

## Product Highlights

### 720p HD resolution

1280 x 720 high definition video to capture the details you need

### True Day & Night Operation

Automatic IR cut filter allows the camera to see in IR mode in low light

### Complete Monitoring Solution

Real-time video compression with H.264, MPEG-4 and MJPEG codecs, microSD card slot allows for in-camera recording



## DCS-3511

# HD PoE Day/Night Network Camera

## Features

### High Definition Video

- 1 megapixel CMOS sensor
- Built-in 2.8 to 12 mm, F1.4 DC iris varifocal lens
- HD resolution (1280 x 720), maximum resolution 1 megapixel (1280 x 800)
- Built-in Automatic IR Cut filter (ICR) for 24-hour surveillance
- H.264, MPEG-4 and Motion JPEG compression
- Multi-stream support
- Privacy Mask
- Motion detection

### Security and Flexibility

- Motion and Tamper detection
- Two-way audio support (Half-duplex)
- Built-in microphone
- Support 802.1x, QoS, CoS, and SNMPv1/v2/v3
- HTTPS encryption for web access

### Connectivity

- 10/100 Fast Ethernet port with PoE
- microSD/SDHC Card slot for local storage
- Audio input/output for two-way audio
- DI/DO for connecting to external devices
- RS-485 for optional external pan/tilt control

## Camera Overview

The D-Link DCS-3511 HD PoE Day/Night Network Camera is a full featured entry level HD network camera equipped with 1 Megapixel Progressive Scan CMOS sensor and 2.8 to 12 mm DC iris varifocal lens. The cameras can capture HD video at resolutions of up to 1280 x 800 with frame rates up to 30 fps. Video can be saved to a network drive, onboard storage with its built-in microSD card slot or to an NVR (network video recorder) or VMS (video management software).

## High Definition Surveillance

The DCS-3511 is built with a megapixel image sensor to give you high-quality video with resolutions up to 720p HD. Get a closer look with ePTZ, which lets you digitally zoom, pan and tilt across your camera's video so you can survey a large area easily. A Power over Ethernet (PoE) port allows you to connect the DCS-3511 to your network and power it through a single cable, simplifying deployment and doing away with the need for a nearby power outlet.

## Imaging Flexibility

The DCS-3511 includes a 4x optical zoom varifocal lens for field of view flexibility. If you need an extreme wide angle or telephoto view, the DCS-3511 is compatible with thousands of 3rd party CS-mount lenses.

## High Speed Access To Multiple Video Streams

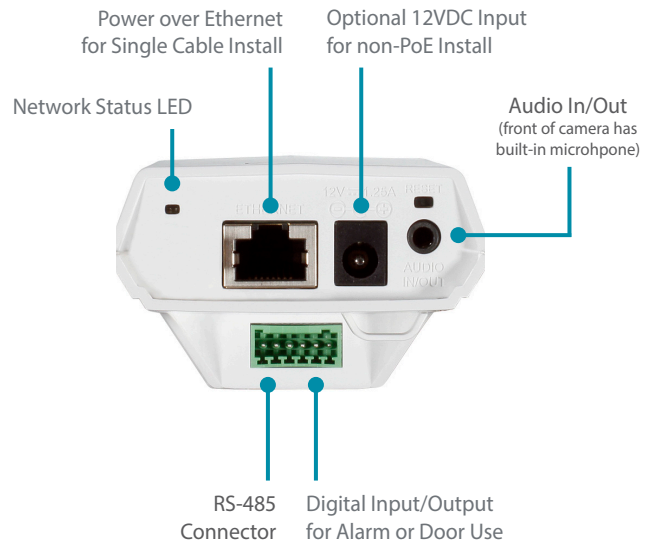
The DCS-3511 supports simultaneous streaming of H.264, MPEG-4, and MJPEG video to provide both high-quality and bandwidth-efficient compression formats. Additionally, the DCS-3511 supports multicast H.264 and MPEG-4 streaming, allowing users to view the camera feed by subscribing to a multicast IP address on the network.

## Video Management Software

The DCS-3511 HD PoE Day/Night Network Camera includes D-ViewCam, a complete surveillance software package that enables you to view, manage, and record from up to 32 cameras on a single computer in a central location. Recordings and e-mail alerts can be triggered through motion detection or events triggered by digital input devices, keeping administrators informed of any unusual activity.

## Flexible Connectivity

The DCS-3511 has a built-in 802.3af compliant PoE module that simplifies installation by providing low voltage power and networking connectivity with a single cable. Use with any 802.3af compatible PoE switch or midspan.



