

## Product Highlights

### Watch Over More of Your Home, Day and Night

Get instant, whole-room coverage with high definition, 180 degree view and night vision that lets you watch over your home 24 hours a day

### Motion and Sound Detection with Night Vision

Never miss a thing with the ability to be notified when motion or sound is detected. Night vision ensures clear images even in low-light conditions

### mydlink™-enabled Cloud Access

Easy setup, management and remote viewing of your camera through the free mydlink™ app on your mobile device or via the secure mydlink™ web portal



16GB MicroSD card included for motion recording up to 7 days<sup>1</sup>



FORGET PAN, FORGET TILT,  
VIEW EVERYTHING INSTANTLY



## DCS-960L

# HD 180° Panoramic Camera

## Features

### Camera

- High quality 720p HD CMOS sensor for excellent image quality
- Wide angle lens with hardware de-warping for clear whole-room coverage
- Built-in IR LEDs to capture video in low-light environments or even complete darkness

### Security

- Motion detection with configurable detection windows
- Sound level detection
- Send notifications and snapshots or video clips to your e-mail address
- 16GB MicroSD card included, supporting motion recording up to 7 days<sup>1</sup>

### Ease Of Use

- Uses the latest Wireless AC technology so you can install the camera anywhere with ease<sup>2</sup>
- Backwards compatible with 802.11n/g/a
- WPS support for easy wireless connection
- UPnP & DDNS support

### mydlink Functionality

- mydlink enabled so you can check on your camera anytime, anywhere
- View and manage your camera through the mydlink website
- Supports the mydlink Lite and mydlink+ apps for remote viewing on your mobile device

The DCS-960L HD 180° Panoramic Camera is a revolutionary camera offering a horizon-wide view that easily captures your entire room, wall-to-wall, in high-quality 720p. Built-in night vision, video recording, motion/sound detection and the ability to view and control from your smartphone, tablet or computer, allows you to keep an eye on what matters, day or night.

## Peace of Mind with 24/7 Complete Coverage

Unlike traditional cameras, the DCS-960L uses an ultra-wide view lens to give you a full 180° field of view, letting you cover an entire room with a single camera. Forget about pan and tilt cameras, view everything instantly in real-time. Built-in de-warping technology gives you a distortion-free image and the 720p HD sensor captures fine details with ease. Send e-mail notifications with snapshots or video clips whenever motion or sound is detected using just the DCS-960L and an Internet connection. Define areas of your camera's video to monitor for motion, and set volume limits to detect when a sound is picked up by the camera. Night time monitoring with the built-in infrared LEDs allow for viewing of up to 5 metres in complete darkness, enabling round-the-clock monitoring of a home or office.

A pre-installed 16Gb microSD card allows you to record videos directly onto the camera, without the need of a computer. You can setup the camera to record only when motion is detected for up to 7 days<sup>1</sup>. The camera can also send e-mail alerts whenever motion is detected.

## Wireless AC for Speed and Reliability

When setting up a surveillance camera, you need to make sure that it can provide smooth video wherever you decide to install it. DCS-960L offers Wireless AC connectivity and takes advantage of the latest Wi-Fi technology to give you a high bandwidth connection<sup>2</sup>. Not only does this offer smooth HD video streaming from your camera, it also provides more flexibility on where the camera can be placed.

## mydlink™: The Easiest Way to Set up your Camera and Monitor your Home

Connecting a camera on your network and accessing it has traditionally required complex configuration. mydlink™ makes it easy to access your camera from wherever you are, whenever it's convenient for you. Using the free mydlink™ Lite app for iOS and Android smartphones and tablets, you can connect and setup your mydlink™ camera without even turning on a computer. A step-by-step guide will have your camera up and running in a matter of minutes. Through the mydlink™ Lite app, you can set up a free mydlink™ account which allows you to view and manage your camera from any Internet connected computer. If you have more than one camera, you can add it to your existing mydlink™ account and watch all your cameras from a single location.

Accessing your cameras on the go is easy too. Just download the free mydlink™ Lite app for your iPhone or Android device and you can quickly and easily view your camera feed from anywhere with a wireless or 3G/4G LTE connection. Thanks to this app, you can monitor on-the-go even if you don't have access to a computer.

