# D-Link®
**Building Networks for People**

## DCH-Z310
# mydlink™ Z-Wave Smoke Alarm

## Features

**Easy to Install**
- Easily configured using the mydlink Home app for your smartphone or tablet
- Wireless functionality keeps your home free of clutter

**Smoke Detection**
- Built-in alarm notifies you whenever smoke is detected
- Tamper-proof
- Guaranteed 1-year battery life with low battery indication

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

**Security**
- AES 128-bit encryption for Z-Wave
- Uses D-Link's own protocol for secure communication with all your mydlink Home devices

The DCH-Z310 mydlink™ Z-Wave Smoke Alarm is a Connected Home Z-Wave smoke alarm designed to give you an early warning of developing fires. A built-in alarm alerts you and the neighbors whenever smoke is detected, and can be set up to trigger notifications when you're away. Integrating with D-Link's HNAP protocol, the DCH-Z310 connects seamlessly with your D-Link connected home Z-Wave gateway, guaranteeing compatibility and getting your connected home network up and running right away.

## Automate Your Home

Using the latest Z-Wave Plus technology, the mydlink™ Z-Wave Smoke Alarm connects to your Z-Wave gateway, and acts as a trigger for your connected home network whenever smoke is detected. If you're at home, the DCH-Z310's alarm will alert you to any potential danger. Otherwise, the mydlink™ Z-Wave Smoke Alarm can help monitor your home by automatically switching on mydlink-enabled cameras, or receive notifications to give you warnings when you're out. Whatever your home needs, mydlink Connected Home has you covered.
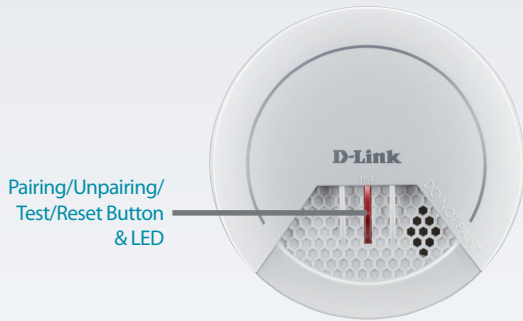
## Convenient & Intuitive Setup

The mydlink Home app for your smartphone or tablet allows you to get the DCH-Z310 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.
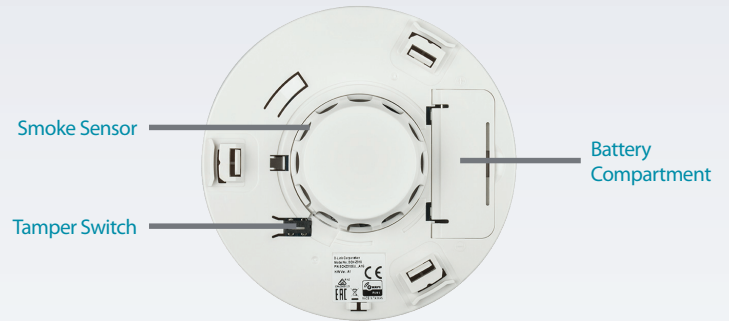
## Robust Security Features

The DCH-Z310 mydlink™ Z-Wave Smoke Alarm is protected with powerful 128-bit AES encryption, preventing attackers from disrupting the connection between the alarm and your Z-Wave gateway, giving you peace of mind while you're away from home.

# DCH-Z310 mydlink™ Z-Wave Smoke Alarm

**Front View**



Pairing/Unpairing/
Test/Reset Button
& LED

**Back View**



Smoke Sensor

Tamper Switch

Battery
Compartment

## Technical Specifications

### General

| | |
|---|---|
| Sensor | • Photoelectric smoke sensor |
| Alarm | • Built-in 85 dB / 3 m local sounder |
| Networking Protocol Support | • Z-Wave v6.02 or above |
| Z-Wave Wireless | • 868.40 MHz (Europe / China / Singapore / South Africa)  • 919.80 MHz (Hong Kong)<br>• 908.40 MHz (United States / Canada / Mexico / Chile)  • 921.40 MHz (Australia / New Zealand / Brazil)<br>• 916.00 MHz (Israel)  • 922.50 / 923.90 / 926.30 MHz (Taiwan / JP) |
| Buttons | • Tamper switch  • Pairing / unpairing / reset button |
| LED | • Status |

### Physical

| | |
|---|---|
| Dimensions | • Diameter: 120 mm (4.72 inches)  • Depth: 53 mm (2.09 inches) |
| Weight | • 130 grams (4.59 ounces) |
| Power | • Included 3 V CR123A battery |
| Temperature | • Operating: 0 to 40 ℃ (32 to 104 ℉)  • Storage: -20 to 70 ℃ (-4 to 158 ℉) |
| Humidity | • Operating: 10% to 85% non-condensing  • Storage: 5% to 95% non-condensing |
| Certifications | • FCC  • Z-Wave Plus<br>• CE  • EN14604 for smoke sensitivity & alarm |

### Order Information

| Part Number | Description |
|---|---|
| DCH-Z310 | mydlink™ Z-Wave Smoke Alarm |

Updated 2015/03/13

**D-Link**®
Building Networks for People