Sensor Gateway

Installation Guide (Australia)

Tunstall

Introduction

The sensor gateway provides a means of using existing Tunstall connected care sensors operating at 312MHz with the Tunstall Smart Hub alarm which operates at 915MHz.

The sensor gateway will receive the transmissions from the 312MHz connected care sensors and re-transmit them at 915MHz.

The sensor gateway is powered by the Smart Hub and it will remain powered even if the mains power fails, for as long as the Smart Hub internal battery has sufficient charge.

The sensor gateway is only compatible with Smart Hubs running software version R0.29 or later.

Once the installation of the sensor gateway has been completed then refer to the Smart Hub installation guide on how to program in radio sensors and configure the Smart Hub.
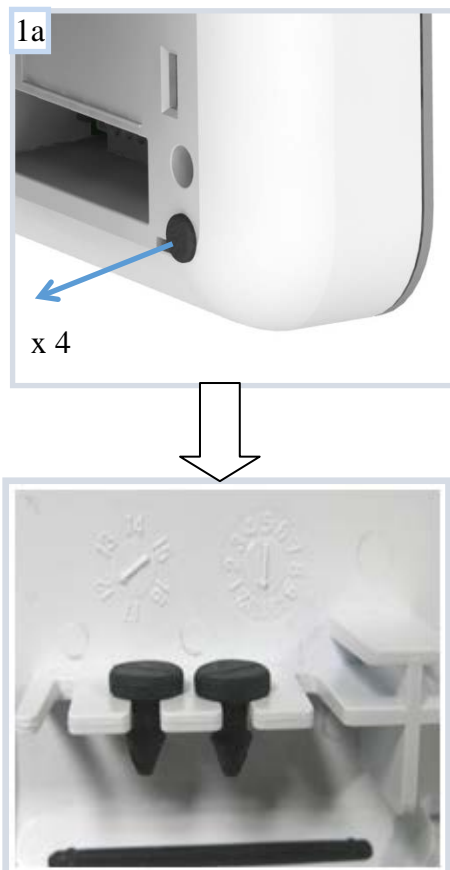
The sensor gateway part number is 61614/201.
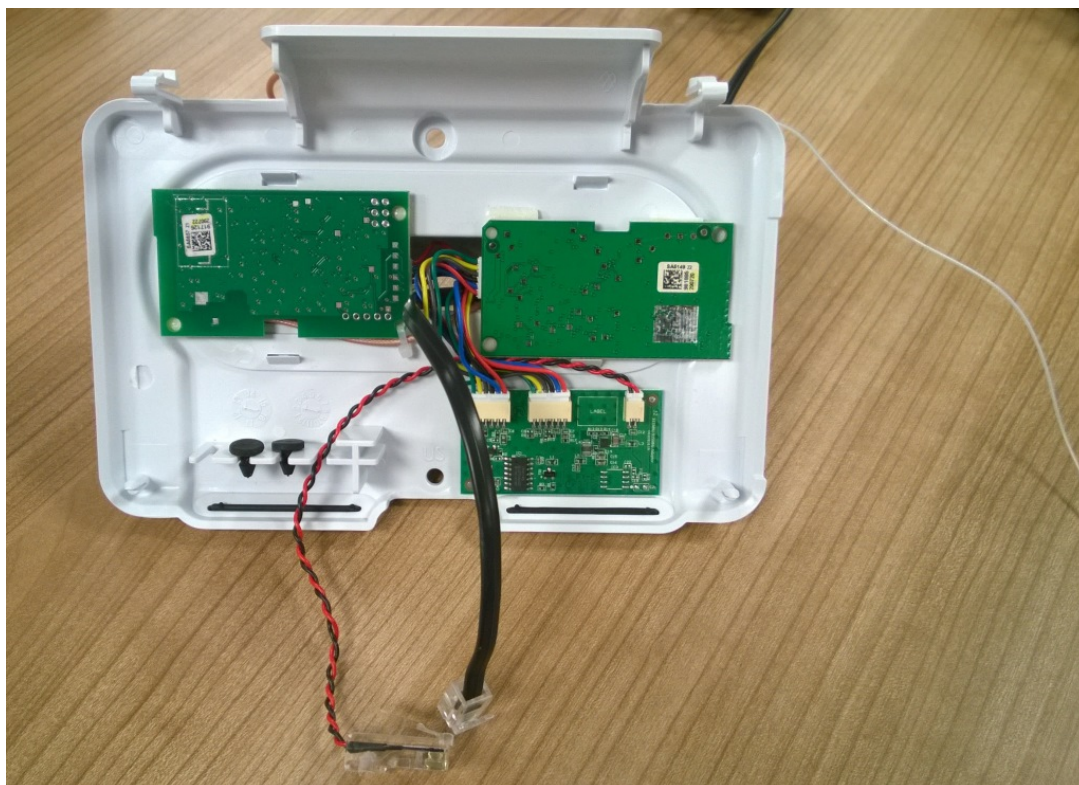
Tools required

