



Technical

Operating frequency:

Network OWL gateway – 433MHz and 868MHz
WTS, WTS and OS – 868MHz

Operating range up to 30m

Storage conditions: -25°C to +65°C

Relative humidity: 25% to 95% non-condensing

Operating temperature: 0°C to 40°C

Ingress protection: IP30

Standards

IEC 60730-1:2001 / BS EN 60730-1:2001

BS EN 55014-1:2006+A1:2009

BS EN 55014-2:1997

ETSI EN 300 220-1 V2.1.1 (2006-04) / ETSI EN 300 220-2 V2.1.2 (2007-06)

ETSI EN 301 489-1 V1.8.1 (2008-04) / ETSI EN 301 489-3 V1.4.1 (2002-08)

R&TTE - WEEE Directive, RoHS, Battery Directive

Includes

Network OWL gateway with external antenna

Plug top power supply – 240V UK

Ethernet cable

Wireless Room Sensor

Wireless Tank Sensor

4 x AAA alkaline battery

Installation /User Manual

Options

Occupancy Sensor

iPhone App (free download)

Android App (free download)

Electricity monitoring



2 Save Energy Ltd
The Annexe, Field House Barn
Chineham Lane, Sherborne St John
Basingstoke, Hants RG24 9LR UK
Tel: +44 1256 383 430
www.theowl.com



Extend your

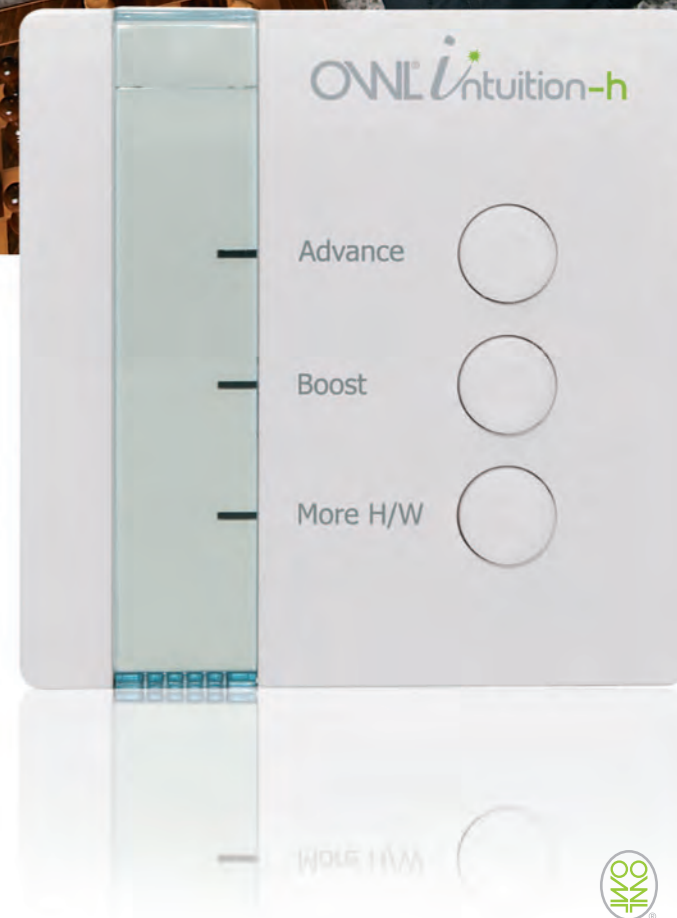
Installing **OWL Intuition-h** is a major step towards really significant energy and cost savings. Why not extend your system with **OWL Intuition-e** to increase your knowledge about your electricity usage? This will help you change simple things that will reduce your electricity consumption. Also, if your home has Solar PV installed then **OWL Intuition-pv** will monitor both energy generated and energy exported. The **Network OWL** gateway is common to all of these systems so these upgrades are very cost effective.

