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D-Link DCS-6501LH

D-Link 2K Pan & Tilt Wi-Fi Camera

MODEL: DCS-6501LH USER MANUAL

1. Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your D-Link 2K Pan & Tilt Wi-Fi Camera (DCS-6501LH). Please read these instructions carefully to ensure optimal performance and safety.

Key Features:

- **Crisp 2K Resolution:** 2K 1296p for sharp, detailed video.
- **Pan & Tilt Coverage:** 360-degree view with remote control.
- **Powerful Night Vision:** IR night vision up to 8 meters (26 feet).
- **Auto Motion Tracking:** Automatically follows detected movement.
- **Sound & Motion Detection:** Receive alerts for detected activity.
- **Two-Way Audio:** Built-in microphone and speaker for communication.
- **Cloud & Local Recording:** Supports cloud storage and local microSD card recording.
- **Smart Home Integration:** Compatible with Google Assistant and Amazon Alexa.
- **Enhanced Wi-Fi Security:** Supports WPA3 encryption.

Package Contents:

- D-Link 2K Pan & Tilt Wi-Fi Camera (DCS-6501LH)
- Power Adapter
- Quick Installation Guide



Image 1.1: Front view of the D-Link 2K Pan & Tilt Wi-Fi Camera (DCS-6501LH).

2. Setup

Follow these steps to set up your D-Link DCS-6501LH camera.

2.1 App Installation

1. Download the free **mydlink** app from the App Store (for iOS devices) or Google Play (for Android devices).
2. Install the app on your smartphone or tablet.
3. Launch the mydlink app and follow the on-screen instructions to create an account or log in.

Crisp 2K Resolution

2K 1296p resolution for sharp, detailed video quality



Image 2.1: Screenshot of the mydlink app interface on a smartphone, showing camera listings and app store download options.

2.2 Powering On and Initial Connection

1. Connect the provided power adapter to the camera's power port (located at the back/bottom of the camera).
2. Plug the power adapter into a wall outlet. The camera's LED indicator will light up.
3. Within the mydlink app, tap the '+' icon to add a new device and follow the guided setup process to connect your camera to your home Wi-Fi network.



