

## Product Highlights

### HD Image Quality and Detail

A high-resolution megapixel sensor provides 720p HD resolution images and video to ensure that you capture the details you need

### All-Day Outdoor Surveillance

A built-in ICR filter and IR illuminator let you monitor an area 24 hours a day, and the weatherproof housing protects the camera from the elements

### mydlink-enabled Cloud Access

Easy remote viewing and management of your camera on your mobile device or through the mydlink website



## DCS-2310L

# HD PoE Outdoor Cube Network Camera

## Features

### Camera

- 1/4" 1 Megapixel progressive scan CMOS sensor
- Fixed lens: 3.45 mm F2.0
- IP-65 weatherproof housing
- Built-in infrared-cut removable (ICR) filter for all-day surveillance
- Built-in IR LED illuminator for use in dark areas
- ONVIF compliant

### Connections

- 10/100 Fast Ethernet port with PoE
- microSD card slot for onboard storage

### Image & Video

- HD resolution (1280 x 720)
- H.264 and Motion JPEG compression
- ePTZ viewing
- Simultaneous multi-stream support
- Privacy Mask feature
- Supports multiple access lists
- Built-in Samba client for saving to a NAS

The DCS-2310L HD PoE Outdoor Cube Network Camera is a mydlink-enabled IP surveillance outdoor camera that lets you monitor an area 24 hours a day.

## 24/7 HD Surveillance

The DCS-2310L is built with a megapixel image sensor to give you high-quality snapshots and video with resolutions up to 720p HD. This gives you sharp, high-resolution snapshots and videos with rich detail. Get a closer look with ePTZ, which lets you zoom in, zoom out, and pan across your camera's video so you can survey a large area easily.

An infrared cut removable (ICR) filter is also built into the DCS-2310L, which blocks infrared light during the day for improved image quality. At night, it moves out of the way to use all available light for low-light surveillance, and paired with the IR LED illuminator, this camera can monitor an area even in complete darkness.

## Built for the Outdoors

Specially built for outdoor use, the DCS-2310L has an IP-65 weatherproof housing that protects it from dirt and rain. A Power over Ethernet (PoE) port allows you to connect the camera to your network and power it through a single cable, simplifying deployment and doing away with the need for a nearby power outlet.

## Anywhere Access with mydlink

The HD PoE Outdoor Cube Network Camera is mydlink-enabled, which means that you can access and configure your camera remotely, no matter where you are. See your camera's live view through the mydlink website, or download the mydlink mobile app and view your camera directly on your iOS or Android mobile device. Keep an eye on your home while you're at work, or check on the office when you're out on the road; mydlink makes it all possible.

## Zero Configuration

If you have a mydlink-enabled Cloud Router, setting up and configuring your DCS-2310L is a snap, thanks to Zero Configuration. Simply connect your camera to its power adapter and then connect your camera to your Cloud Router with an Ethernet cable - the camera will automatically be added to your account. mydlink does the hard work for you, allowing even novice users to set up and use their mydlink-enabled cameras immediately.

## Built for Versatility

The DCS-2310L comes with a wealth of features that enhance its surveillance capabilities, making it ideal for any situation. A passive infrared (PIR) sensor detects motion near the camera, allowing it to automatically record video and send you a notification when motion is detected.

## A Complete, Expandable Surveillance Solution

The DCS-2310L is a self-sufficient surveillance solution, capable of recording snapshots and video to a microSD card without requiring a PC or network storage device.

If you want to expand your surveillance options, D-ViewCam management software is also included, giving you the ability to manage up to 32 cameras with a robust set of features, including multi-camera views and automated e-mail alerts to keep you informed of suspicious or unusual activities.

## Technical Specifications

### Camera

Camera Hardware Profile	<ul style="list-style-type: none"> <li>• 1/4" 1 Megapixel progressive scan CMOS sensor</li> <li>• 5 meter IR illumination distance</li> <li>• Minimum illumination:               <ul style="list-style-type: none"> <li>• 1.0 lux / F2.0 (color)</li> <li>• 0.5 lux / F2.0 (B&amp;W)</li> <li>• 0 lux (IR LED on)</li> </ul> </li> <li>• Built-in Infrared-Cut Removable (ICR) Filter module</li> <li>• Built-in PIR sensor (5 meter)</li> <li>• Built-in microphone</li> </ul>	<ul style="list-style-type: none"> <li>• 10x digital zoom</li> <li>• Exposure time: 1/7.5 to 1/10,000 sec.</li> <li>• Focal length: 3.45 mm</li> <li>• Aperture: F2.0</li> <li>• Minimum object distance: 500 mm</li> <li>• Angle of view:               <ul style="list-style-type: none"> <li>• (H) 60°</li> <li>• (V) 36°</li> <li>• (D) 70°</li> </ul> </li> </ul>
Camera Housing	<ul style="list-style-type: none"> <li>• IP-65 compliant weatherproof housing</li> </ul>	
Image Features	<ul style="list-style-type: none"> <li>• Configurable image size, quality, frame rate, and bit rate</li> <li>• Time stamp and text overlays</li> <li>• Configurable motion detection windows</li> </ul>	<ul style="list-style-type: none"> <li>• Configurable privacy mask zones</li> <li>• Configurable shutter speed, brightness, saturation, contrast, and sharpness</li> </ul>
Video Compression	<ul style="list-style-type: none"> <li>• Simultaneous H.264/MJPEG format compression</li> <li>• H.264 multicast streaming</li> </ul>	<ul style="list-style-type: none"> <li>• JPEG for still images</li> </ul>
Video Resolution	<ul style="list-style-type: none"> <li>• 16:9 - 1280 x 720, 800 x 448, 640 x 360, 480 x 272, 320 x 176 up to 30 fps<sup>1</sup></li> </ul>	<ul style="list-style-type: none"> <li>• 4:3 - 960 x 720, 800 x 592, 640 x 480, 480 x 352, 320 x 240 up to 30 fps<sup>1</sup></li> </ul>
Audio Support	<ul style="list-style-type: none"> <li>• AAC</li> </ul>	<ul style="list-style-type: none"> <li>• G.711</li> </ul>
External Device Interfaces	<ul style="list-style-type: none"> <li>• 10/100 BASE-TX Fast Ethernet port</li> <li>• Supports 802.3af PoE Class 2</li> </ul>	<ul style="list-style-type: none"> <li>• microSD card slot<sup>2</sup></li> </ul>

