



User Manual

Omna 180Cam HD

DSH-C310

Preface

D-Link reserves the right to revise this publication and to make changes in the content hereof without obligation to notify any person or organization of such revisions or changes. Information in this document may become obsolete as our services and websites develop and change.

Manual Revisions

Revision	Date	Description
1.0	December 14, 2016	DSH-C310 Revision A1 with firmware version 1.00

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Product Overview

Package Contents

- DSH-C310 Omna 180Cam HD
- Power Adapter
- Quick Start Guide

If any of the above items are missing, please contact your reseller.



System Requirements

- iPhone, iPad, or iPod Touch capable of running iOS 10 or higher
- Apple TV (4th generation) or iPad running iOS 10 or higher is required for remote access

Hardware Overview



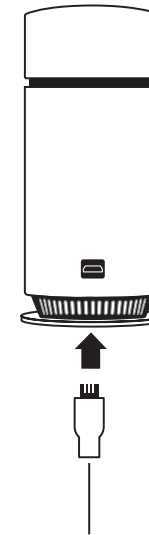
1	IR LEDs (behind cover)	Infrared LEDs illuminate the camera's field of view at night
2	Light Sensor	Detects ambient light to automatically switch between day and night mode
3	Microphone	Picks up audio from surrounding area
4	180-Degree Camera Lens	Fixed lens to record video of the surrounding area
5	Status LED	Indicates the connection status of the camera
6	MicroUSB Port (for power)	Connects to the power adapter
7	microSD Card Slot	Insert a microSD card to record video when motion is detected
8	Reset Button	Press and hold for 10 seconds to reset camera back to the factory default settings

Installation

Getting Started

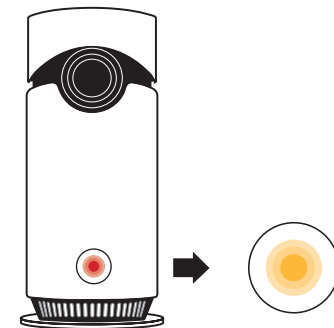
Step 1

Connect the power adapter to your camera and plug the adapter in to a power outlet.



Step 2

Wait about a minute until the LED on the camera changes from red to blinking orange.



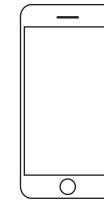
Section 2: Installation

Step 3

Download the **Omna** app from the App Store to your iPhone or iPad.



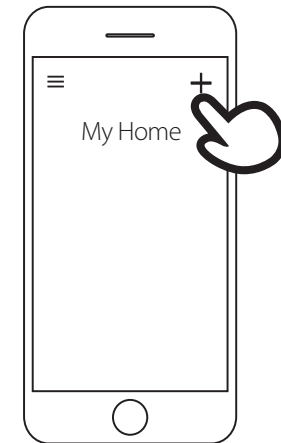
omna



Step 4

Open the **Omna** app and tap on the + in the top-right corner. Follow the instructions to set up and configure your camera.

When asked for your camera's HomeKit Code, refer to the sticker attached to the camera or on the back of the Quick Start Guide included in your package.



Remote Access

In order to access your camera remotely using the Home app, you will need to set up an Apple TV (4th generation) or iPad capable of running iOS 10 or higher to act as your HomeHub.

For more information, visit support.apple.com/HT207057



Settings

To view your camera's settings, open the Omna app, go to the **Settings** menu, tap **Accessory**, then select your camera from the list.

Camera Image: You can tap on the camera icon to change the image used to identify your camera.

Accessory Name: Tap this to change the name used to identify your camera.

Accessory Room: Tap this to change which room the camera is assigned to.

Set to my favorites: Tap this to mark this camera as a favorite for quick access to it.

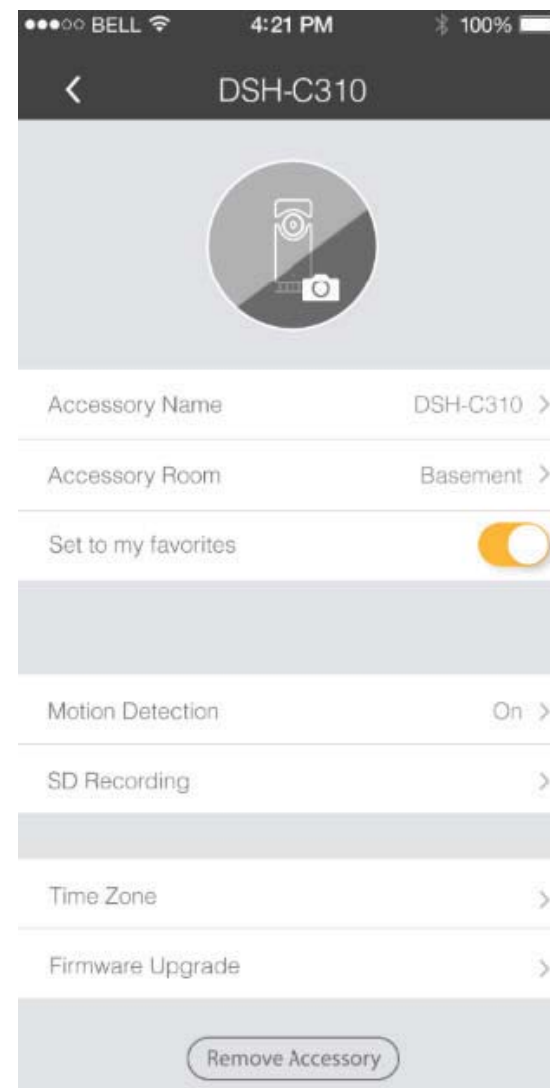
Motion Detection: Tap this to open the motion detection page, where you can enable motion detection, define what areas to monitor, set the motion detection sensitivity, and set the motion retrigger delay.

SD Recording: Tap this to open the SD settings page, where you can enable SD card recording and format an inserted microSD card.

Time Zone: Tap this to set the time zone of the camera. This will help to ensure that the correct time is used when marking recordings.

Firmware Upgrade: Tap this to go to the firmware upgrade page, where you can check for new firmware and upgrade to a newer version if available.

Remove Accessory: Tap this to remove the camera from your account.



Regulatory Information

Federal Communication Commission Interference Statement

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.

Non-modifications Statement:

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

Caution:

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 device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures. For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

Note

The country code selection is for non-USA models only and is not available to all USA models. Per FCC regulations, all WiFi product marketed in the USA must be fixed to USA operational channels only.

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

IMPORTANT NOTICE:

FCC 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 20 cm between the radiator and your body.

This unit to be used with the included power supply.

Innovation, Science and Economic Development Canada (ISED) Statement:

This device complies with ISED licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

(i) the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;

(i) les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

(ii) the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate;

(ii) le gain maximal d'antenne permis (pour les dispositifs utilisant la bande de 5725 à 5 850 MHz) doit être conforme à la limite de la p.i.r.e. spécifiée pour l'exploitation point à point et l'exploitation non point à point, selon le cas;

(iii) Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

(iii) De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5650-5850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL.

Radiation Exposure Statement

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

Déclaration d'exposition aux radiations

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED 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.

NCC 警語：

以下警語適用台灣地區

依據 低功率電波輻射性電機管理辦法

第十二條: 經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條: 低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。