### mydlink™ Lite App

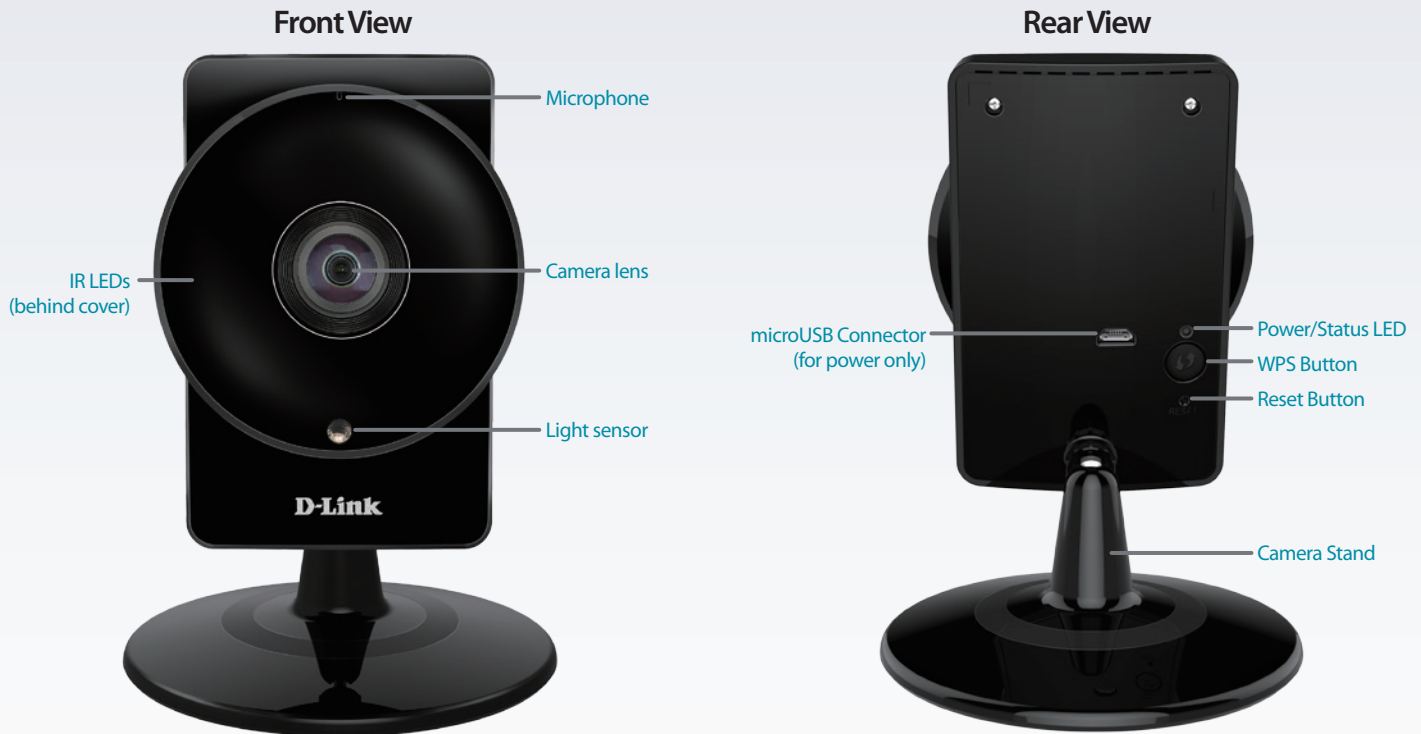


With the free mydlink™ Lite app for iOS, Android and Windows Phone devices you can quickly and easily monitor your home or office anywhere with a Wi-Fi or mobile Internet connection.

