

The key to energy insight in the home

PassivHub– Part No: E-H-001



PassivHub is the local brains of the intelligent home.

Integrating with PassivEnergy™

PassivHub passes data to PassivLiving™, our monitoring and control interface using the home's existing broadband. PassivHub facilitates:

- Backup and restore of critical settings
- Logging of measurement and monitoring data
- Remote system management
- Remote user access to in-home smart boiler heating service (iPhone)
- Weather feed and smart boiler heating weather compensation

Component snapshot

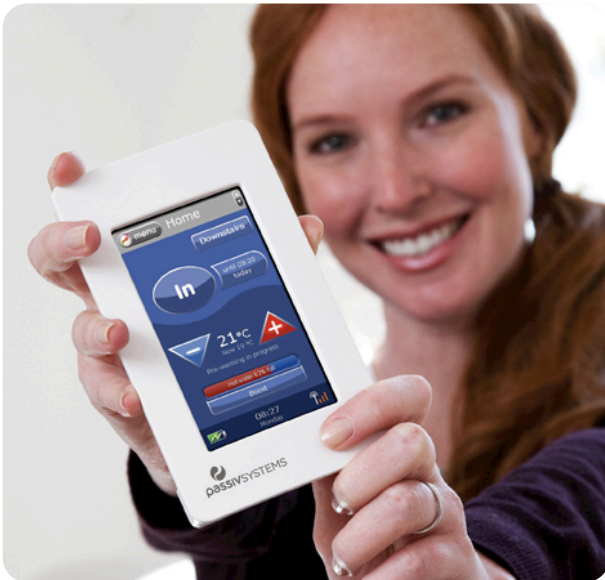
PassivHub is a ZigBee-enabled home hub configured to provide PassivEnergy™ internet enabled services into the home.

PassivHub acts as a central node of the wireless Home Area Network (HAN). It coordinates wireless communications with the meters, sensors, switches, actuators and displays that form the selected PassivEnergy™ service. LED indicators on the hub indicate the status of the HAN at all times.

PassivHub requires the consumer to have an internet connection and will operate with all known ISPs. Although PassivHub is autonomous and can therefore operate for long periods without internet connection, it must be switched on and connected to the the internet in order to provide remote diagnostic and control services.

Included in package

- PassivHub
- Mains PSU
- Ethernet cable (1.5m)
- Mounting tape
- Installation Guide



Minimum requirements

- Broadband router with available Ethernet (RJ45) socket
- A 13 amp power socket

Certification

CE approved

Warranty

PassivHub is warranted for 1 year from the date of installation or from 14 months from date of delivery (whichever is sooner), unless expressly agreed otherwise.

Failed units will be replaced as per PassivSystems RMA process.

Re-installation is the responsibility of the commercial partner.

Additional information

PassivSystems reserves the right to make changes to its products from time-to-time without notice.

When contracting with consumers, our commercial partners are responsible for seeking the home occupant's approval of privacy terms – an example of recommended privacy terms are available upon request.

Technical detail

Dimensions:	191 x 60 x 125 mm (width x height x depth)
Power supply:	External 230v AC / 5v DC PSU
Energy consumption:	2.0 W (max)
Wired connections:	DC in, RJ45 Ethernet, USB (for system expansion)
Wireless connectivity:	Secure mesh radio link
Indicators:	Five LEDs (power; home network status x 2; service status; warning)
Buttons:	One button (Factory reset/Join/Commissioning)
CPU etc:	100 MHz ARM926, 64MB RAM, 256MB flash
Firmware Proprietary:	OS and applications (Linux-based); remotely upgradeable
Security features:	Secure wireless network, SSLv2 and SSHv2 secured links to server