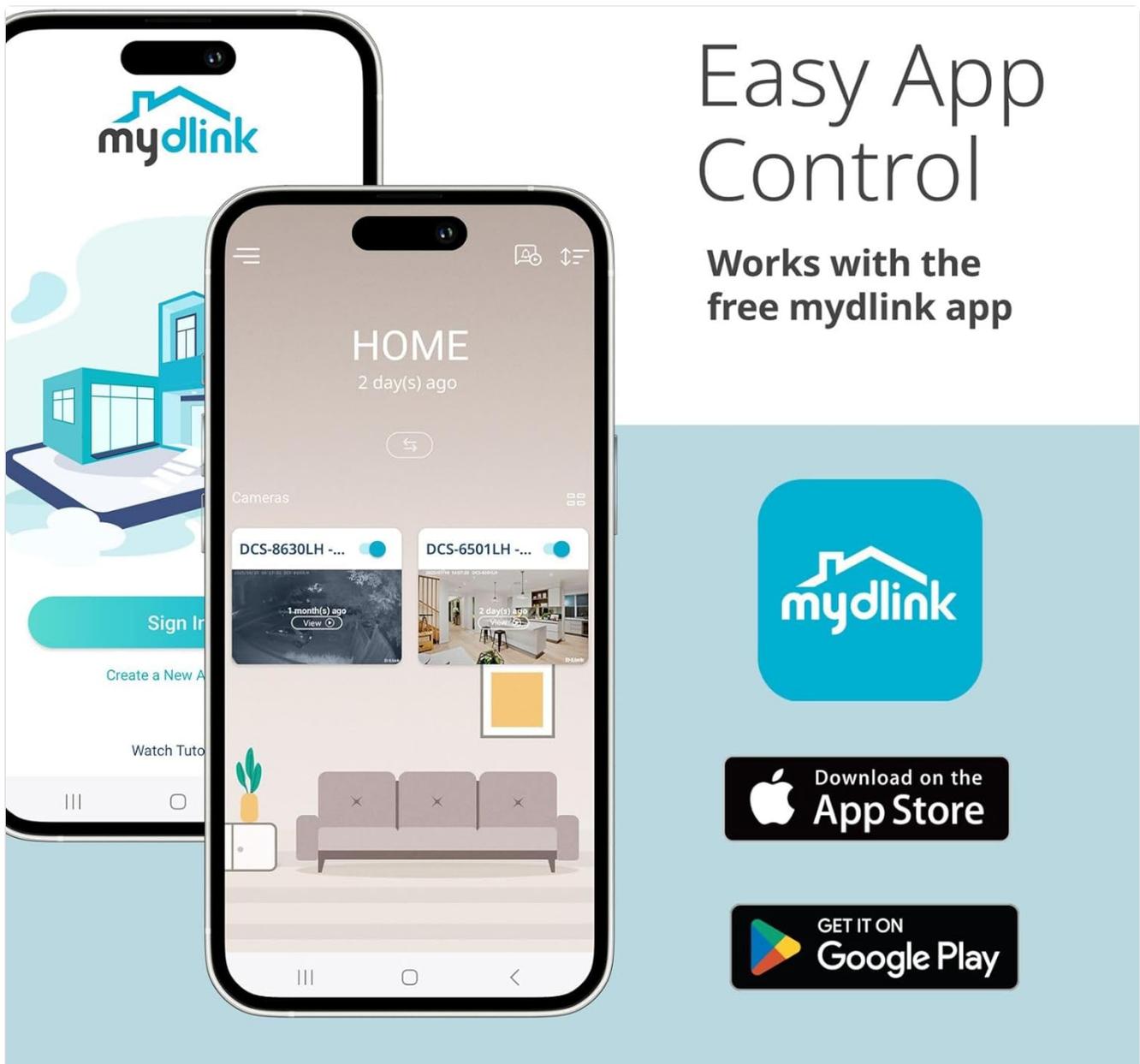
Image 2.2: Rear view of the D-Link camera, highlighting the power port and speaker grille.

2.3 Mounting the Camera

The DCS-6501LH camera is designed for indoor use and can be placed on a flat surface or mounted on a wall.

- **Tabletop Placement:** Place the camera on a stable, flat surface with a clear view of the area you wish to monitor.

- **Wall Mount:** Use the included mounting kit (if applicable) to securely attach the camera to a wall. Ensure the camera is positioned at an optimal height and angle for desired coverage.



The advertisement features two smartphones. The background phone shows the mydlink logo and a building illustration. The foreground phone displays the app's 'HOME' screen, which includes a timestamp '2 day(s) ago', a camera list with 'DCS-8630LH' and 'DCS-6501LH' models, and a live video feed of a living room with a sofa. To the right, the text 'Easy App Control' is prominently displayed, followed by 'Works with the free mydlink app'. Below this, the mydlink logo is shown in a blue rounded square, and two black buttons with white text and logos encourage downloading the app from the 'App Store' and 'Google Play'.

Image 2.3: The D-Link camera discreetly placed on a shelf, demonstrating typical indoor placement.

3. Operating the Camera

Understand the various functions and features of your DCS-6501LH camera.

3.1 Pan & Tilt Functionality

The camera offers a 360-degree panoramic view. Use the mydlink app to remotely control the camera's pan (horizontal) and tilt (vertical) movements. Tap on a specific area in the panorama view to quickly move the camera to that spot.

