



720p HD video quality



340° pan & tilt



Sound & motion detection alerts



Create on & off schedules



Free cloud recording



mydlink® apps for remote access



## DCH-301KT D.I.Y. SECURITY KIT - HD PAN & TILT EDITION

### Features

#### Premium Resolution and Visibility

- HD 1280 x 720p resolution image quality
- 340° pan and 120° tilt range
- See up to 26 feet in complete darkness with built-in IR LEDs
- 98° (H) Field of View for better coverage
- 10x digital zoom for close-up viewing

#### Security

- Sound & motion detection triggers alert notifications
- Create action triggers to automatically record video footage to your mydlink account or microSD card<sup>1</sup>
- Set schedules to turn devices on/off
- Built-in microphone and speaker for two-way communications

#### Ease of Use

- Compatible with 802.11n/g/b
- Wi-Fi Protected Setup (WPS) for secure setup with the push of a button

#### Convenient Control with mydlink® Support

- mydlink Home app support for iPhone, iPad and Android devices
- Access and control devices easily from your mobile device

### Overview

The D.I.Y. Security Kit - HD Pan & Tilt Edition (DCH-301KT) provides several ways to secure, connect and automate your home. Place the HD Pan & Tilt Wi-Fi Camera anywhere and stay informed with automatic cloud video recording and ultra-smooth pan & tilt functionality. Set schedules to turn devices on/off with the Wi-Fi Smart Plug<sup>2</sup> or automatically turn on lights when the Wi-Fi Motion Sensor detects movement. Create a truly automated home security solution with easy do-it-yourself installation, no monthly fees and anytime, anywhere access with the free mydlink® Home app.

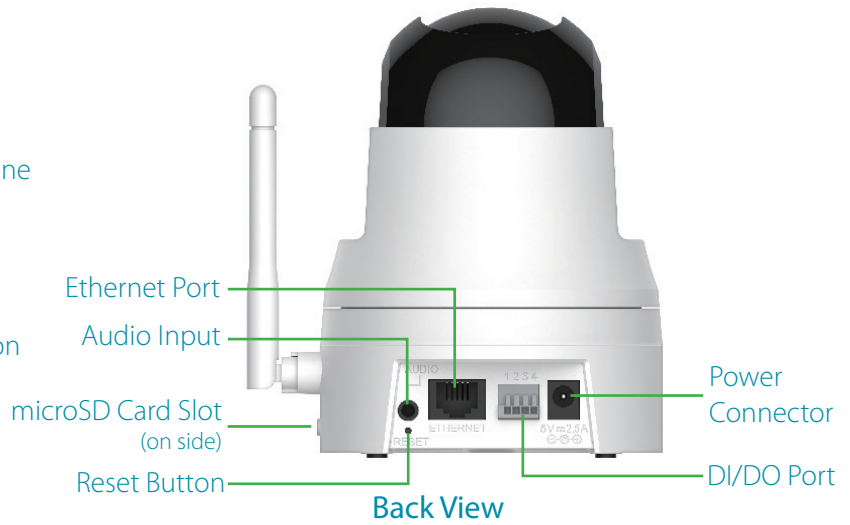
### Get Your Home Talking™

Combine the Wi-Fi Smart Plug and your mobile device to set schedules to illuminate your home while you're away. Pair the Wi-Fi Motion Sensor and the HD Pan & Tilt Wi-Fi Camera to receive push notification alerts and view your camera to see what is happening at home. Use all three products together to automatically turn on lights when motion is detected and record video footage to your mydlink cloud account. These are only a few of the many ways the D.I.Y. Security Kit - HD Pan & Tilt Edition can Get Your Home Talking™ - the possibilities are almost endless!

