

Product Highlights

The Complete Home Solution

Connect and coordinate all your mydlink connected home devices allowing you to easily automate your home to suit your needs

Z-Wave & Wi-Fi Combined

Connect Z-Wave sensors and a network of wireless mydlink-enabled cameras, ensuring compatibility with all your devices

Sets Up in Minutes

Use the intuitive mydlink Home app for your tablet or smartphone to get your home automated in a matter of minutes



DCH-G020

mydlink™ Connected Home Hub

Features

Easy to Install

- Simple to set up using the mydlink Home app for your tablet or smartphone
- Uses D-Link's HNAP protocol for easier communication with all your mydlink Home devices

Wireless

- 802.11n Wi-Fi
- Built-in 2 x 2 antenna

Z-Wave Plus

- Uses Z-Wave 500 Series chip
- Speeds of up to 100 kbps

Security

- AES 128-bit encryption for Z-Wave
- WPA/WPA2 encryption for Wi-Fi

The DCH-G020 mydlink™ Connected Home Hub is a high-performance and secure Connected Home Z-Wave gateway used to control a variety of Z-Wave home sensors to automate your home. Integrated with D-Link's HNAP protocol, the DCH-G020 is the perfect hub for all of your D-Link Connected Home devices.

Automate Your Home

Acting as a central hub for all your D-Link Connected Home devices, the DCH-G020 allows you to deploy multiple devices to automate your home. Using the latest Z-Wave Plus technology combined with Wireless N functionality, the mydlink™ Connected Home Hub allows your devices to communicate with one another. Secure your home with mydlink-enabled cameras and motion sensors, receive notifications to give you peace of mind, or save power by having the lights switch off automatically when you go out. Whatever your home needs, mydlink Connected Home has you covered.

Fast Wireless Connection

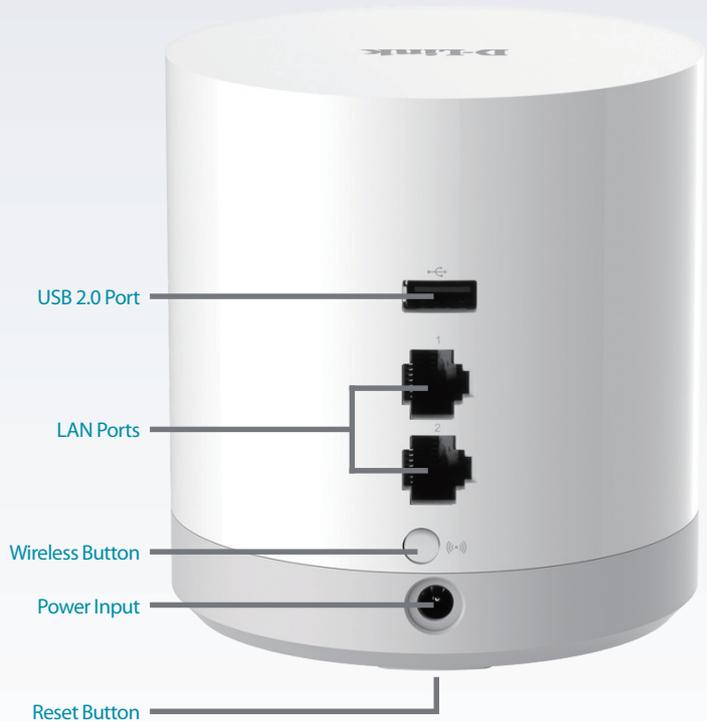
The DCH-G020 uses Z-Wave Plus technology, allowing it to communicate with other Z-Wave devices such as motion sensors, and provides a hub for your Wi-Fi devices such as cameras and smart plugs. As an additional access point in your home, the mydlink™ Connected Home Hub helps you to extend your network's wireless coverage, allowing you to position your devices in every corner of your home. 802.11n wireless technology and the built-in 2x2 wireless antenna gives you a fast wireless connection, ensuring that your home is automated as smoothly as possible.

Convenient & Intuitive Setup

The mydlink Home app for your iPhone, iPad, iPod touch, or Android device allows you to get the DCH-G020 up and running in minutes. D-Link's unique HNAP protocol is specially designed for D-Link products to seamlessly integrate with one another, ensuring maximum compatibility and greatly speeding up the connection process.

Robust Security Features

The DCH-G020 mydlink™ Connected Home Hub features WPA/WPA2 wireless encryption, preventing attackers from accessing your network. Furthermore, the hub's Z-Wave connectivity is protected with powerful 128-bit AES encryption, giving you peace of mind while you're away from home.



Technical Specifications

General

Network Protocols	<ul style="list-style-type: none"> • ARP, ICMP • TCP/IP • IPv4 and IPv6 • HNAP 	<ul style="list-style-type: none"> • DHCP client • NTP client • Bonjour
Wireless	<ul style="list-style-type: none"> • Z-Wave: <ul style="list-style-type: none"> • 868.40 MHz (Europe / China / Singapore / South Africa) • 908.40 MHz (United States / Canada / Mexico / Chile) • 916.00 MHz (Israel) • 919.80 MHz (Hong Kong) • 921.40 MHz (Australia / New Zealand / Brazil) • 922.50/923.90/926.30 MHz (Taiwan / JP) 	<ul style="list-style-type: none"> • Wi-Fi: 2.4 GHz, 802.11 b/g/n • AP mode
Ports	<ul style="list-style-type: none"> • USB 2.0 	<ul style="list-style-type: none"> • 2 x 10/100 Ethernet
Buttons	<ul style="list-style-type: none"> • WPS & Z-Wave pairing / unpairing 	<ul style="list-style-type: none"> • Reset
LED	<ul style="list-style-type: none"> • Status 	

Physical

Dimensions	<ul style="list-style-type: none"> • 100 x 100 x 110 mm (3.94 x 3.94 x 4.33 inches) 	
Power	<ul style="list-style-type: none"> • 5 V / 2 A 	
Temperature	<ul style="list-style-type: none"> • Operating: 0 to 40 °C (32 to 104 °F) 	<ul style="list-style-type: none"> • Storage: -20 to 70 °C (-4 to 158 °F)
Humidity	<ul style="list-style-type: none"> • Operating: 20% to 90% non-condensing 	<ul style="list-style-type: none"> • Storage: 5% to 95% non-condensing
Certifications	<ul style="list-style-type: none"> • FCC • CE 	<ul style="list-style-type: none"> • Wi-Fi • Z-Wave Plus

DCH-G020 mydlink™ Connected Home Hub

Order Information	
<i>Part Number</i>	<i>Description</i>
DCH-G020	mydlink™ Connected Home Hub

Updated 2015/03/13