Smart Detection Alerts

Add new lines of defense to your home surveillance



Sound & Motion Alerts

Receive app alerts when sound or motion is detected, with the ability to adjust sensitivity of detection



Auto Motion Tracking

Automatically follows detected movement across the frame

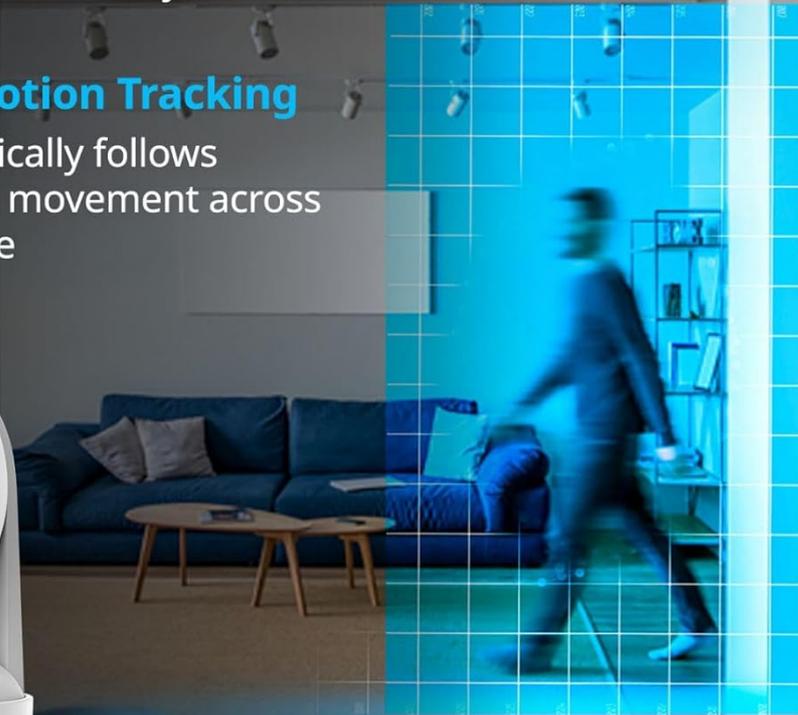


Image 3.1: Visual representation of the camera's pan and tilt capabilities, showing multiple camera angles.

3.2 2K Video Resolution

The camera records and streams video in 2K 1296p resolution, providing clear and detailed images for enhanced monitoring.

DIY - No Monthly Fees

Simply connects to your home Wi-Fi, so no subscriptions to monitor your home



Image 3.2: A side-by-side comparison demonstrating the superior clarity of 2K resolution compared to a lower resolution image.

3.3 Night Vision

Equipped with infrared (IR) LEDs, the camera provides clear night vision up to 8 meters (26 feet), allowing you to monitor your space even in complete darkness.



Image 3.3: A split image showing the difference between a well-lit day view and a clear infrared night view of an indoor space.

3.4 Two-Way Audio

The built-in microphone and speaker enable two-way communication. You can listen to what's happening in the camera's vicinity and speak through the camera using the mydlink app.



Two-Way Audio

**Built-in microphone and speaker
for two-way communication**



Image 3.4: An illustration of the two-way audio feature, depicting a user speaking through the camera to a pet.

3.5 Motion and Sound Detection with Auto Tracking

The camera can detect motion and sound, sending instant alerts to your mydlink app. With auto motion tracking, the camera will automatically follow detected movement within its field of view.



Image 3.5: A visual demonstrating sound and motion detection alerts, along with the auto-motion tracking feature following a person.

3.6 Video Recording (Cloud & Local)

The DCS-6501LH supports both cloud recording (subscription may be required) and local recording to a microSD/SDHC/SDXC card (up to 256 GB, not included). This allows for flexible video storage and playback options.



Video Recording

Cloud Recording

Supports cloud recording* for safe video storage and viewing

Local microSD Storage

microSD/SDHC/SDXC card** slot lets you backup videos and images to a microSD/SDHC/SDXC card

*Subscription required for Cloud Recording

**MicroSD card not included.

Image 3.6: The camera's side view revealing the microSD card slot, alongside icons for cloud and local storage options.

