

# D-Link:

Version 0.1 . 03/2015



## User Manual

mydlink Wi-Fi Water Sensor

DCH-S160

# Table of Contents

<b>Product Overview</b> .....	<b>3</b>
Package Contents .....	3
System Requirements .....	4
Introduction .....	5
Features .....	6
Hardware Overview .....	7
Connections.....	7
Side.....	8
<b>Installation</b> .....	<b>9</b>
<b>Technical Specifications</b> .....	<b>10</b>
Federal Communication Commission Interference Statement .....	11

# Package Contents

- mydlink Wi-Fi Water Sensor (DCH-S160)
- RJ11 extension cable 1m
- RJ11 detection cable 0.5

# System Requirements

<b>Network Requirements</b>	<ul style="list-style-type: none"><li>● IEEE 802.11b/g/n wireless router</li></ul>
<b>App-based Configuration Device Requirements</b>	<b>Operating System:</b> <ul style="list-style-type: none"><li>● iOS 7 or above</li><li>● Android 4 or above.</li></ul>

# Introduction

The mydlink Wi-Fi Water Sensor is a wireless sensor that keeps your home safe. You can install the probe anywhere and it will help you detect water leaks before serious flooding. If the water sensor is triggered, a 70dB alarm will sound and an LED will blink to give you audio and visual warnings. Lastly, you can stay updated with instant push notifications to your mobile device while you're away from home.

# Features

- **Compatible with 802.11b/g and 802.11n Devices** - The DCH-S160 is still fully compatible with the 802.11b/g/n standards.
- **WPS PBC** - (Wi-Fi Protected Setup Push Button Configuration) Push Button Configuration is a button that can be pressed to add the device to an existing network or to create a new network. A virtual button can be used on the utility while a physical button is placed on the side of the device.

This easy setup method allows you to form a secured wireless link between the DCH-S160 and another WPS enabled device. A PC is no longer needed to log into the Web-based interface.

- **User-friendly Setup Wizard** - Through its easy-to-use App-based which iOS or Android system user you can configure your access point to your specific settings within minutes.

