

DCS-8100LH

# HD 180 Degree Wi-Fi Camera



## Product Highlights



**High Definition Clarity**  
720p HD quality video



**Cloud Recording**  
Automatically back up video clips to the cloud for anytime access



**180 Degree Panoramic View**  
Ultra-wide angle to capture everything

## Your Home, Only Smarter.

The DCS-8100LH HD 180 Degree Wi-Fi Camera is a compact wireless network camera suitable for day and night-time environments. It features built-in night vision, motion and sound detection, and a free mobile app — so you can feel at ease when you're away from home.

### Designed to Fit Your Needs

The DCS-8100LH is designed with adjustability in mind: pivot, tilt, and rotate to your monitoring needs, no matter where you put it. The unique fold-out lens lets you quickly adjust the angle of view — perfect for tabletop, wall, and ceiling placement. Convenience features such as built-in wireless means you don't have to run an Ethernet cable for network access to the camera. Camera setup is also a breeze with the free mydlink™ app and Bluetooth 4.0. To get started, simply install the app on your mobile device and with a few taps the wizard will guide you through the entire setup process.

### Comprehensive Feature Set

Despite its small size, the DCS-8100LH has all the features you need to monitor your home. An ultra-wide lens provides a 180-degree panoramic view so you can monitor an entire space using one camera. Onboard Wireless N provides extended range and higher bandwidth while still staying compatible with older wireless devices — for smooth 720p HD video streams on any device. Built-in motion detection automatically starts recording if something is moving, and loud sounds picked up by the microphone can also trigger recording and instant notifications. You can even talk to family members using the built-in microphone and speaker while viewing them on your screen. Night-time monitoring is made possible with the built-in infrared LEDs which allow for night-time viewing of up to 5 meters (16 feet), so you can relax knowing you have 24/7 monitoring of your home or small office.

### Access Anywhere Using the Mobile App

Enhanced with mydlink support, the DCS-8100LH makes it easier and more convenient for you to look after your family and check on your home or office. With a mydlink-enabled camera, you can stay up-to-date with notifications and check in on those you love at any time. Access your camera using the mydlink mobile app and you can view and manage your camera using your mobile phone, no matter where you are.

## Features

- ◆ High-quality 720p HD sensor provides detailed snapshots and crisp video
- ◆ Bluetooth 4.0 support for quick and easy setup
- ◆ Built-in IR LEDs to capture video in low-light environments or even complete darkness up to 5m (16 ft)
- ◆ Pinch to zoom allows for closer looks on what is happening in the room
- ◆ Built-in microphone and speaker for two-way communication
- ◆ Motion and sound level detection
- ◆ H.264 support for the best video streaming performance
- ◆ microSD card slot lets you backup video to a flash card
- ◆ View and manage your camera using the mydlink™ app
- ◆ Connects to your wireless network so you can easily install the camera anywhere you have Wi-Fi access
- ◆ Wireless N with backwards compatibility with 802.11g/b devices
- ◆ AES128-encrypted video and audio streaming

## Anytime, Anywhere Access with mydlink™ Cloud Recording

Enhanced with mydlink cloud recording support, the DCS-8100LH makes it easy and convenient for you to look after your family and check up on your home or office. With a mydlink cloud recording subscription, you can have peace of mind with automated backups of your video recordings to a cloud server. Play back recordings from the cloud or download video clips to your mobile device from anywhere, anytime through the Internet. Access real-time live views of your cameras using the mydlink mobile app and set automated schedules via your mobile device, no matter where you are.

