

DCH-8331KT

D-Link[®]

Smart DIY Security Starter Kit

Camera, Door/Window and Motion Sensor



mydlink[™]



Product Highlights



AI-Based Detection

Advanced, intelligent motion detection



True Full HD 1080p Clarity

1080p at 30 fps so you never miss a thing



Built-In Smart Home Hub

Works with compatible mydlink Smart DIY devices¹

Your Home, Only Smarter.

The DCH-8331KT Smart DIY Security Starter Kit is your total home surveillance solution with mydlink. The kit includes the DCS-8330LH Smart Full HD Wi-Fi Camera with built-in Smart Home Hub, which blends AI smarts and Intelligent Video Analytics (IVA) detection with 151° views of your room in true 1080p Full HD at 30 fps. It's also packaged with two mydlink Smart DIY devices; the DCH-B112 Smart Door/Window Sensor and the DCH-B122 Smart Motion Sensor, both working as trigger sensors so that you can create automated interactions around your home. Save time to enjoy a safer, more comfortable home.

mydlink Smart DIY

Make building your fully-automated, DIY home security easy with the mydlink Smart DIY Security Starter Kit. As the camera consists of a built-in Smart Hub, it turns into a brain that links your sensors up in a complete security system. So anytime a sensor detects motion or an open door/window, a push notification will be sent to your device by the mydlink app. You can also set automated actions to occur, such as triggering recording on your camera whenever a window opens while you're away from home. And best of all, none of the devices rely on Wi-Fi as it uses Zigbee technology to connect to the hub.

All Your Footage Saved with mydlink Cloud Recording

The mydlink Smart Full HD Wi-Fi Camera with built-in Smart Home Hub lets you record video clips to the Cloud for anytime access. Play back recordings from the Cloud or download footage to your mobile device from anywhere, anytime through the Internet.

Get More Control With mydlink

Set up the Smart DIY Security Starter Kit easily via the free mydlink app. Simply download and install the app on your mobile device and follow the step-by-step instructions to quickly configure your smart home.

Features

- ◆ True Full HD 1080p at 30 fps so you never miss a thing
- ◆ 151° field of view
- ◆ Built-in IR LEDs to capture video in low-light environments, or even in complete darkness up to 5 m (16 ft)
- ◆ Smart Home Compatible² - Works with mydlink, Amazon Alexa and the Google Assistant³
- ◆ Connects using Zigbee[™] technology⁴
- ◆ Record videos⁵ to a microSD card⁶, your phone, or the cloud and view from anywhere
- ◆ Rich Notifications - Receive a snapshot and take action from your lock screen with a tap to call a designated contact
- ◆ Get open/close and motion detection alerts on your phone
- ◆ Sensor Bypass Button allows you to open doors and windows without triggering an alert
- ◆ Tamper detection for greater peace of mind
- ◆ Sensors powered by battery⁷
- ◆ Mounting kit and adhesive tape included

Product Image

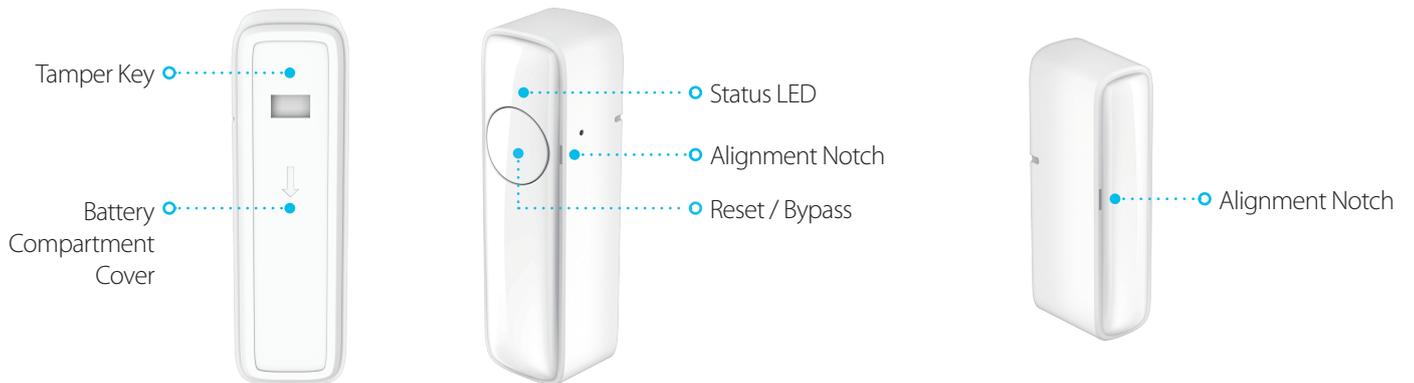
DCS-8330LH || Smart Full HD Wi-Fi Camera with built-in Smart Home Hub



