

# Whole Home Smart Water Leak Sensor Starter Kit

Your Home, Only Smarter

The DCH-S1621KT includes a DCH-S162 compact AC powered Wi-Fi water sensor and a DCH-S163 long distance battery powered water sensor to help keep your home dry with app notifications and audio/visual alerts

**DCH-S1621KT**

- Works with mydlink Smart Home devices and the Google Assistant
- Get audio alerts from the Google Assistant
- 100 decibel siren provides audio alerts
- Strobe LED flashes when water is detected
- Rich Notifications let you take action right from your lock screen
- Firmware over-the-air upgrades
- mydlink™ app support<sup>1</sup>

**DCH-S162**

- Connects to your existing Wi-Fi router, no hub required
- Wireless 802.11n/g compatibility
- Plug into AC Powered, type A plug socket (100-240 VAC, 50/60 Hz)
- Integrated Sub-GHz hub for long-range sensors (over 300 ft. indoors or 1000 ft. in open space)
- Built-in 100 dB speaker/siren for audio alerting
- Built-in Bluetooth™ for faster setup
- Supports WPA3™ - the latest Wi-Fi security for more protection
- 0.5m sensing cable and 1m extendable cable for water detection

**DCH-S163**

- Battery-powered for unrestricted placement
- Battery life of up to five years
- IP65 dust & water-resistant design
- Metal probes for water detection



**Water Detection Alerts**

Instant push notification when water is detected<sup>2</sup>



**Extreme Range**

Built-in long-distance wireless hub (up to 1000 ft)



**Works with your Wi-Fi**

Connects to your existing Wi-Fi router, no hub required



**100 dB Siren**

Audible alerts when water is detected



**Expandable**

Place up to 16 DCH-S163 long-range sensors in leak-prone areas



**LED Strobe Alert**

Visual alerts when water is detected



**Intuitive App**

The mydlink app lets you manage your device anytime, anywhere



**Smart Home Compatible**

Works with mydlink Smart Home devices and Google Assistant

## General

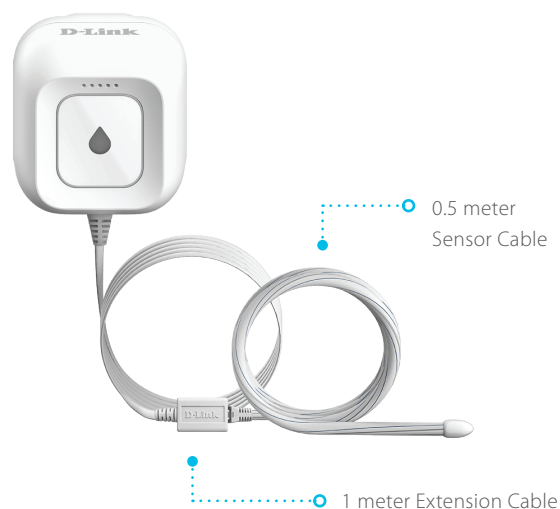
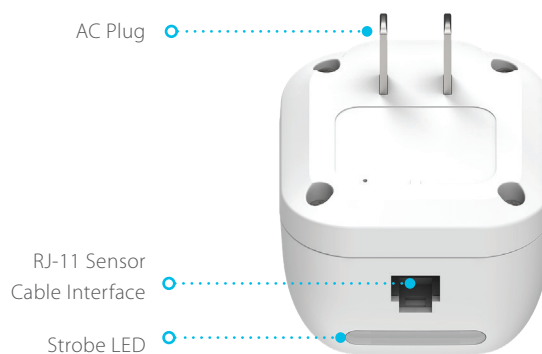
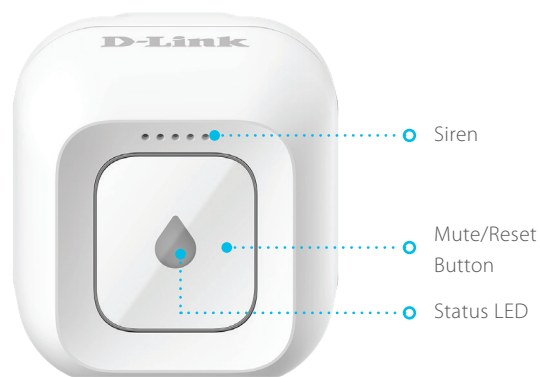
Connectivity	<ul style="list-style-type: none"> <li>• IEEE 802.11n/g wireless</li> <li>• Bluetooth Low Energy 4.2</li> <li>• Sub-GHz wireless</li> </ul>
Wireless Encryption	AES 128-bit encryption
Security	WPA2 WPA3
Antennas	2 x internal antenna
LED	<ul style="list-style-type: none"> <li>• Status</li> <li>• Strobe</li> </ul>
Alarm Volume	100 dB
Device Interfaces	Reset button
Connection Interface	RJ-11

