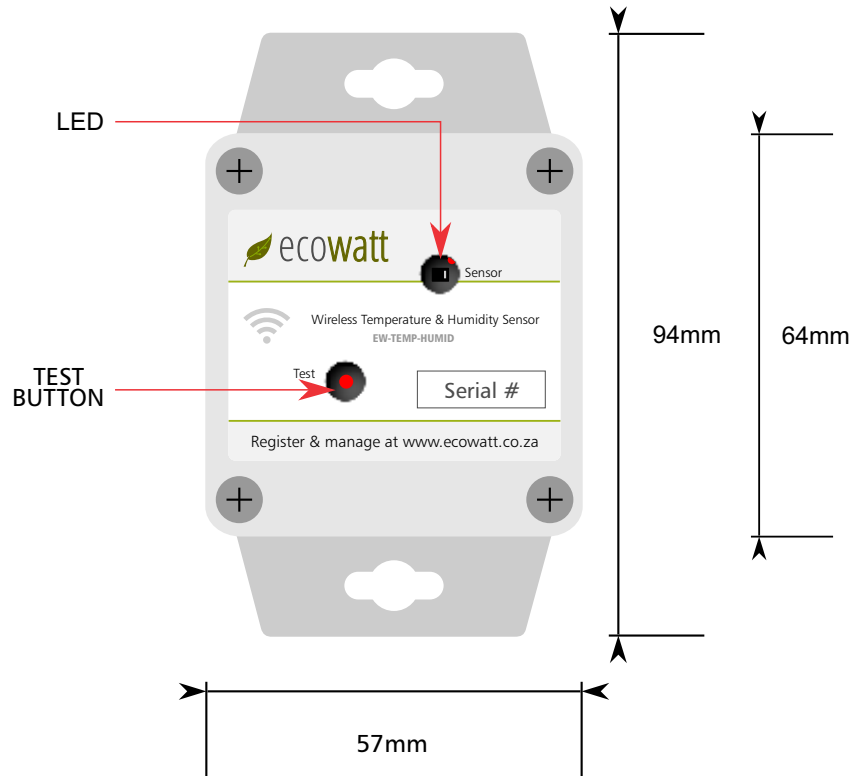
In some countries or territories, the Access Point Name (APN) used by your mobile network may be different. The Cloud Hub is configured by default to use 'internet' as its APN. To change this, send a text message to the Cloud Hub telephone number with the following text: (replace 'name' with the required APN)

apn:name



For support, please contact the national Ecowatt office:

021 552 4273
support@ecowatt.co.za



Specifications

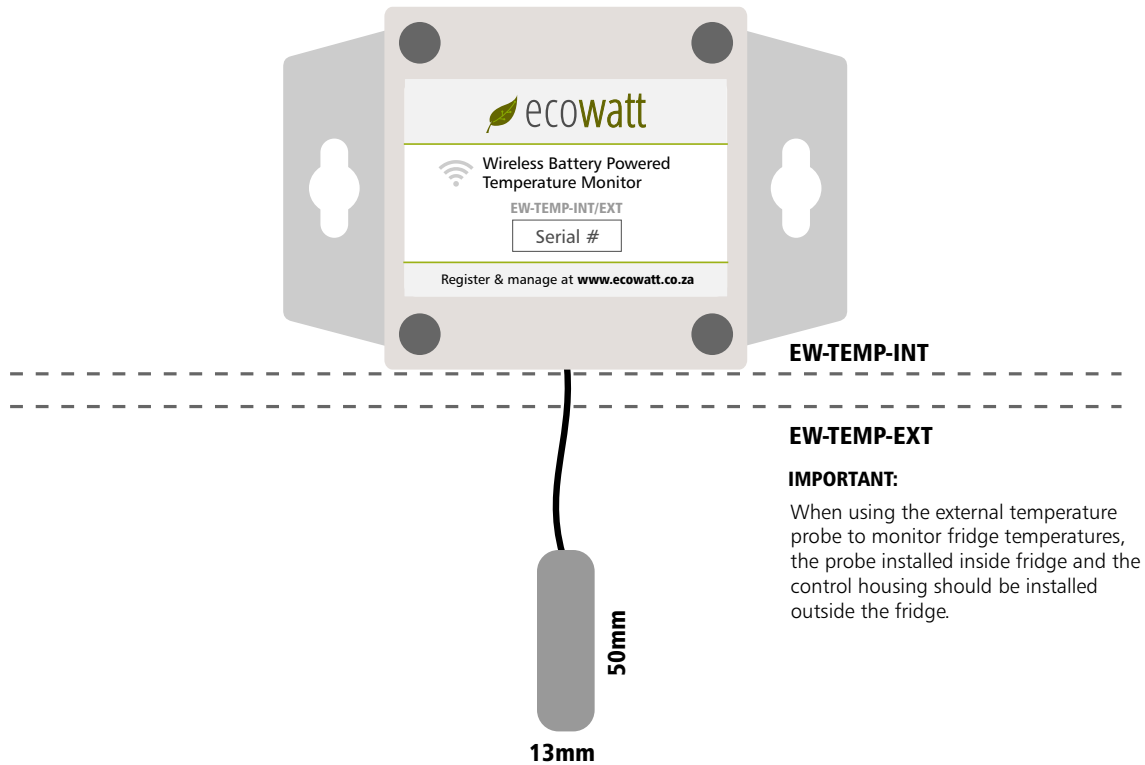
- EW-TEMP+HUMID - Internal temperature / humidity sensor
- Powered by 1x CR2032 3VDC coin cell battery (supplied)
- Humidity: RH 0% - 98%
- Temperature: +5°C - +50°C
- Radio frequency: 868MHz
- Distance: 30m through brick walls & floors, 100m line of sight
- LED will flash 3 times on powering up the unit for the first time
- If the test button is held in until the LED comes on & then released, the unit will send through the updated temperature / humidity reading ****Note**** Viewing this reading online through the Cloud Hub will take approximately 3 minutes if you have a good connection to the Cloud (signal strength)
- Test button located on cover for immediate test function to override the check in window of 15 minutes
- Transmits windows: 1 minute or 15 minutes (default is set to 15 minutes). Unit wakes up to transmit data.

Notes

- Please note: not for use in freezers
- Unit will check in every 15 minutes
- Note the address on the unit starting with @, as this will be required for setup
- This product is intended for use in conjunction with the EW-GSM-CLOUD (Ecowatt Cloud Hub) for monitoring

Setup

- Once the temperature / humidity monitor is powered up, follow the EW-GSM-CLOUD instructions for online setup.



Specifications

- IP65 housing (EW-TEMP-INT)
- EW-TEMP-INT: Internal temperature sensor
- EW-TEMP-EXT: External temperature sensor probe
- Powered by 2x AAA batteries (supplied)
- Probe cable length: 30cm minimum, 4m maximum (EW-TEMP-EXT only)
- Minimum temperature: -20°C
- Maximum temperature: +90°C
- Radio frequency: 868MHz
- Distance: 30m through walls and floors; 100m line-of-sight
- Measurements: 60mm (L) x 65mm (W) x 40mm (H)
- Transmits windows: 1 minute or 15 minutes (default is set to 15 minutes). Unit wakes up to transmit data.

Notes

- Maximum and minimum temperature thresholds can be set for email alerting
- Unit will check-in every 15 minutes
- Note the address on the unit starting with @, as this will be required for setup
- This product is intended for use in conjunction with the EW-GSM-CLOUD (Ecowatt Cloud Hub) for monitoring

Setup

- Once the Temperature Monitor is powered up, follow the EW-GSM-CLOUD instructions for online setup.