DCH-B112 || Smart Door/Window Sensor

Main Sensor Unit

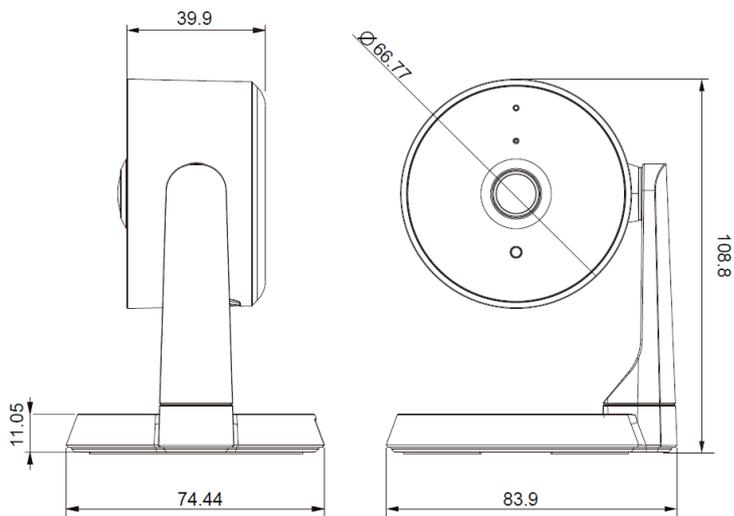
Magnetic Trigger



DCH-B122 || Smart Motion Sensor

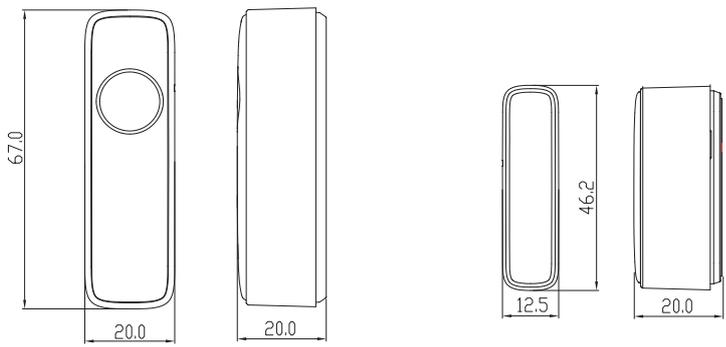


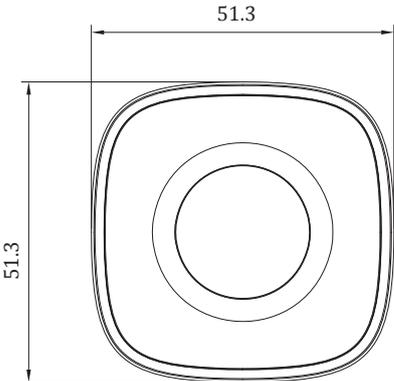
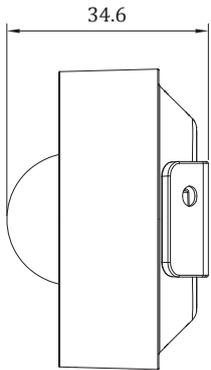
Technical Specifications

DCS-8330LH Smart Full HD Wi-Fi Camera with built-in Smart Home Hub		
Camera		
Hardware Profile	<ul style="list-style-type: none"> • 1/2.7" Progressive CMOS sensor • 5 m (16 ft) IR illumination distance • Minimum illumination: <ul style="list-style-type: none"> • B/W (Night Mode), IR LEDs on: 0 lux • Built-in Infrared-Cut Removable (ICR) Filter • Lens focal length 3.0 mm 	<ul style="list-style-type: none"> • Aperture F2.0 • Angle of view (16:9): <ul style="list-style-type: none"> • Horizontal: 126° • Vertical: 63° • Diagonal: 151° • Built-in microphone • Built-in speaker
Image Features	<ul style="list-style-type: none"> • Configurable image size • Person Detection • Multi-zone Motion Detection (up to 4 zones) 	<ul style="list-style-type: none"> • Priority Zone • Boundary-Crossing Detection
Video Support	<ul style="list-style-type: none"> • H.264 format compression 	<ul style="list-style-type: none"> • Max. Resolution: 1080p (1920 x 1080) at up to 30 fps
Audio Support	<ul style="list-style-type: none"> • MPEG-2 AAC LC 	
Network		
Connectivity	<ul style="list-style-type: none"> • 802.11n/g wireless with the latest industry-standard 128-bit wireless encryption • Wi-Fi operates on the 2.4 GHz band 	<ul style="list-style-type: none"> • Bluetooth Low Energy 4.0 • Zigbee 3.0
Network Protocols	<ul style="list-style-type: none"> • IPv4, IPv6 • DHCP Client • Bonjour (mDNS and DNS-SD) • ONVIF Profile S 	<ul style="list-style-type: none"> • RTSP • RTCP • RTP/SRTP • HTTPS
System Integration		
Event Management	<ul style="list-style-type: none"> • Moving object detection • Person detection • Sound detection • Cloud recording • SD card recording 	<ul style="list-style-type: none"> • Push Notifications with a snapshot when the device detects motion/people/sound • Push Notifications with quick action buttons: <ul style="list-style-type: none"> • Call up to 2 designated contact numbers • Live view button
Device Management	<ul style="list-style-type: none"> • mydlink app 	
Physical		
Environment	<ul style="list-style-type: none"> • For indoor use only 	
Dimensions	<ul style="list-style-type: none"> • 83.9 x 74.4 x 108.8 mm (3.3 x 2.9 x 4.3 in) 	