3.7 Smart Home Integration

Integrate your camera with Google Assistant and Amazon Alexa for voice control and smart home automation. For example, you can ask your smart assistant to display the camera feed on compatible devices.

Enhanced Wi-Fi Security

**Supports WPA3™ encryption
for more protection**



Image 3.7: Examples of smart home integration, showing a user interacting with Google Assistant and an Alexa-enabled device displaying camera footage.

3.8 Enhanced Wi-Fi Security

The camera supports WPA3 encryption, providing a more secure connection to your Wi-Fi network and protecting your privacy.



Image 3.8: The D-Link camera accompanied by a security shield icon, representing enhanced Wi-Fi security features.

4. Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your camera.

4.1 Cleaning

- Gently wipe the camera lens and body with a soft, dry, lint-free cloth.

- Do not use liquid cleaners, aerosols, or abrasive solvents, as these can damage the camera.

4.2 Firmware Updates

D-Link periodically releases firmware updates to improve performance, add features, and enhance security. Check the mydlink app or the D-Link support website for available updates and follow the instructions to install them.

4.3 MicroSD Card Management

If using a microSD card for local storage, periodically check its status in the mydlink app. Format the card as needed to maintain optimal recording performance. Ensure the camera is powered off before inserting or removing the microSD card.

5. Troubleshooting

This section addresses common issues you might encounter with your D-Link DCS-6501LH camera.

5.1 Camera Not Connecting to Wi-Fi

- Ensure your Wi-Fi network is 2.4 GHz, as the camera may not support 5 GHz networks.
- Verify that the Wi-Fi password entered in the mydlink app is correct.
- Move the camera closer to your Wi-Fi router to improve signal strength.
- Restart your router and the camera.

5.2 Poor Video Quality

- Check your internet connection speed. A stable and fast connection is required for 2K streaming.
- Ensure the camera lens is clean and free from dust or smudges.
- Adjust the camera's position to avoid direct glare or backlighting.

5.3 Motion/Sound Alerts Not Working

- Verify that motion and sound detection are enabled in the mydlink app settings for your camera.
- Check the sensitivity settings for motion and sound detection; adjust them as needed.
- Ensure app notifications are enabled on your smartphone or tablet.

5.4 Camera Not Responding

- Unplug the power adapter from the camera, wait 10 seconds, and then plug it back in to restart the device.
- If the issue persists, perform a factory reset (refer to the Quick Installation Guide for specific instructions). Note that a factory reset will erase all settings and require re-setup.

6. Specifications

Detailed technical specifications for the D-Link 2K Pan & Tilt Wi-Fi Camera (DCS-6501LH).

Feature	Specification
Model Name	DCS-6501LH
Video Capture Resolution	1296p (2K)

Frame Rate	30 frames per second
Viewing Angle	89 Degrees (Lens)
Night Vision Range	Up to 8 meters (26 feet)
Connectivity Technology	Wireless (Wi-Fi, Bluetooth)
Wireless Communication	Wi-Fi (2.4 GHz), Bluetooth
Special Features	2-Way Audio, Motion Detection, Night Vision, Pan & Tilt, Auto Motion Tracking
Indoor/Outdoor Usage	Indoor
Compatible Devices	Smartphone, Amazon Alexa, Google Assistant
Power Source	Corded Electric
Storage Options	Cloud, Local (microSD/SDHC/SDXC up to 256 GB)
Mounting Type	Wall Mount, Tabletop
Product Dimensions (L x W x H)	8.61 x 8.61 x 11.4 cm
Item Weight	273.97 g

7. Warranty and Support

For warranty information, please refer to the warranty card included with your product or visit the official D-Link website. D-Link provides technical support for its products.

7.1 Technical Support

If you encounter issues that cannot be resolved using this manual, please contact D-Link technical support through their official website or the contact information provided in your product packaging. Have your model number (DCS-6501LH) and serial number ready when contacting support.

Visit the D-Link support page for FAQs, firmware downloads, and further assistance: www.dlink.com/support