Current Cost OptiSmart

Setting up your EnviR – OptiSmart Reader Monitor

Setting up your EnviR display

1) Unpack the product. Plug the display screen into its mains adapter, and plug the mains adapter into a wall outlet. The display screen will start working and probably show dashes instead of numbers.

2) Plug the wire from the OptiSmart reader into the white OptiSmart transmitter box. Rotate the aerial on the white OptiSmart transmitter to the upright position.

3) Remove the plastic battery tab from the back of the white OptiSmart transmitter unit; the transmitter will now be activated.

4) The Sensor's red light will start to flash every 6 seconds.

5) For the next step, you will need some information about your electricity meter. On its faceplate look for a label that says 'xxxx imp/kWh' and note the number.

Pairing the EnviR display and transmitter – electronic meter 'appliance 9' screen

1) Place the white OptiSmart transmitter and the display screen in the same room.

2) Using a used match, pen or similar, push and hold the small button in the hole on the front until the LED on the white OptiSmart transmitter has flashed **ONCE**, then release.

3) The LED will start to flash faster for about a minute.

4) At the display, use the UP ⌃ or DOWN ⌄ buttons to reach the 'appliance 9' screen. Now press and hold the DOWN ⌄ button until the display's red LED flashes, then release the button. The display screen 9 will pair to the transmitter. This will show 1000 (default imp/kWh)

5) If the number is different from the imp/kWh on the electricity meter, use a used match, pen or similar to press and release the small button in the hole on the sensor so that the number changes.
(The options are 100, 500, 600, 800, 1000, 1250, 1600, 3200, 10000.)

After about a minute, the transmitters LED will revert to flashing once every 6 seconds. The display's appliance 9 screen will now say 'DATA'. If the transmitter fast flashing stops before you are ready, do the Electronic Meter pairing again from Step 1.

Display/Sensor pairing 2 – Main screen (Energy Now Data)

1) Place the white OptiSmart transmitter and the display screen in the same room.

2) Using a used match, pen or similar, push and hold the small button in the hole on the front until the LED on the white OptiSmart transmitter has **flashed three times,** then release.

3) The LED will start to flash faster for about a minute.

4) At the display, use the UP ⌃ or DOWN ⌄ buttons to reach the main screen (this is the screen that shows Temperature and Time). Now press and hold the DOWN ⌄ button until the display's red LED flashes, then release the button. The main display screen will pair to the transmitter, clear and then revert to normal operation.

5) After about a minute, the sensor LED will revert to flashing once every 6 seconds. The displays main screen will now show '0 Watts'. If the transmitter's fast flashing stops before you are ready; start from the beginning again.

For more details or support, please visit **http://www.currentcost.com**

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At the property's electricity meter

1) Take the transmitter and its OptiSmart reader to the property's electricity meter. On the electricity meter, locate the flashing red LED labeled 'kWh'. Ignore any other flashing or steady LED's. Clean the area thoroughly around the correct flashing LED using a dry paper tissue.

2) Take the supplied adhesive base and remove the paper backing. Carefully align the hole in the circle so that the flashing LED shines clearly through the hole, and stick the base to the electricity meter. When you are happy that it is aligned, apply firm pressure to fix the adhesive.

3) Put the transmitter in a convenient place clear of metal surfaces, where its radio antenna can work effectively.

4) Take the OptiSmart reader, which is plugged into the transmitter, and carefully place it over the base. When the alignment is correct, the LED inside the optical reader will flash at the same time as the one on the electricity meter.

When your EnviR display is properly installed you should see a screen similar to the image below:

Indicates the number of sensor jaws installed. For most domestic situations this will be one

The top line of the display shows you how much energy you're using right now. Test it out by switching a light on and off and watch the figures as they change

Aerial icon confirms information is being read from the transmitter

The second line down shows how much money you're spending. It will also change as you switch electrical goods on and off. The figures change automatically to show how much it cost you per day and per month - if you neglect to turn off your appliances

The third line shows you how much you save when you turn an appliance off, or spend as you turn it on. It also shows you the equivalent decrease or increase in energy usage

This graph shows you how much energy you have used between 7am to 3pm during the previous day, 3pm to 11pm the previous evening and 11pm to 7am the previous night

This shows you your accumulative energy in kWh and scrolls every ten seconds between the last day, the last seven days and the last 30 days. You can also scroll through these using the OK [OK] button

The time and the temperature are displayed at all times.

Disclaimer: Before installation please seek the permission of the owner of your electricity meter.