Weight	• 140 g (4.9 oz)	
Power Adaptor	• Input: 100 to 240 V AC, 50/60 Hz • Output: 5 V DC 2.0 A (Micro-USB)	• Cable length 3 m (9.84 ft)
Power Consumption	• Maximum 7 W ± 5%	
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -20 to 70 °C (-4 to 158 °F)
Humidity	• Operating: 20% to 80% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• CE • LVD • RCM	• FCC Class B • IC • NCC/BSMI

DCH-B112 || Smart Door/Window Sensor

General		
Device Interfaces	• Zigbee wireless • Bypass button	• Reset button • Tamper key
Connectivity	• Zigbee frequency: 2.4 GHz • Zigbee range: 40 m (line of sight)	• Proximity from Main Sensor Unit to Magnetic Trigger detection range: 20 mm
LED	• Status	
Standards	• Zigbee 3.0	• AES 128-bit encryption
Functionality		
Supported Features	• Push notification • The Google Assistant • Amazon Alexa	• Automation • Tamper detection
Device Management	• mydlink app	
Physical		
Dimensions	• Main Sensor Unit: 67.0 x 20.0 x 20.0 mm (2.64 x 0.79 x 0.79 in) 	• Magnetic Trigger: 46.2 x 12.5 x 20.0 mm (1.82 x 0.49 x 0.79 in)
Weight	• Main Sensor Unit: • Including Battery: 24.4 g (0.88 oz) • Excluding Battery: 14 g (0.49 oz)	• Magnetic Trigger: 8.4 g (0.30 oz)
Power	• CR2 800 mAh lithium battery x 1 • Battery Life: 3 years (15 triggers per day)	• DC 3 V
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -20 to 70 °C (-4 to 158 °F)
Humidity	• Operating: 20% to 80% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• FCC • IC • CE	• RCM • Zigbee 3.0 • Amazon Echo Plus

DCH-B122 Smart Motion Sensor		
General		
Device Interfaces	<ul style="list-style-type: none"> Zigbee wireless Reset button 	<ul style="list-style-type: none"> Tamper key
Connectivity	<ul style="list-style-type: none"> Zigbee frequency: 2.4 GHz 	<ul style="list-style-type: none"> Zigbee range: 40 m (line of sight)
LED	<ul style="list-style-type: none"> Status 	
Standards	<ul style="list-style-type: none"> Zigbee 3.0 	<ul style="list-style-type: none"> AES 128-bit encryption
Functionality		
Supported Features	<ul style="list-style-type: none"> Push notification Amazon Alexa 	<ul style="list-style-type: none"> Automation Tamper detection
Device Management	<ul style="list-style-type: none"> mydlinkapp 	
Physical		
Dimensions	<ul style="list-style-type: none"> 51.3 x 51.3 x 34.6 mm (2.02 x 2.02 x 1.36 in) <div style="display: flex; justify-content: space-around; align-items: center;">   </div>	
Weight	<ul style="list-style-type: none"> Including Battery: 44 g (1.55 oz) 	<ul style="list-style-type: none"> Excluding Battery: 37.5 g (1.33 oz)
Power	<ul style="list-style-type: none"> CR2450, 500 mAh lithium battery x 1 Battery Life: 2 years (15 triggers per day) 	<ul style="list-style-type: none"> DC 3 V
Temperature	<ul style="list-style-type: none"> Operating: 0 to 40 °C (32 to 104 °F) 	<ul style="list-style-type: none"> Storage: -20 to 70°C (-4 to 158 °F)
Humidity	<ul style="list-style-type: none"> Operating: 20% to 80% non-condensing 	<ul style="list-style-type: none"> Storage: 5% to 95% non-condensing
Certifications	<ul style="list-style-type: none"> FCC IC CE 	<ul style="list-style-type: none"> RCM Zigbee 3.0 Amazon Echo Plus

¹ The built-in hub is not compatible with devices from other manufacturers. ² Please visit www.dlink.com/mydlink for more information on mydlink products that support Smart Home functionality. ³ Alexa service and the Google Assistant may not be available in all regions. ⁴ This device connects using Zigbee technology and requires a mydlink Hub or Amazon Echo Plus device to communicate with your home network. D-Link makes no guarantees of interoperability with devices from other manufacturers. ⁵ Use of audio or video equipment for recording the image or audio of a person without their knowledge and consent is prohibited in certain states or jurisdictions. The end-user assumes all liability for compliance with applicable state, local and federal laws. ⁶ microSD card not included. Supports capacity up to 256GB. ⁷ The Smart Door/Window Sensor has a up to 3 year battery life based on 15 detections per day with an open or close being counted as one detection. The Smart Motion Sensor has a up to 2 year battery life based on 15 detections per day.