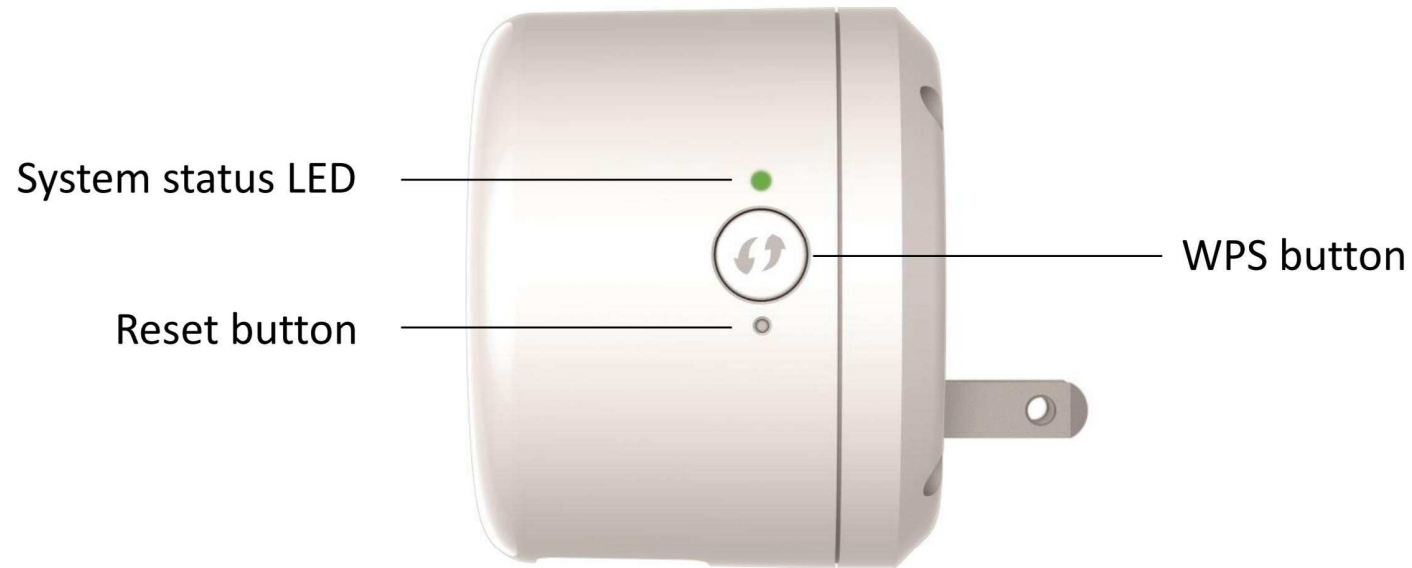
# Hardware Overview

## Connections



# Hardware Overview

## Side



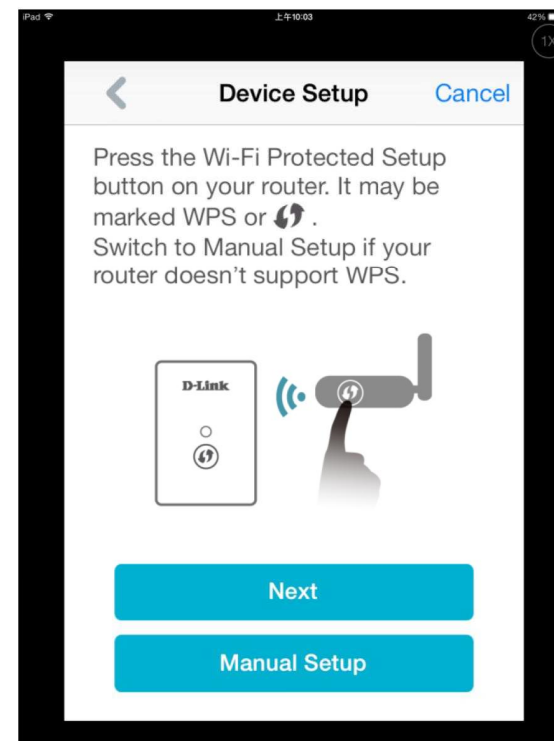
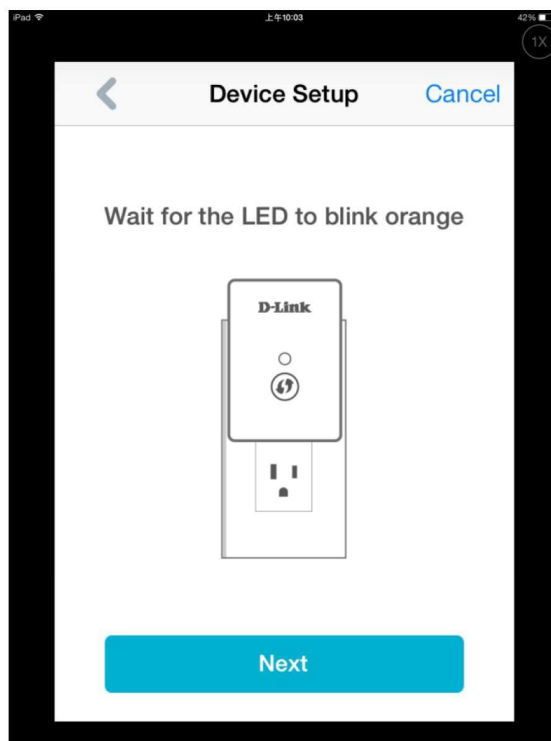


