



## Eco-eye real-time electricity monitoring

Efficient technology for today's world





## **Eco-eye has a large screen which shows clear information**

*This may seem very simple, but in fact this is a key concept, central to Eco-eye's design.*

*By showing a single piece of information at a time, it is easy for the user to read "at a glance". This is particularly important to ensure continued use after the initial enthusiasm wears off.*

*You want a clock that shows the time, you want an electricity monitor that shows your electricity use.*

Efficient technology for today's world



- ***Eco-eye monitors the amount of electricity being used in real time, allowing the user to act on this information.***
- ***Eco-eye is easy to install and use.***
- ***Requires no electrician for installation as it does not interfere with the electricity meter.***
- ***Suitable for single or multi phase electricity.***
- ***Uses wireless technology to transmit usage information from the meter to the Eco-eye display unit. Transmits at 433Hz radio frequency.***
- ***Displays current electricity usage in kW and Amps.***
- ***Displays usage in cost per hour/day/week/month/ year – in £, \$, € or international currency icon.***
- ***Dual tariffs***
- ***Updates every 4 seconds.***
- ***Fully variable voltage 90 – 255 volts.***
- ***Stores historical data for 32 hours/days/weeks/ months.***
- ***Displays CO2 emissions created.***
- ***Displays inside temperature.***
- ***Can be programmed to end users exact requirements with easy to use Yes/No buttons***
- ***Has battery life and signal strength indicators***
- ***Is fully compatible with Smart computer interface***
- ***Can be used worldwide***
- ***Has a 12 month guarantee***

Efficient technology for today's world





## Eco-eye Mini

The Eco-eye Mini display unit measures 75mm x 75mm x 50mm which makes it easily portable.

The screen is 60 mm x 60mm with bold figures 23mm high.

Also sold separately as an extra display unit without the sensor as Eco-eye Solo.

## Eco-eye Elite

The display unit measures 170mm x 80mm x 25mm. With a large screen (145mm x 50mm) and bold figures 40mm high, the Elite can be read from some distance which makes it ideally suited for wall mounting.



*Prices available on application*

Tech Spec ...Tech Spec ... Tech Spec ... Tech Spec ...

## Sensor Unit

**Description:** Two part split core transformer



**Two sizes available:**

**Internal Diameter (standard):**13 mm

**Internal Diameter (large):**17.5mm x 22.5mm

**Manufacturing Materials:** ABS

**Measuring voltage of sensor:** 90 – 255 volts

**Measuring current of sensor:**70 Amps with 13mm sensor –  
supplied as standard

## Transmitter Unit

**Description:** Two part construction with freestanding/ screw fix back plate, LED, switches. Sockets for up to three sensors (one sensor supplied as standard).



**Dimensions:** 90 mm x 50 mm x 27mm

**Manufacturing Materials:** ABS

**Frequency:** 433MHz radio band

(Choice of 30 channels)

**Battery Voltage:** 2xAA for transmitter,  
3V nominal. (2V2-3V3)

Optional use of AC/DC adaptor

**Battery Life:** Approx 9 – 12 months

**Transmission Frequency:** 4 seconds

**Range:** Maximum 90 metres subject to site conditions

(Antenna extension supplied)

## Receiver Unit - Elite and Mini

### Description

(Both Elite and Mini): LCD display unit with 3 push buttons, 4 digit (plus 2 x zero) . Display automatically adjusts resolution.

**Battery Voltage:** 2 x AA Optional use of AC/DC adaptor  
**Battery Life:** Up to 12 months subject to signal quality (has low battery indicator)  
**Shows:** KW: real-time and used in current hour, previous hours.  
Cost: real-time per hour, day, week, month, year plus historical usage

**Currency Options:** £ \$ € Currency icon

**Tariffs** 2, Standard and low between 2 times

**CO2 emissions:** Programmable by user (0.43Kg per kW/month default value)

**History space:** 32 entries in each position (hours, days, weeks, months)

**Materials:** Casings made from ABS

**Dimensions:** Elite: 170mm x 80mm x 25mm  
Mini: 75mm x 75mm x 50mm

**Display size:** Elite; 145mm x 50mm,  
Mini: 60 mm x 60mm

**Character size:** Elite: 40mm high  
Mini: 23mm high.

**Use:** Elite: Wall mounting, 'photo-frame' bracket, freestanding  
Mini: Freestanding

*Eco-eye products are designed and manufactured by Eco-eye Ltd, Lancing, situated on the south coast of England.*



***If you require further information on Eco-eye products, we would be glad to hear from you.***



**Tel: 00 44 (0) 1903 851910**

**Fax: 00 44(0) 1903 851911**

**Email: [info@eco-eye.com](mailto:info@eco-eye.com)**

**Eco-eye Ltd**

**2-3 Commerce Way**

**Lancing, West Sussex,**

**BN15 8TA, United Kingdom.**