Please visit our web site for further information on **OWL Intuition**.
www.theowl.com/intuition



Incredibly, it is likely that your central heating boiler, which is by far the largest energy-consuming device in your home, has only very basic controls. With ever increasing energy costs, it is time to bring your heating and hot water control into the Internet Age. Easy to install in either a retrofit or a new build situation, the **OWL Intuition-h** Residential Heating & Hot Water Control is a cost effective intelligent system that self-adjusts to your family's daily needs. Automatically knowing whether you are at home or will be home soon, intuitively controlling your environment and helping ensure you conserve energy without sacrificing your comfort – **OWL Intuition-h** can provide savings of 15% to 20% and pay for itself in less than 18 months.*

* Savings depend upon individual home and heating system characteristics, lifestyle / occupancy patterns and set up preferences.



make your home an **OWL** home



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How does it work?

The **Network OWL** gateway simply plugs into your existing broadband router and wirelessly links with the smart Wireless Room Sensor, which replaces your existing room thermostat. It has advanced digital temperature sensing and also has simple push-buttons for the essential heating controls. Your existing hot water tank thermostat is replaced with the advanced digital Wireless Tank Sensor. Optionally you can also add our intelligent Wireless Occupancy Detector (patent pending), which simply and non-intrusively monitors water usage.

The **Network OWL** gateway provides a secure connection to the OWL Intelligent Cloud software platform. You can then login to access your heating & hot water controls with a clear, easy to use web browser interface from any Internet connected computer, anywhere!

If you wish, access **OWL Intuition-h** on your smartphone using a dedicated iPhone or Android app - both available for free download.

OWL Intuition-h is part of a new and expanding family of intelligent, cloud based energy monitoring and control solutions for domestic and commercial premises.

* Savings depend upon individual home and heating system characteristics, lifestyle / occupancy patterns and set up preferences.



OWL[®] Intuition-h
Residential Heating & Hot Water Control

Features

- **Easy setup using Wizard** – asks simple questions about your home and lifestyle and automatically creates time clock and system settings for you.
- **Web browser interface** – at least a simple interface for your heating and hot water control that is a pleasure to use – from anywhere in the world!
- **Stylish Wireless Room Sensor** – battery powered, digital technology with simple push-buttons for essential heating controls:
 - Advance – brings heating into next scheduled period (on → off or off → on)
 - Boost – boosts current set temperature by 2 degrees for 1 hour (configurable)
 - More Hot Water – boosts hot water tank to 55 degrees (configurable)
- **Weather compensated heating control** – uses Internet sourced weather data to dynamically optimise heating start and end times.
- **Occupancy Detection** – (optional) using water usage and/or smart phone location to detect heating on when not occupied.
- **iPhone and Android Apps** – live status information and remote control. Tell your heating you are going to be late home!
- **OWL Intelligent Cloud** – builds “picture” of your home and its usage to help ensure your settings remain optimised.
- **Historic data graphs** – view your historic temperature data graphically.
- **EcoNudge™** - automatic messages sent when energy saving opportunities are identified.
- **WellNudge™** - (optional) ideal for the elderly, automatically messages neighbour, friend or family member if water has not been used by configurable time, allowing them to call to check all is well.
- **Party mode** – allows override of time clock settings for heating temperature and hot water temperature until set time.
- **Holiday mode** – enter your holiday dates so that your home is not wastefully heated whilst you are away.
- **Early start** – getting up earlier than normal tomorrow? Brings on heating and hot water to suit.
- **Easy installation** – suitable for retrofit and new build. Wireless system compatible with existing heating control wiring ensures rapid installation by competent DIY'er (professional installation recommended).
- **Over air software upgrade** - system is easily upgradable to provide access to future features and services.

OWL Intuition-h web browser interface (with optional electricity monitoring)

Web browsers must have JavaScript enabled.

OWL Intuition is optimised for use on Internet Explorer 9+; Safari 5+; Safari iOS 5+; Chrome 17+