

How to install your
Sensor Gateway with
the Tunstall Smart Hub
- pre-release guide

Tunstall

How to self-install your Tunstall Sensor Gateway

The Sensor Gateway provides a means of using Tunstall legacy sensors operating on the 312MHz frequency with the new Tunstall Smart Hub alarm, which operates on the 915MHz frequency.

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

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

Fitting the Sensor Gateway

Step 1.

Remove the four black rubber feet from the rear of the Smart Hub and store them in the slots inside the Sensor Gateway.

Step 2.

Plug the Smart Hub 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.

Step 3.

Tuck the mains power cord behind the alarm and line up the Sensor Gateway so the power cord sits in the gap, ensuring the cord is flat to the back of the alarm unit.

Step 4.

Attach the Sensor Gateway to the Smart Hub. First fit the bottom two pegs 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.

Extend the antenna out from the rear of the unit, point towards the ground. This will help to maximise the radio reception range of the Sensor Gateway.

Programming legacy sensors to the alarm

Legacy 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 (approximately 5 seconds). Release the button; the alarm will announce, "Programming mode" and the red button will flash slowly.

Step 2.

Press and hold down the green cancel button until it beeps again (approximately 3 seconds). Release the button; the Smart Hub will announce, "Registration mode" and the red button will flash rapidly.

Step 3.

Activate the legacy sensor or trigger, and the Smart Hub will announce the sensor type to confirm registration.

Step 4.

Press and release the green cancel button to exit programming mode. The Smart Hub will beep. Wait a few seconds and then press and release the green cancel button again; the Smart Hub will announce, "Connected to DMP".

Step 5.

To test the sensor or trigger activate it to raise an alarm call to the Monitoring Centre, and advise you have installed a Sensor Gateway.

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.

When in programming mode, press the required personal trigger; if it is within range the home unit will beep and announce the sensor type.

You have now completed the installation of the Sensor Gateway

For further information and the full installation manual please contact your supplier or Tunstall Healthcare.

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