D-Link®
Building Networks for People

Product Highlights

The Complete Smart 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 app for your tablet or smartphone to get your home automated in a matter of minutes

DCH-G022
mydlink™ Connected Home Hub

Features

Easy to Install
- Simple to set up using the mydlink app for your tablet or smartphone
- Communicates with all your mydlink devices

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

The DCH-G022 mydlink™ Connected Home Hub is a high-performance Connected Home Z-Wave gateway used to control a variety of Z-Wave home sensors to automate your home. Support for the mydlink™ mobile app simplifies setup while letting you manage your home automation on the go. Featuring access point functionality, it also helps expand your wireless coverage, making it the perfect hub for all of your D-Link Connect Home devices.
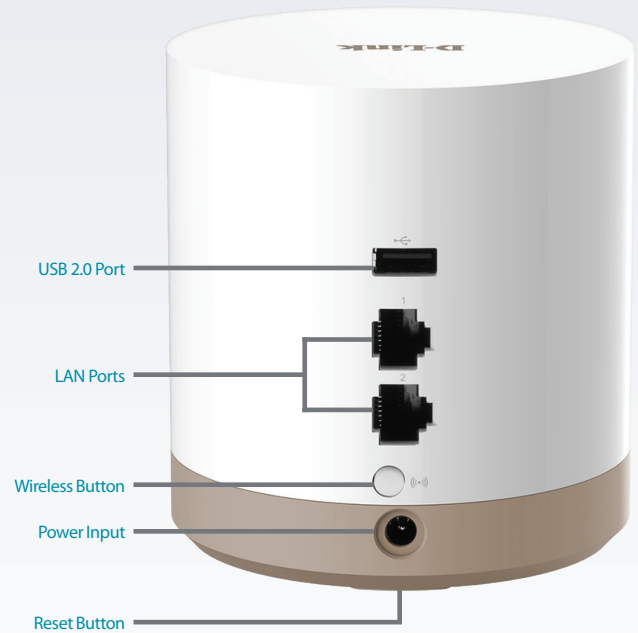
Automate Your Home

Acting as a central hub for all your D-Link Connected Home devices, the DCH-G022 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.

Reliable and Protected Wireless Connection

The DCH-G022 mydlink™ Connected Home Hub 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 extend your network's wireless coverage, allowing you to position your devices in every corner of your home. The DCH-G022 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. 802.11n wireless technology and built-in 2x2 wireless antenna provides you with a fast and far-reaching wireless connection, ensuring that your home is automated as smoothly as possible.

mydlink™ App

The mydlink app for your iPhone, iPad, or Android device allows you to get the DCH-G022 up and running in minutes. Not only does it simplify configuration, the app lets you create custom rules, schedules, and alerts for each device and area. Rest assured as instant notifications can be automatically sent to your mobile device in case an event triggers a device.

USB 2.0 Port

LAN Ports

Wireless Button

Power Input

Reset Button

Technical Specifications

General

Network Protocols	• ARP, ICMP • TCP/IP • IPv4 and IPv6	• DHCP client • NTP client • Bonjour

Wireless	• Z-Wave:
	  • 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)
		• 2.4 GHz Wi-Fi: 802.11 g/n
		• AP mode

Ports	• USB 2.0	• 2 x 10/100 Ethernet
Buttons	• WPS & Z-Wave pairing / unpairing	• Reset
LED	• Status	

Physical

Dimensions	• 100 x 100 x 110 mm (3.94 x 3.94 x 4.33 inches)	
Weight	• 180.7 g	
Power	• 5 V / 2 A	
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -20 to 70 °C (-4 to 158 °F)
Humidity	• Operating: 20% to 90% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• FCC • CE	• Z-Wave Plus

Order Information

Part Number	Description
DCH-G022	mydlink™ Connected Home Hub

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