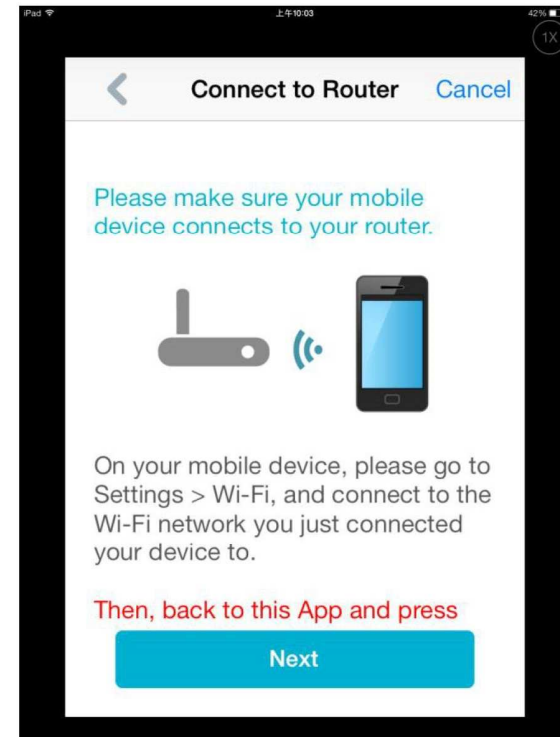
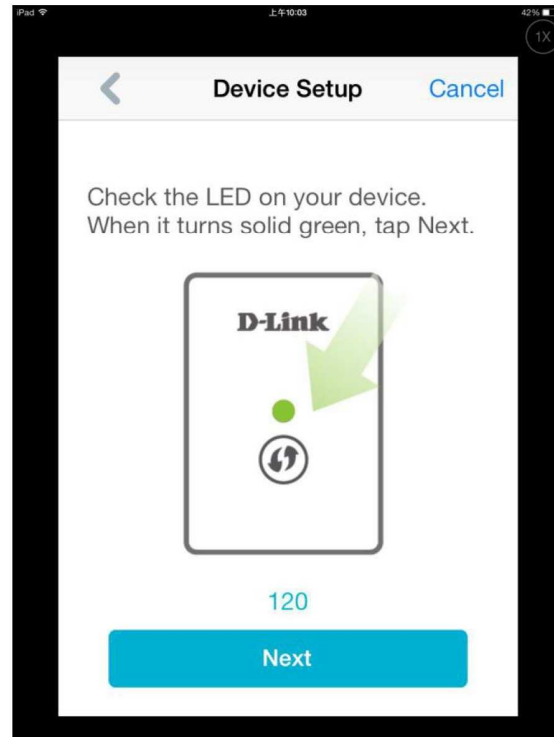
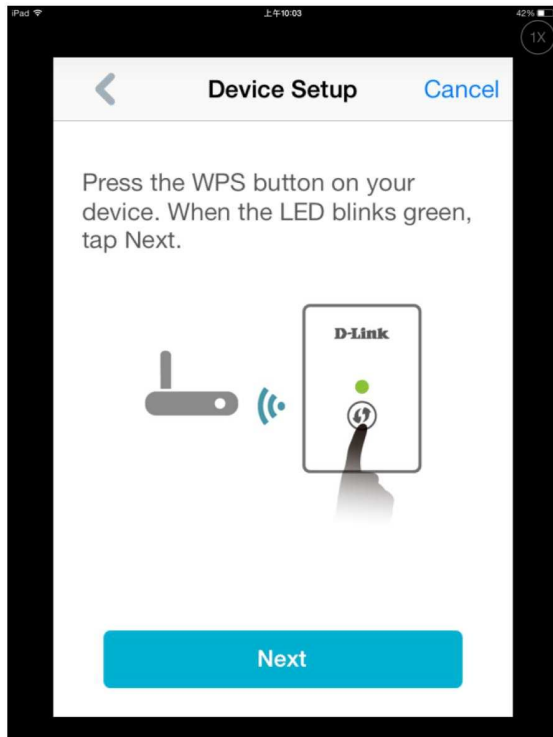
# Installation

## Connecting the Wi-Fi water Sensor

It is easy to connect the DCH-S160 simply by performing the following instructions:

1. Plug the DCH-S160 into the wall outlet/socket, then follow App user guide.





# Technical Specifications

## DEVICE INTERFACES

- 802.11n WLAN (AP wireless connection to computers)
- Common connect button
- Reset button

## WIRELESS LAN

- 802.11b/g standards
- 802.11n standard
- Wireless speed: up to 300 Mbps (802.11n)
- 64/128-bit WEP data encryption
- WPA/WPA2 (Wi-Fi Protected Access)

## ADVANCED FEATURES

- IPv6 support

## OPERATION MODES

- AP 2.4 GHz

## DIMENSIONS

- 65mm x 65mm x 52.7mm

## WEIGHT

- 100g

## MAXIMUM POWER CONSUMPTION

- AC: 3 watts

## TEMPERATURE

- Operating: 0 to 45 °C (32 to 117 °F)
- Storage: -20 to 65 °C (-4 to 149 °F)

## HUMIDITY

- Operating: 10% to 90% non-condensing
- Storage: 5% to 95% non-condensing

## CERTIFICATIONS

- FCC
- IC
- UL

1. Maximum wireless signal rate derived from IEEE Standard 802.11g and 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental conditions will adversely affect wireless signal range.
2. Range varies depending on country's regulation.
3. Do not use for Live & Security, Remote Control, or Energy Management
4. RJ11 jack is for wire extension but not connected to PSTN.



## Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note: The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all WiFi product marketed in US must fixed to US operation channels only.

### **Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

**Industry Canada statement:**

This device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

**Radiation Exposure Statement:**

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

**Declaration d'exposition aux radiations:**Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.