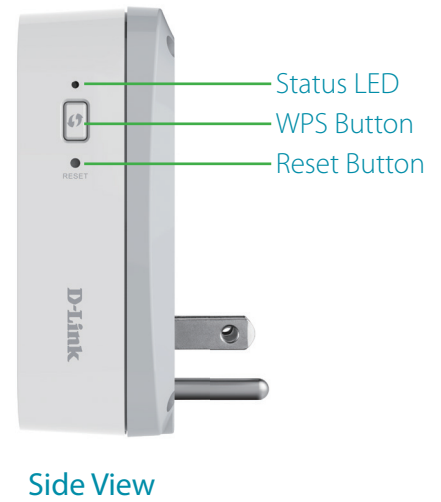
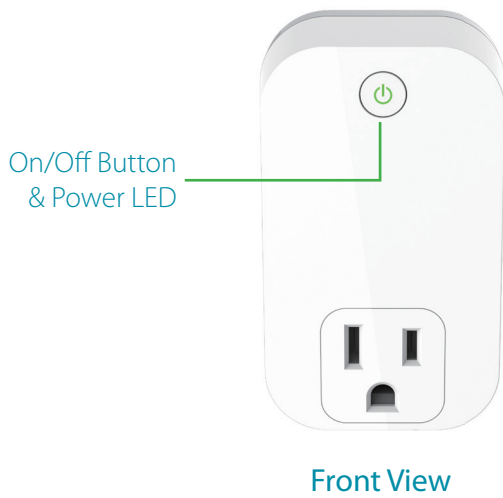
### Access Anytime, Anywhere with the mydlink® Home App

Get your devices talking with the free mydlink® Home app. Available for iOS and Android devices, the mydlink® Home app lets you access your devices anytime, anywhere and receive push notification alerts. Create triggers and actions to automatically turn on/off devices or record video clips to your mydlink account to ensure peace of mind whenever you're away. The free mydlink cloud video recording service saves a 30-second video clip per event trigger with up to 10 event triggers per day. Videos are stored on a first-in-first-out basis within a rolling week's schedule to ensure you always have the space you need.

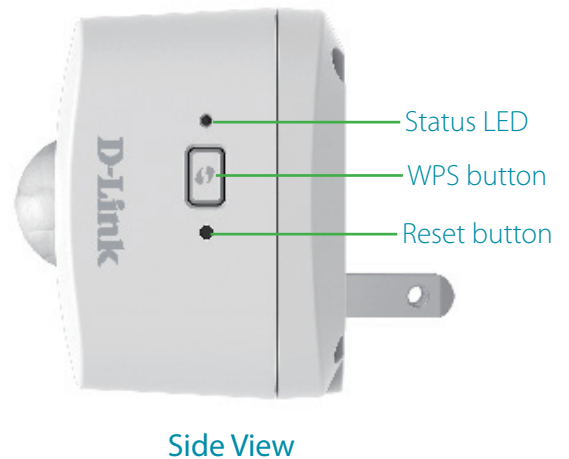
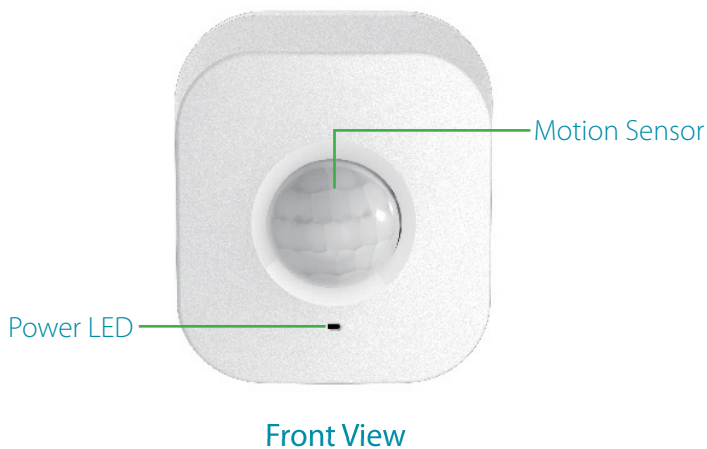
### HD Pan & Tilt Wi-Fi Camera (DCS-5222L)



### mydlink® Wi-Fi Smart Plug (DSP-W110)



### mydlink® Wi-Fi Motion Sensor (DCH-S150)



Technical Specifications for HD Pan & Tilt Wi-Fi Camera (DCS-5222L)

