

Dimplex Hub

Series A

Product Description

Dimplex Hub acts as the bridge between radio frequency (RF) Dimplex products and the Dimplex Control Cloud server. This Hub connects via Ethernet or Wi-Fi.



Key Features

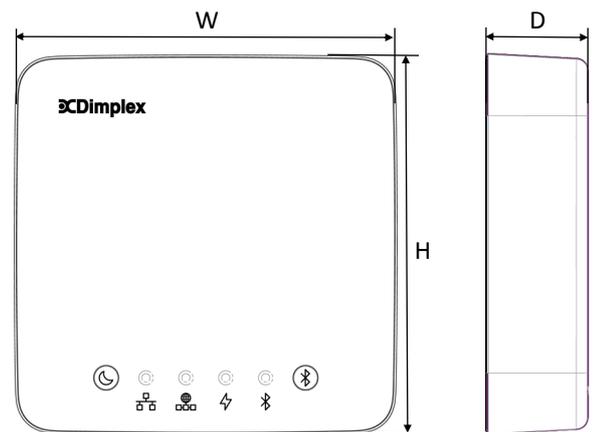
- Creates an 868MHz radio frequency network that supported Dimplex products can join
- Allows connected Dimplex products to send and receive commands via the Dimplex Control Cloud
- Quick setup using the Dimplex Control app step-by-step setup wizard. Setup utilises Bluetooth to communicate directly with the Hub meaning you never need to leave the app during setup

*Dimplex Hub requires an active internet connection to function.

Technical Details

UI (User Interface)	4 x LED Indicators <ul style="list-style-type: none"> •LAN Connection Status (RGB) •WAN/Internet Connection Status (RGB) •Mains Power Status (RGB) •Bluetooth Status (RGB) Buttons <ul style="list-style-type: none"> •Bluetooth Discovery •Hub Restart (Soft Reboot) •Hub Reset (Forget Me Function)
I/O	Connection to devices <ul style="list-style-type: none"> •868MHz low band RF, AES-128 encrypted •1x RS485 port Internet connection <ul style="list-style-type: none"> •2.4Ghz Wi-Fi b/g/n, WEP, WPA, WPA2 support •1x RJ45 Ethernet port 10/100Mbps
Encryption	<ul style="list-style-type: none"> •App communications secured using HTTPS and application certificates which are registered in the cloud. •Cloud to device comms encrypted. •Hub stores certificates and keys using a separate crypto authentication chip with anti-tamper technology.
IP Settings	IPV4. Ports: 443, 5671 DHCP / Static IP + proxy settings
Installation	<ul style="list-style-type: none"> •Wall mounting feature incorporated into the rear housing. Screws not supplied. •1x 1.5m RJ45 CAT5e Ethernet Cable
Range	-20m depending on environment* *No. of walls, wall construction, noise on operating frequency etc. will effect range
Max. connections per Hub	20 devices per Hub
IP Rating	IP20
Battery Backup	3.7V 1200mAh / 4.5Wh rechargeable Li-Polymer Battery
Supply	1 meter AC/DC adapter Class II Input: 100-240V AC -50-60Hz 1A. Output: 12V DC 2A
Colour / Finish	Moulding - Traffic White (RAL 9016)

Dimensions



Model/Item No.(EAN-Code 5011139+Item No.)	065698	DimplexHub
Height 'H', Width 'W', Depth 'D' (mm)	41 x 154 x 154	
Unpacked Weight (without cables) (Kg)	0.36	
Unpacked Weight (with cables) (Kg)	0.54	
Packaging Details		
Height Multipack/Individual (mm)	440 / 100	
Width Multipack/Individual (mm)	210 / 200	
Depth Multipack/Individual (mm)	400 / 189	
Multipack Weight (Kg)	6.9	
Individual Packed Weight (Kg)	0.8Kg	
Multipack Ti	10	
Multipack Hi	5	
Hubs per multipack	8	
Pallet Quantity (Multipack/Individual)	50 / 400	

Warranty & Approvals

Approvals	CE, BEAB
Warranty	2 Years
Country of Origin	United Kingdom
Manufacturer	Glen Dimplex Heating & Ventilation (GDC Group Ltd)