## See more of your home with Ultra-Wide 180° viewing



**Easy setup, flexible placement,  
access from anywhere at any time**



## Technical Specifications

### Camera

Camera Hardware Profile	<ul style="list-style-type: none"> <li>• 1/2.7" Megapixel progressive CMOS sensor</li> <li>• 5 metre IR illumination distance</li> <li>• Minimum illumination: <ul style="list-style-type: none"> <li>• Color (Day Mode), IR LEDs off: 0.5 lux</li> <li>• B/W (Night Mode), IR LEDs off: 0.1 lux</li> <li>• B/W (Night Mode), IR LEDs on: 0 lux</li> </ul> </li> <li>• Built-in Infrared-Cut Removable (ICR) Filter module</li> <li>• 8X digital zoom</li> <li>• Fixed length 1.72 mm</li> </ul>	<ul style="list-style-type: none"> <li>• Aperture F2.0</li> <li>• Angle of view <ul style="list-style-type: none"> <li>• (H) 180°</li> <li>• (V) 120°</li> <li>• (D) 180°</li> </ul> </li> <li>• Image de-warping</li> <li>• Minimum object distance: 500 mm</li> <li>• Built-in Microphone</li> </ul>
Image Features	<ul style="list-style-type: none"> <li>• Configurable image size, quality, frame rate, and bit rate</li> <li>• Configurable brightness, contrast, sharpness, saturation, and hue</li> </ul>	<ul style="list-style-type: none"> <li>• Configurable motion detection windows</li> <li>• Time stamp and text overlays</li> </ul>
Video Compression	<ul style="list-style-type: none"> <li>• Simultaneous H.264/MJPEG format compression</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, 800 x 600, 720 x 480, 640 x 480, 640 x 360, 320 x 240 at up to 30 fps</li> </ul>	
Audio Compression	<ul style="list-style-type: none"> <li>• G.711</li> </ul>	
External Interfaces	<ul style="list-style-type: none"> <li>• 802.11ac/n/g/a wireless with WEP/WPA/WPA2 encryption</li> <li>• Operates on 2.4 GHz and 5 GHz bands</li> </ul>	<ul style="list-style-type: none"> <li>• MicroSD/SDHC card slot (16GB included)</li> <li>• Maximum data rate of 433 Mbps (PHY rate) <sup>2</sup></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> <li>• FTP Client</li> </ul>	<ul style="list-style-type: none"> <li>• HTTP Server</li> <li>• PPPoE</li> <li>• RTP, RTSP, RTCP</li> <li>• UPnP Port Forwarding</li> <li>• HTTPS for configuration</li> <li>• Bonjour</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>

# DCS-960L HD 180° Panoramic Camera

System Integration		
System Requirements for Web Interfaces	<ul style="list-style-type: none"> <li>Operating system: Microsoft Windows 10/8/7 or Mac OS X 10.7 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Browser: Internet Explorer 8, Firefox 12, or Safari 6 or higher</li> </ul>
Event Management	<ul style="list-style-type: none"> <li>Motion detection</li> <li>Sound level detection</li> </ul>	<ul style="list-style-type: none"> <li>Event notification and uploading of snapshots/video clips via SMTP or FTP</li> </ul>
Remote Management	<ul style="list-style-type: none"> <li>Configuration accessible via web browser</li> </ul>	
Mobile support	<ul style="list-style-type: none"> <li>mydlink Lite app for iPhone, iPad, iPod Touch, Android, and Windows</li> </ul>	<ul style="list-style-type: none"> <li>mydlink+ app for iPad and Android</li> </ul>
General		
Dimensions	<ul style="list-style-type: none"> <li>137.5 x 95.8 x 95.8 mm</li> </ul>	
Weight	<ul style="list-style-type: none"> <li>165.0 grams</li> </ul>	
Power	<ul style="list-style-type: none"> <li>5 V DC, 2.0 A, 50/60 Hz</li> </ul>	
Power Consumption	<ul style="list-style-type: none"> <li>4.8 watts maximum <math>\pm</math> 5%</li> </ul>	
Temperature	<ul style="list-style-type: none"> <li>Operating: 0 to 40 °C (32 to 104 °F)</li> </ul>	<ul style="list-style-type: none"> <li>Storage: -20 to 70° C (-4 to 158 °F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>Operating: 20% to 80% non-condensing</li> </ul>	<ul style="list-style-type: none"> <li>Storage: 20% to 80% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>CE</li> <li>CE LVD</li> <li>FCC Class B</li> </ul>	<ul style="list-style-type: none"> <li>ICES</li> <li>C-Tick</li> </ul>
Dimensions Diagram		

<sup>1</sup> Based on 5 hours of motion detection per day at a constant bitrate of 1 Mbps. Camera is compatible with microSD/SDHC/SDXC cards up to v3.01. Camera is not compatible with v4.x cards.

<sup>2</sup> Wireless AC router recommended. Maximum wireless signal rate derived from IEEE standard 802.11ac specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors may adversely affect wireless signal range.



For more information: [www.dlink.com](http://www.dlink.com)

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