Camera

Hardware Profile	<ul style="list-style-type: none"> <li>• 1/4" megapixel progressive CMOS sensor</li> <li>• 26 feet 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>• 10x digital zoom</li> <li>• Focal length: 4.57 mm</li> <li>• Aperture: F1.9</li> </ul>	<ul style="list-style-type: none"> <li>• Angle of view: <ul style="list-style-type: none"> <li>• (H) 98°</li> <li>• (V) 52°</li> <li>• (D) 115°</li> </ul> </li> <li>• Exposure time: 1/7.5 to 1/10,000 sec.</li> <li>• Built-in microphone and speaker</li> </ul>
Image Features	<ul style="list-style-type: none"> <li>• Adjustable image size, quality, frame rate and bit rate</li> <li>• Adjustable brightness, saturation, contrast, shutter speed, mirror and flip</li> </ul>	<ul style="list-style-type: none"> <li>• Configurable motion detection windows</li> <li>• Time stamp and text overlays</li> <li>• Three configurable privacy mask zones</li> </ul>
Video Compression	<ul style="list-style-type: none"> <li>• Simultaneous H.264/MJPEG format compression</li> <li>• H.264 multicast streaming</li> </ul>	<ul style="list-style-type: none"> <li>• JPEG for still images</li> </ul>
Video Resolution	<ul style="list-style-type: none"> <li>• 1280 x 720 at up to 30 fps</li> </ul>	<ul style="list-style-type: none"> <li>• 640 x 352 at up to 30 fps</li> </ul>
Audio Compression	<ul style="list-style-type: none"> <li>• AAC</li> </ul>	<ul style="list-style-type: none"> <li>• G.711</li> </ul>
Pan Range	<ul style="list-style-type: none"> <li>• -170° to +170° (total 340°)</li> </ul>	
Tilt Range	<ul style="list-style-type: none"> <li>• -20° to +100° (total 120°)</li> </ul>	
Angular Velocity	<ul style="list-style-type: none"> <li>• 5-80° per second</li> </ul>	
Built-in Protocol	<ul style="list-style-type: none"> <li>• 10/100 BASE-TX Ethernet port</li> </ul>	<ul style="list-style-type: none"> <li>• 802.11n/g/b WLAN</li> </ul>
External Device Interface	<ul style="list-style-type: none"> <li>• 10/100 BASE-TX Ethernet Port</li> <li>• Single Audio Input/Output Port</li> <li>• DI/DO Port</li> <li>• Power LED</li> <li>• WPS Button</li> </ul>	<ul style="list-style-type: none"> <li>• WPS LED</li> <li>• Reset Button</li> <li>• Power Connector</li> <li>• microSD/SDHC slot</li> </ul>

Network

Network Protocols	<ul style="list-style-type: none"> <li>• IPV4, ARP, TCP, UDP, ICMP</li> <li>• DHCP Client</li> <li>• NTP Client (D-Link)</li> <li>• DNS Client</li> <li>• DDNS Client (D-Link)</li> <li>• SMTP Client</li> </ul>	<ul style="list-style-type: none"> <li>• FTP Client</li> <li>• HTTP Server</li> <li>• PPPoE</li> <li>• RTP, RTSP, RTCP</li> <li>• 3GPP</li> </ul>
Security	<ul style="list-style-type: none"> <li>• Administrator and user group protection</li> <li>• Password authentication</li> </ul>	<ul style="list-style-type: none"> <li>• HTTP and RTSP digest encryption</li> </ul>
Wireless Connectivity	<ul style="list-style-type: none"> <li>• 802.11n/g/b wireless with WEP/WPA/WPA2 security</li> </ul>	<ul style="list-style-type: none"> <li>• WPS</li> </ul>