### Network

Network Protocols	<ul style="list-style-type: none"> <li>• IPv6</li> <li>• IPv4</li> <li>• ARP</li> <li>• TCP/IP</li> <li>• UDP</li> <li>• 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> <li>• HTTP / HTTPS</li> <li>• Samba client</li> </ul>	<ul style="list-style-type: none"> <li>• PPPoE</li> <li>• UPnP</li> <li>• UPnP port forwarding</li> <li>• RTP/RTSP/RTCP</li> <li>• IP filtering</li> <li>• QoS</li> <li>• CoS</li> <li>• DSCP</li> <li>• Multicast</li> <li>• IGMP</li> <li>• ONVIF compliant</li> <li>• Bonjour</li> <li>• SNMP v1, v2c, v3</li> </ul>
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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>
<b>System Management</b>		
System Requirements for Web Interface	<ul style="list-style-type: none"> <li>Operating System: Microsoft Windows 8/7/Vista/XP or Mac with OS X 10.6 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Browser: Internet Explorer, Firefox, or Safari</li> </ul>
Event Management	<ul style="list-style-type: none"> <li>Motion detection</li> <li>Sound detection</li> <li>Event notification and uploading of snapshots/video clips via e-mail or FTP</li> </ul>	<ul style="list-style-type: none"> <li>Supports multiple SMTP and FTP servers</li> <li>Multiple event notifications</li> <li>Multiple recording methods for easy backup</li> </ul>
Remote Management	<ul style="list-style-type: none"> <li>Take snapshots/video clips and save to local hard drive via web browser</li> </ul>	<ul style="list-style-type: none"> <li>Configuration interface accessible via web browser</li> </ul>
Mobile Support	<ul style="list-style-type: none"> <li>mydlink Lite and mydlink+ mobile apps for iOS and Android mobile devices</li> </ul>	
D-ViewCam™ System Requirements	<ul style="list-style-type: none"> <li>Operating System: Microsoft Windows 8/7/Vista/XP</li> <li>Web Browser: Internet Explorer 7 or higher</li> </ul>	<ul style="list-style-type: none"> <li>Protocol: Standard TCP/IP</li> </ul>
D-ViewCam™ Software Functions	<ul style="list-style-type: none"> <li>Remote management/control of up to 32 cameras</li> <li>Viewing of up to 32 cameras on one screen</li> <li>Scheduled motion triggered, or manual recording options</li> </ul>	<ul style="list-style-type: none"> <li>Supports all management functions in web interface</li> </ul>
<b>Physical</b>		
Weight	<ul style="list-style-type: none"> <li>132 g ± 5% (0.29 lbs)</li> </ul>	
Power	<ul style="list-style-type: none"> <li>5 V DC, 1.2 A through external power adapter or PoE connection</li> </ul>	<ul style="list-style-type: none"> <li>External Power Adapter Input: 100 to 240 V AC, 50/60 Hz</li> </ul>
Power Consumption	<ul style="list-style-type: none"> <li>5.5 watts max. ± 5%</li> </ul>	
Temperature	<ul style="list-style-type: none"> <li>Operating: -25 to 45 °C (-13 to 113 °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: 5% to 95% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>CE</li> <li>CE LVD</li> <li>FCC</li> </ul>	<ul style="list-style-type: none"> <li>C-Tick</li> <li>IP-65</li> </ul>
Dimensions	<p>The technical drawings show the camera's dimensions in millimeters. The front view shows a width of 66 mm and a height of 105 mm. The side view shows a total depth of 95.5 mm, with the camera body being 53.8 mm deep and the mounting arm being 45.7 mm long. The top view shows a circular lens with a diameter of 82 mm.</p>	

# DCS-2310L HD PoE Outdoor Cube Network Camera

Order Information	
<i>Part Number</i>	<i>Description</i>
DCS-2310L	HD PoE Outdoor Cube Network Camera

<sup>1</sup> Frame rates when streaming video may vary depending on network conditions and method used.

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

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