

# Smart Home HD Starter Kit



# Monitor and control your home using your existing Wi-Fi



DCH-100KT

# **DCH-100KT Control and Monitor Your Home**





This clever little starter kit lets you set, control, monitor and automate your home from anywhere. The Smart Home HD Starter Kit includes a Smart Plug (DSP-W215), a Wi-Fi Motion Sensor (DCH-S150) and a Monitor HD (DCS-935L).

These devices talk to each other and with the mydlink Home smartphone and tablet app you can decide what it is you would like them to do. Below are some examples:

- The Wi-Fi Motion Sensor will detect motion in your home, which then triggers the Smart Plug to turn the lamp on.
- When motion is detected, be alerted and see what's going on in your home in real-time and in HD with the Home Monitor HD.



- The Smart Plug even monitors the power usage of the electrical appliance plugged in and you can turn them on and off manually or automatically, whenever, from wherever.



This is clever stuff implemented to make your life easier and safer with added peace of mind. It is smart home technology at its most futuristic.

# Easy to Setup

Simply download the mydlink Home app and the step by step setup wizard will help you set up all the devices in the kit



Download the free mvdlink<sup>®</sup> Home App.



Add all your smart devices - the app will guide you step by step.



Automate your home by setting up schedules or rules. Manage and see your home from your smartphone or tablet when you are out and about.





### Your mydlink<sup>™</sup> Home

mydlink<sup>™</sup> Home allows you to start with this convenient starter kit and add more when you want to. The unique mydlink<sup>™</sup> Home App<sup>1</sup> for iOS and Android smartphone and tablet puts you in control of all your mydlink<sup>™</sup> Home smart devices. You can even setup automation rules to make your home smarter. No hidden charges. Seriously.





### **Turn Devices On/Off**

Instantly turn devices on or off from your iOS or Android smartphone or tablet using the mydlink<sup>™</sup> Home app, wherever you are.

#### **Create schedules**

Create on/off schedules to have your appliances work for you when you want them to.

#### Protect your appliance

The integrated thermal sensor automatically turns off overheating power sockets, giving you peace of mind<sup>2</sup>.

#### Stay informed

Send automatic alerts to notify you when an appliance has been turned on/off, when power consumption limit is exceeded or if the appliance malfunctions and overheats.





#### **View From Anywhere**

View securely over the Internet through your smartphone or tablet. Works with iOS and Android smartphone and tablet through the free mydlink<sup>™</sup> Home App<sup>1</sup>.



#### **High definition**

Monitor your home in HD 720p. See everything in detail, even when zoomed in.

#### See in the dark

Built-in night vision function allows you to see up to 5 metres even in complete darkness.

# Motion and sound detection

Alerts you with push notification whenever motion or sound is detected.



### **Detect Motion**

The passive Infrared (PIR) motion sensor greatly reduces false alarms to ensure you are alerted only when needed.

#### Wide coverage

Motion detection up to 8 metres (100° horizontal / 80° vertical).

#### Stay informed

Automatic alerts to notify you when motion is detected.





#### **Technical Specifications**

DSP-W215 Smart Plug		
Device Interface	802.11b/g/n wireless with WPA/WPA2 encryption	WPS button / reset button
LEDs	Power/Status	
Functionality		
Support Functions	<ul> <li>Smart remote control</li> <li>Push notifications</li> <li>Energy usage statistics</li> </ul>	<ul><li>Power scheduling</li><li>Overheat protection</li></ul>
Physical	· ·	
Dimensions	• 96.5 x 62 x 76.7 mm	
Weight	• 180 g (EU)	• 173 g (UK)
Power	• Input: 100 to 240 V AC	
Maximum Load	• 16A, 250V	
Power Consumption	• Maximum 5 W	
Temperature	• Operating: 0 to 40 °C (32 to 104 °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	• UL

DCH-S150 Wi-Fi Motion Sensor				
Device Interfaces	802.11b/g/n wireless with WPA/WPA2 encryption	WPS button / reset button		
LED	Status/WPS			
PIR Sensor	• 8 metres (100° horizontal / 80° vertical) detection range			
Antennas	One internal antenna			
Plug Type	Region dependent			
Physical				
Dimensions	• 58 x 54 x 43.5 mm (2.28 x 2.13 x 1.71 inches)			
Weight	• 80 grams (2.82 ounces)			
Power	• Input: 220 to 240 V AC, 50/60 Hz			
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	<ul> <li>Storage: -20 to 65 °C (-4 to 149 °F)</li> </ul>		
Humidity	Operating: 10% to 90% non-condensing	<ul> <li>Storage: 5% to 95% non-condensing</li> </ul>		
Certifications	• FCC, CE	• UL, CE/LVD		

DCS-935L Monitor HD		
Camera Hardware Profile	<ul> <li>1/4" Megapixel progressive CMOS sensor</li> <li>5 metre IR illumination distance</li> <li>Minimum illumination: 0 lux with IR LEDs on</li> <li>Built-in Infrared-Cut Removable (ICR) Filter module</li> <li>4X digital zoom</li> <li>Lens: Fixed length 2.38 mm</li> <li>Aperture: F2.4</li> </ul>	<ul> <li>Angle of view:</li> <li>(H) 78.44°</li> <li>(V) 47.9°</li> <li>(D) 85.98°</li> <li>Minimum object distance: 434 mm</li> <li>Exposure Time: 1/7.5 to 1/24,000 sec.</li> <li>Built-in microphone</li> </ul>
Image Features	Time stamp and text overlays	Configurable motion detection windows
Video Compression	Simultaneous H.264/MJPEG format compression	JPEG for still images
Video Resolution	• 1280 x 720 at frame rates up to 30 fps	
Audio Compression	• AAC	• G.711
Connectivity	802.11b/g/n/ac wireless with WEP/WPA/WPA2 encryp	tion
Advanced Features		
Event Management	Motion detection	Sound detection
General		
Dimensions	• 58.0 x 84.5 x 124.9 mm (2.28 inches x 3.33 inches x 4.92 inches)	
Weight	• 160.0 g (5.6 ounces) ± 5%	
Power	• 5 V DC 1.2 A, 50/60 Hz	
Power Consumption	• 3.5 watts maximum	
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	<ul> <li>Storage: -20 to 70° C (-4 to 158 °F)</li> </ul>
Humidity	Operating: 20% to 80% non-condensing	Storage: 20% to 80% non-condensing
Certifications	• CE • CE LVD	<ul> <li>FCC Class B</li> <li>C-Tick</li> </ul>

<sup>1</sup> mydlink<sup>™</sup> Home app is available for iOS and Android devices. Please refer to the mobile app's store page to check whether your device is compatible. <sup>2</sup> Thermal sensor detects temperature at the device plug electrical contacts.

## For more information: www.dlink.com

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