

# SmartXtend

Zigbee range extender



SmartXtend is a discreet and simple solution which significantly extends the range of any Zigbee Smart Meter HAN.

Fitting directly into a UK 3-pin wall socket, it automatically pairs with the Smart Meter HAN when a join request is sent to the Comms Hub.

SmartXtend expands the HAN coverage, increasing success for installs in areas where you have, for example, a “dark” gas meter positioned too far away from the Comms Hub, such as in large properties or multi-dwelling units.

SmartXtend gives more flexibility in positioning your in-home display. The extended range avoids having to place your display device in a garage, for example, close to the smart meter.

## Discreet

SmartXtend is small and discreet, allowing placement in multiple locations for extending range

## Simple setup

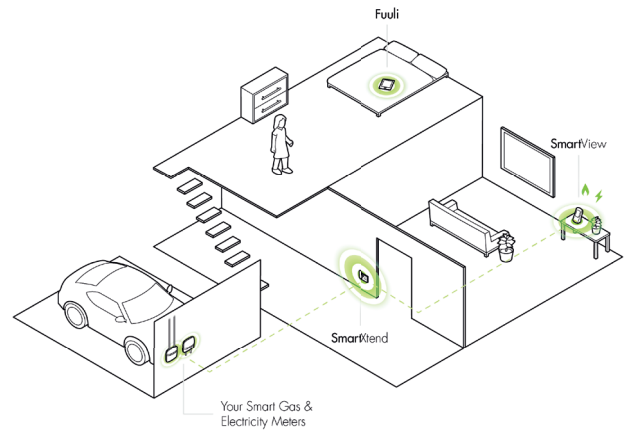
Simply plug-in, send the join request and SmartXtend will automatically pair with the Smart Meter HAN

## Key features

- o SMETS1 and SMETS2/GBCS compatible
- o 2.4GHz Zigbee smart energy
- o Extends range of Zigbee HAN
- o Re-transmits the Zigbee traffic only for devices on the HAN it has been paired to
- o Optimally positioned to a smart meter to help mitigate any Smart Meter HAN related range issues

## Technical specifications

<b>User interface</b>	Dual LED status indicators
<b>Communication</b>	IEEE 802.15.4 compliant RF transceiver
<b>Zigbee 2.4GHz</b>	Tx power up to <+10dBm -102.7dBm sensitivity @ 250kbps 2405 – 2480MHz
<b>Physical</b>	Dimensions: 56 x 90 x 20mm Dimensions: 56 x 90 x 46.25mm (incl. plug pins) Weight: 100g Operating temperature: 0 to 40°C
<b>Power</b>	Input AC voltage: 100~240Vac (50/60Hz) Input AC current: <0.1A max. Power consumption: <0.5W



## User interface

Simple and subtle LED indicators provide instant and easily understood status information.

## Sustainable packaging

In Home Displays does not use any plastic bags, bubble wrap or any form of polyethylene material in our packaging. Our product and shipping packaging has a high content of recycled paper (80%), both can be recycled after use and are 100% biodegradable. Our products sit in custom designed trays made from waste material that is 100% recyclable/biodegradable. All printing on packaging is made from soy-based inks.

## Let's make energy smarter, together.

**E** [contact@ihdl.co.uk](mailto:contact@ihdl.co.uk)  
**W** [in-home-displays.co.uk](http://in-home-displays.co.uk)  
**A** In Home Displays Ltd, 15 Luna Place, Dundee  
 Technology Park, Dundee DD2 1TP

