



# OccupEye® User Manual



Region 1 - Revision 1.0

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# Introduction

OccupEye is a wireless workspace utilisation system that enables users to capture and analyse true occupancy data accurate to the second. The OccupEye sensor is an intelligent device and comprises fully integrated passive infra-red sensor, radio transceiver with antenna, microprocessor and data storage memory. OccupEye sensors are lightweight, compact and portable, allowing for flexible deployment in monitoring individual workspace utilisation and/or room utilisation.

OccupEye sensors transmit occupancy data wirelessly to a number of OccupEye hosts, which in turn feed occupancy logs back to OccupEye Interface software and OccupEye Dashboard hosted analytics software. OccupEye Interface software can support up to 511 OccupEye hosts and each OccupEye host can support up to 511 OccupEye sensors.

OccupEye wireless networks are ISM 915 MHz (alternative frequencies available for other regions) comprising 69 radio channels. OccupEye can be configured to use a specific radio channel to avoid potential interference from other wireless networks.

OccupEye wireless workspace utilisation sensors are powered by two AA (LR6) batteries.

## Commissioning

To commission a new OccupEye sensor run the OccupEye Interface software, select the required OccupEye host and click the [Auto Commission] button. If required, load settings from a file or change the sensor address number in field next to the [Auto Commission] button. Insert batteries into the sensor. When the field changes from red to amber to green the sensor has commissioned successfully on the selected OccupEye host. The sensor address number increments ready for the next sensor. Click the [Auto Commission] button again to finish.

## Operation

The OccupEye Interface software manages the OccupEye hosts and OccupEye sensors and captures the transmitted occupancy data into log files. When connected to the internet the log files are forwarded to the OccupEye Dashboard hosted analytics software. The sensor will also store occupancy data in its memory if the OccupEye host network is disconnected or the OccupEye Interface software is not running. The sensors will automatically transmit the contents of its memory when the network is re-connected and the OccupEye Interface software is running thus avoiding intermittent loss of data. Once a sensor has been commissioned it will retain its settings even if the batteries are removed but any data stored in memory will not be retained.

## Support

For support please email [support@occupeye.co.uk](mailto:support@occupeye.co.uk)

For software and documentation please visit [www.occupeye.com](http://www.occupeye.com)

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# FCC Warning Statement

## **FCC ID: 2AHC7OES01 - OccupEye Sensor**

Please note that the OccupEye sensor is a low power device and a SAR exclusion calculation was applied which means the device can operate in close proximity to the user's body.

## **FCC ID: 2AHC7OEH01 - OccupEye Host**

Please note that the OccupEye host is a low power device but it should not be within 20cm of the user's body when switched on.

### **The following statement applies to both devices**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

