# DCS-8100LH

# HD 180 Degree Wi-Fi Camera


mydlink

## Product Highlights

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

**Sound & Motion Detection**
Receive alert notifications

**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 Lite 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 Lite mobile app and you can view and manage your camera using your mobile phone, no matter where you are.

## Features

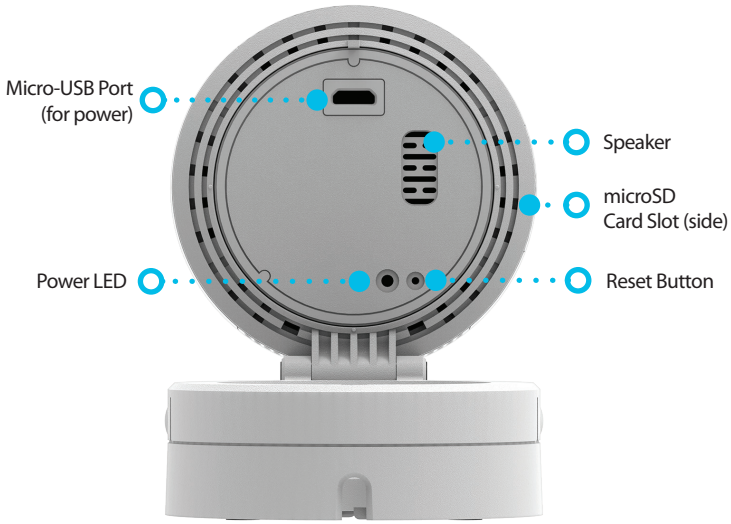
- High quality 720p HD resolution
- 180-degree viewing angle
- One-megapixel sensor
- Bluetooth setup
- Built-in IR LEDs to capture video in complete darkness
- Built-in microphone and speaker for two-way communication
- Motion and sound level detection
- H.264 support for the best video streaming performance
- microSD card slot lets you backup video and images to a flash card
- View and manage your camera remotely using the handy mydlink Lite 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
- mydlink Lite app lets you send notifications, snapshots, and video clips to your mobile device

# DCS-8100LH HD 180 Degree Wi-Fi Camera

## Product Images

### Front View


### Back View




## Technical Specifications

| | | |
|---|---|---|
| **Camera** | | |
| Camera Hardware Profile | • 1/2.7" progressive CMOS sensor<br>• Minimum illumination:<br>  • B/W mode (LEDs on): 0 lux<br>• Minimum object distance: 50 cm<br>• Lens focal length: 1.8 mm<br>• Aperture: F2.2<br>• 5 m (16 feet) IR illumination distance | • Angle of view:<br>  • Horizontal: 180°<br>  • Vertical: 80°<br>  • Diagonal: 180°<br>• Built-in Infrared-Cut Removable (ICR) Filter<br>• Built-in microphone and speaker |
| Image Features | • 4x Digital zoom<br>• Configurable sound detection level<br>• Time stamp and text overlay | • Configurable resolution<br>• Configurable motion detection windows |
| Video Compression | • H.264 / MJPEG format compression<br>• H.264 streaming | • JPEG for still images |
| Video Resolution | • 1280 x 720 at up to 30 fps | |
| Audio Support | • AAC (32 kbps) | |
| **Network** | | |
| Connectivity | • 802.11n/g/b wireless with WPA/WPA2 encryption<br>• Operates on 2.4 GHz band<br>• microSD card slot | • Single-band 1T1R mode supports a maximum data rate of 72.2 Mbps (PHY rate) using 20 MHz bandwidth |
| Network Protocols | • IPv4, IPv6, ARP, TCP, UDP, ICMP<br>• DHCP client | • RTP/RTSP<br>• MPEG2.TS |

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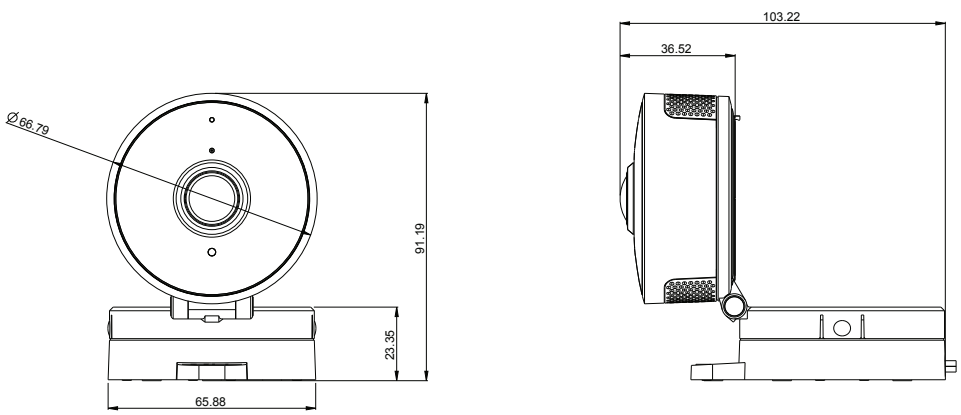
| System Integration | | |
|---|---|---|
| Event Management | • Motion detection<br>• Sound level detection<br>• Event recording to an SD card | • Event notification and snapshot/video clip uploads to mobile device |
| Mobile Support | • mydlink Lite mobile app for iPhone, iPad, iPod touch, and Android devices | |

| Physical | | |
|---|---|---|
| Weight | • 155.3 grams (5.48 ounces) ± 5% | |
| Power Adapter | • Input: 100 to 240 V AC, 50/60 Hz | • Output: 5 V DC 2 A (Micro-USB) |
| Power Consumption | • Maximum: 7.8 watts ± 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 | |
| Certifications | • CE<br>• CE LVD<br>• FCC | • ICES<br>• RCM |
| Dimensions Diagram |  | |

| Order Information | |
|---|---|
| *Part Number* | Description |
| DCS-8100LH | HD 180 Degree Wi-Fi Camera |

[1] 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.

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Updated 2017/09/05
DCS-8100LH_A1_DATASHEET_01(DI)