System Integration

System Requirements for Web Interfaces	<ul style="list-style-type: none"> <li>• Operating system: Microsoft Windows 8/7<sup>3</sup>, XP SP2<sup>3</sup>, Vista<sup>3</sup> or Mac OS X6 (10.5 and above)</li> </ul>	<ul style="list-style-type: none"> <li>• Browser: Internet Explorer 8, Firefox 12 or above, Safari 4.0 or above, Chrome 20 or higher with Java installed and enabled</li> </ul>
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Remote Access

Remote Management	<ul style="list-style-type: none"> <li>• Configuration accessible via web browser</li> <li>• Event notification and uploading of snapshots/video clips via e-mail (SMTP) or FTP</li> </ul>	<ul style="list-style-type: none"> <li>• Motion detection</li> <li>• Sound level detection</li> </ul>
Mobile Support	<ul style="list-style-type: none"> <li>• mydlink Lite app for iOS, Android and Windows</li> <li>• mydlink+ app for iOS and Android</li> </ul>	<ul style="list-style-type: none"> <li>• mydlink Home app for iOS and Android</li> </ul>

General	
Weight	• 0.75 lbs
Power	• 110-240VAC, 50/60 Hz
Power Consumption	• 10.5 watts
Temperature	• Operating: 32 to 104 °F (0 to 40 °C)      • Storage: -4 to 158 °F (-20 to 70 °C)
Humidity	• Operating: 20% to 80% non-condensing      • Storage: 5% to 95% non-condensing
Certifications	• CE • CE LVD      • FCC Class B • C-Tick
Dimensions	• 4.46 x 4.46 x 4.92 inches

### Technical Specifications for the mydlink Wi-Fi Smart Plug (DSP-W110)

General	
Standards	• IEEE 802.11n
LEDs	• Power/Status
Functionality	
Support Functions	• Smart remote control      • Scheduling • Push notifications
System Compatibility	• iOS 6 or later      • Android 4.0 or later
Physical	
Dimensions	• 3.54 x 2.40 x 1.40 inches
Weight	• 4.41 ounces
Power Input	• Input: 100 to 125V AC      • Maximum 3W
Power Capacity	• Up to 1800W/15AMPS
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

### Technical Specifications for the mydlink Wi-Fi Motion Sensor (DCH-S150)

General	
Device Interfaces	• Wireless 802.11 b/g/n      • Reset button • WPS button      • Power/Status LED
Standards	• IEEE 802.11n
PIR Sensor	• 26 feet detection range
Wireless Frequency Range	• 2.4 GHz to 2.4835 GHz
Antennas	• Two internal antennas
Plug Type	• Region dependent

# DCH-301KT

## D.I.Y. SECURITY KIT - HD PAN & TILT EDITION

Functionality	
Security	<ul style="list-style-type: none"> <li>• Wi-Fi Protected Access (WPA/WPA2)</li> <li>• Wi-Fi Protected Setup (WPS)</li> </ul>
Advanced Features	<ul style="list-style-type: none"> <li>• mydlink Home app support</li> </ul>
Device Management	<ul style="list-style-type: none"> <li>• mydlink Home app</li> </ul>
APP Minimum Requirements	<ul style="list-style-type: none"> <li>• Available for iOS and Android Mobile Devices</li> <li>• iPhone/iPad: iOS 6 or Above</li> <li>• Android: 4.0 or Above</li> <li>• Free APP</li> <li>• No Monthly Fees</li> </ul>
Physical	
Dimensions	<ul style="list-style-type: none"> <li>• 2.28 x 2.13 x 1.71 inches</li> </ul>
Weight	<ul style="list-style-type: none"> <li>• .018lbs</li> </ul>
Power	<ul style="list-style-type: none"> <li>• Input: 110 to 125 V AC, 50/60 Hz</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>• Operating: 0 to 40 °C (32 to 104 °F)</li> <li>• Storage: -20 to 65 °C (-4 to 149 °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>• UL</li> </ul>

<sup>1</sup> An SDHC Class 6 card or above is recommended. Up to 32GB supported.

<sup>2</sup> Keep the DSP-W110 away from wet environments

<sup>3</sup> Computer must adhere to Microsoft's recommended system requirements.

### For more information

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