## Functionality

Supported Features	<ul style="list-style-type: none"> <li>• The Google Assistant</li> <li>• Strobe LED flashing when water detected</li> <li>• Bluetooth for installation</li> <li>• Sensing cable for water leak detection</li> <li>• Extendable sensing cable</li> <li>• Push notifications w/ quick action buttons to call up to 2 designated contact numbers and turn off the siren</li> <li>• Built-in long distance hub to sync with up to 16 DCH-S163 probes</li> </ul>
Device Management	mydlink app

## Physical

Dimensions	<ul style="list-style-type: none"> <li>• 58 x 54 x 57 mm</li> </ul>
Weight	Device: 72 g
Power	100-240 Vac, 50/60 Hz, type A plug
Power Consumption	<ul style="list-style-type: none"> <li>• Standby: &lt; 3 W</li> <li>• Active: &lt; 5 W</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>• Operating: 0 to 40 °C (32 to 104 °F)</li> <li>• Storage: -20 to 70 °C (-4 to 158 °F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• Operating: 20% to 80% non-condensing</li> <li>• Storage: 5% to 95% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• EMC/EMI/RF: FCC, IC</li> <li>• Safety: cUL</li> <li>• Others: RoHS</li> </ul>



## General

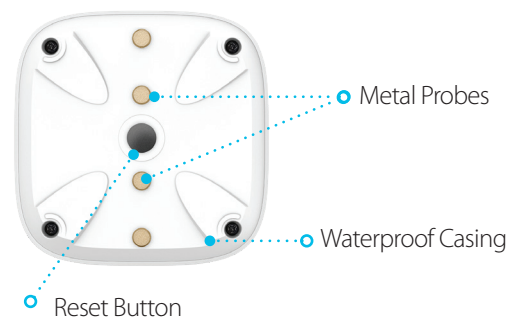
Device Interfaces	<ul style="list-style-type: none"> <li>Reset button</li> <li>Sub-GHz wireless</li> </ul>
Connectivity	<ul style="list-style-type: none"> <li>915 MHz band</li> <li>Range: 300 ft (indoor) / 1,000 ft (open area)</li> </ul>
LED	<ul style="list-style-type: none"> <li>Status</li> </ul>
Wireless Encryption	<ul style="list-style-type: none"> <li>AES 128-bit encryption</li> </ul>

## Functionality

Supported Features	<ul style="list-style-type: none"> <li>Battery powered</li> <li>Long battery life</li> <li>Long range connection</li> <li>4 metal probes for water detection</li> <li>IP65 dust &amp; water-resistant design</li> <li>Push notifications w/ quick action buttons to call up to 2 designated contact numbers and turn off the siren</li> <li>Google Assistant</li> </ul>
Device Management	mydlink app

## Physical

Dimensions	<ul style="list-style-type: none"> <li>66.4 x 66.4 x 20.6 mm</li> </ul>
Weight	69 grams
Power	<ul style="list-style-type: none"> <li>AAA battery x 2</li> <li>Battery Life: over 5 years standby time</li> </ul>
Power Consumption	<ul style="list-style-type: none"> <li>Standby: &lt;= 18 uW</li> <li>Wake up: &lt;= 66 mW</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>Operating: 0 to 40 °C (32 to 104 °F)</li> <li>Storage: -20 to 70 °C (-4 to 158 °F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>Operating: 10% to 90% non-condensing</li> <li>Storage: 5% to 95% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>FCC</li> <li>IC</li> <li>RoHS</li> </ul>



<sup>1</sup> Please visit [www.dlink.com](http://www.dlink.com) for more information on mydlink products that support Smart Home functionality.

<sup>2</sup>This product is intended solely to help reduce damage caused by a water leak. D-Link disclaims all liability for any water damage that occurs as result of the failure of this product to properly function.