## Product Images

Front View



Back View



## Technical Specifications

Camera		
Hardware Profile	<ul style="list-style-type: none"> <li>• 1/2.7" progressive CMOS sensor</li> <li>• Minimum illumination:                             <ul style="list-style-type: none"> <li>• B/W (Night Mode), IR LEDs on: 0 lux</li> </ul> </li> <li>• Minimum object distance: 50 cm</li> <li>• Lens focal length: 1.8 mm</li> <li>• Aperture: F2.2</li> <li>• 5 m (16 feet) IR illumination distance</li> </ul>	<ul style="list-style-type: none"> <li>• Angle of view (16:9):                             <ul style="list-style-type: none"> <li>• Horizontal: 180°</li> <li>• Vertical: 80°</li> <li>• Diagonal: 180°</li> </ul> </li> <li>• Built-in Infrared-Cut Removable (ICR) Filter</li> <li>• Built-in microphone</li> <li>• Built-in speaker</li> </ul>
Image Features	<ul style="list-style-type: none"> <li>• Configurable sound detection level</li> </ul>	<ul style="list-style-type: none"> <li>• Configurable video resolution</li> <li>• Configurable motion detection windows</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>• Main Profile: 720p (1280 x 720) at up to 30 fps</li> </ul>	<ul style="list-style-type: none"> <li>• Second Profile: VGA (640 x 352) at up to 30 fps</li> </ul>
Audio Support	<ul style="list-style-type: none"> <li>• AAC</li> </ul>	
Network		
Connectivity	<ul style="list-style-type: none"> <li>• 802.11n/g/b wireless with WPA/WPA2 encryption</li> <li>• Operates on 2.4 GHz band</li> <li>• microSD card slot<sup>2</sup></li> </ul>	<ul style="list-style-type: none"> <li>• Single-band 1T1R mode supports a maximum data rate of 72.2 Mbps (PHY rate) using 20 MHz bandwidth<sup>1</sup></li> <li>• Bluetooth 4.0</li> </ul>
Network Protocols	<ul style="list-style-type: none"> <li>• IPv4, IPv6, ARP, TCP, UDP, ICMP</li> <li>• DHCP client</li> </ul>	<ul style="list-style-type: none"> <li>• Bonjour</li> <li>• HTTPS</li> </ul>

System Integration		
Event Management	<ul style="list-style-type: none"> <li>• Motion detection</li> <li>• Sound detection</li> <li>• Cloud recording</li> <li>• SD card recording</li> </ul>	<ul style="list-style-type: none"> <li>• Manually taken snapshots and video clips saved to mobile device</li> <li>• Push notification</li> </ul>
Mobile Support	<ul style="list-style-type: none"> <li>• mydlink mobile app for iPhone, iPad, iPod touch, and Android devices</li> </ul>	
Physical		
Environment	<ul style="list-style-type: none"> <li>• For indoor use only</li> </ul>	
Weight	<ul style="list-style-type: none"> <li>• 155.3 g (5.48 oz) ± 5%</li> </ul>	
Power Adapter	<ul style="list-style-type: none"> <li>• Input: 100 to 240 V AC, 50/60 Hz</li> </ul>	<ul style="list-style-type: none"> <li>• Output: 5 V DC 2 A (Micro-USB)</li> </ul>
Power Consumption	<ul style="list-style-type: none"> <li>• Maximum: 7.8 W ± 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>	
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>• RCM</li> </ul>
Dimensions (L x W x H)	<ul style="list-style-type: none"> <li>• 65.88 x 103.22 x 91.19 mm (2.59 x 4.06 x 3.59 in)</li> </ul>	
Dimensions Diagram	<p>The diagram illustrates the physical dimensions of the DCS-8100LH camera. The front view shows a circular lens with a diameter of 66.79 mm. The camera's body has a width of 65.88 mm and a total height of 91.19 mm. The side view shows a depth of 36.52 mm and a total width of 103.22 mm.</p>	
Order Information		
Part Number	Description	
DCS-8100LH	HD 180 Degree Wi-Fi Camera	

<sup>1</sup> Maximum wireless signal rate derived from IEEE standard 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.

<sup>2</sup> Camera is compatible with microSD/SDHC/SDXC cards up to v3.01. Camera is not compatible with v4.x cards.