No tools are required.

Installation

Fitting the sensor gateway

Step 1. Remove the four feet from the rear of the Smart Hub and store them in the slots inside the sensor gateway.

Step 2.
Pass the mains power adaptor cable carefully through the opening in the sensor gateway, so the free length is approximately the same as the twisted red and black cable.


Step 3.
Plug the mains adaptor into the Smart Hub socket labelled DC. Plug the twisted red and black cable into the socket labelled with a capital T. Then connect the adaptor to the mains power.
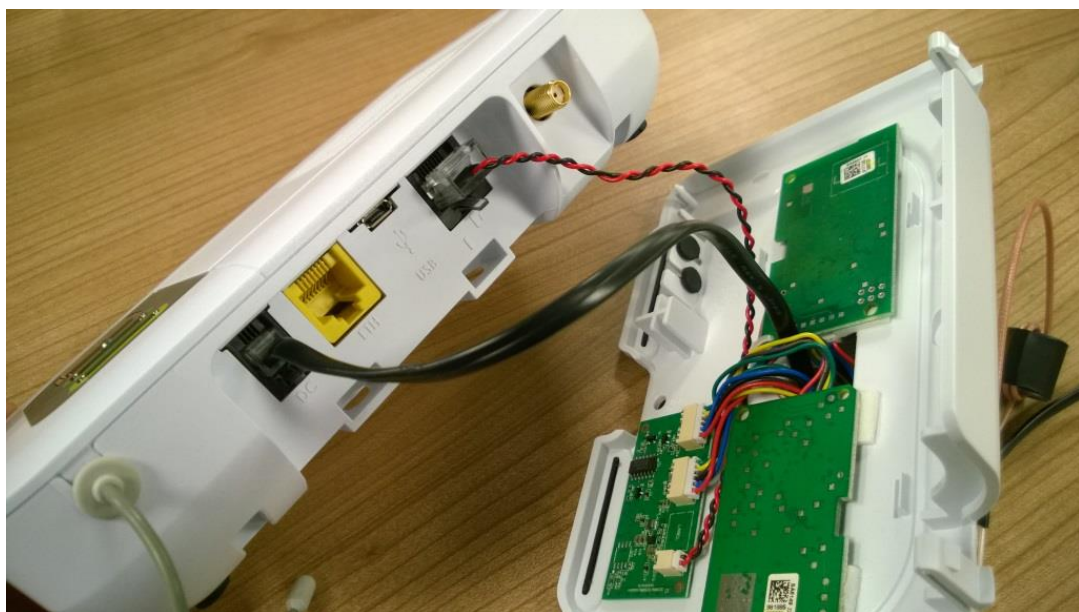
Note – Only switch on the mains power at the socket once all of the installation steps have been completed

Step 4.
Attach the sensor gateway to the Smart Hub. First fit the two pegs circled into the holes where the rubber feet were fitted.
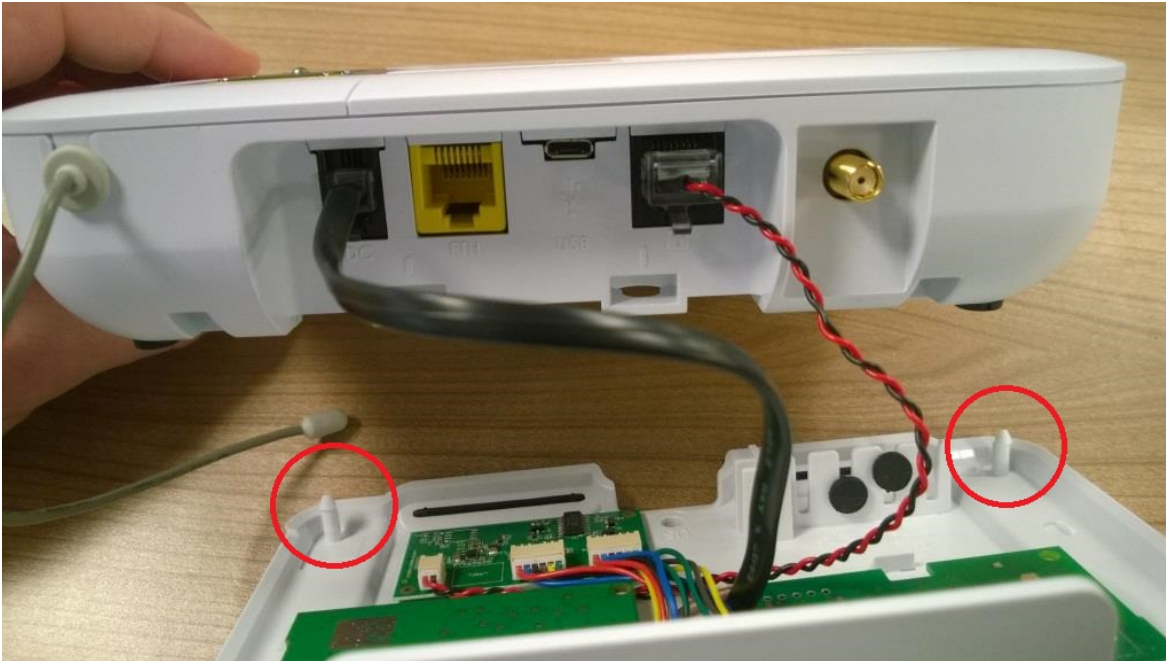
Then engage the clips at the top into the slots in the rear of the Smart Hub.

Once complete the Smart Hub and sensor gateway will look like this.

Extend the 312MHz antenna out from the rear of the unit. This will help to maximise the reception range of the sensor gateway at 312MHz.

Programming a connected care sensor to the home unit

Connected care sensors with plug and play functionality can be programmed to the Smart Hub using the following steps:

Step 1 – Press and hold down the green cancel button until it beeps (approx. 5 seconds). The Smart Hub will beep and when the cancel key is released it announces 'Programming mode' and the red alarm button flashes slowly.
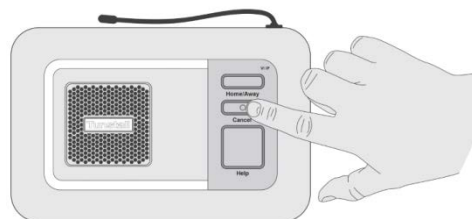
Step 2 – Press and hold down the green cancel button again until it beeps (approx. 3 seconds). Release the cancel button, the Smart Hub announces 'Registration Mode' and the red alarm button flashes rapidly.

Step 3 – Activate the sensor/trigger, the Smart Hub will announce the trigger type to confirm registration.

Step 4 – Press and release the green cancel button. The Smart Hub will beep (programming mode exited).

Step 5 – Test the sensor/trigger by activating it and ensuring it raises an alarm call. The Smart Hub will return to normal operation automatically after two minutes if registration/programming mode is not exited.

If you would like to know which connected care sensors are currently available, please contact your supplier.

Range Test

The Smart Hub has a range test feature that enables you to test the range of personal triggers without raising an alarm call. This is done by putting the Smart Hub into programming mode (press and hold down the green cancel button until it beeps). When in programming mode, press the required personal trigger if it is within range the home unit will beep and announce the trigger or connected care sensor type.

During Range Test, the Smart Hub applies a signal strength safety margin resulting in a reduced range when compared to normal operation. This provides additional confidence that in normal use coverage will continue to be available from locations covered whilst in range test mode.

If registration/programming mode is not exited the Smart Hub will return to normal operation automatically after two minutes of no test activity.

Tunstall

www.tunstallhealthcare.com.au

Our policy of continual development means that product specification and appearance may change without notice.

© 2016 Tunstall Australasia Pty Ltd.
® TUNSTALL is a registered trademark.

Tunstall Healthcare, 1/56 Lavarack Ave, Eagle Farm, QLD 4009