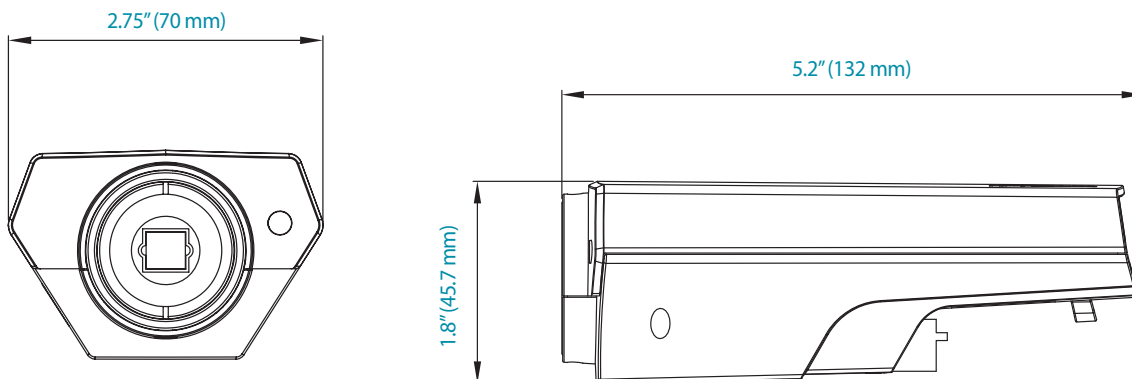
## Technical Specifications

### Camera

Camera Hardware Profile	<ul style="list-style-type: none"> <li>• 1/4" 1 Megapixel CMOS sensor</li> <li>• Minimum illumination:               <ul style="list-style-type: none"> <li>• 0.1 lux (color)</li> <li>• 0.05 lux (B/W)</li> </ul> </li> <li>• Automatic Infrared-Cut Filter module for night viewing</li> <li>• Shutter speed 1/5 to 1/10,000 sec.</li> <li>• Minimum object distance: 8"</li> </ul>	<ul style="list-style-type: none"> <li>• 2.8 to 12 mm DC iris varifocal lens, F1.4</li> <li>• Angle of view:               <ul style="list-style-type: none"> <li>• (H) 78-23°</li> <li>• (V) 53-15°</li> </ul> </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, sharpness</li> </ul>
Video Compression	<ul style="list-style-type: none"> <li>• Simultaneous H.264/MPEG-4/MJPEG format compression</li> <li>• H.264/MPEG-4 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 800, 1280 x 720, 800 x 450, 640 x 360, 480 x 270, 320 x 176 up to 30 fps</li> </ul>	<ul style="list-style-type: none"> <li>• 4:3 - 1024 x 768, 800 x 600, 640 x 480, 480 x 360, 320 x 240 up to 30 fps</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</li> <li>• DI/DO socket for connection to external devices</li> <li>• RS-485 for external PTZ connection</li> </ul>	<ul style="list-style-type: none"> <li>• microSD/SDHC card slot</li> <li>• External Audio input/output</li> <li>• Optional 12VDC power input</li> </ul>

Network		
Network Protocols	<ul style="list-style-type: none"> <li>• IPv4</li> <li>• IPv6</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> </ul>	<ul style="list-style-type: none"> <li>• 802.1x</li> <li>• Samba client</li> <li>• PPPoE</li> <li>• UPnP port forwarding</li> <li>• RTP / RTSP/ RTCP</li> <li>• IP filtering</li> <li>• QoS</li> <li>• CoS</li> <li>• Multicast</li> <li>• IGMP</li> <li>• ONVIF compliant</li> <li>• SNMP v1/v2/v3</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>• HTTPS encryption for web access</li> <li>• HTTP and RTSP authentication</li> </ul>
System Management		
System Requirements for Web Interface	<ul style="list-style-type: none"> <li>• Browser: Internet Explorer, Firefox, Chrome</li> </ul>	
Event Management	<ul style="list-style-type: none"> <li>• Motion 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</li> </ul>	<ul style="list-style-type: none"> <li>• Configuration interface accessible via web browser</li> </ul>
D-ViewCam™ System Requirements	<ul style="list-style-type: none"> <li>• Operating System: Microsoft Windows 8/7/Vista</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>• Supports all management functions provided in web interface</li> </ul>	<ul style="list-style-type: none"> <li>• Viewing of up to 32 cameras on one screen</li> <li>• Scheduled motion triggered, or manual recording options</li> </ul>
JustConnect+ App	<ul style="list-style-type: none"> <li>• Remote viewing app for Android and iOS</li> </ul>	
General		
Weight	<ul style="list-style-type: none"> <li>• 5.3 ounces (150 g) ± 5%</li> </ul>	
Power	<ul style="list-style-type: none"> <li>• 802.3af PoE or 12 V DC 1.5 A</li> </ul>	
Power Consumption	<ul style="list-style-type: none"> <li>• 2.9 watts ± 5% (PoE)</li> </ul>	
Temperature	<ul style="list-style-type: none"> <li>• Operating: 32 to 104° F (0 to 40° C)</li> <li>• Operating (in DCS-57 enclosure): -40 to 122° F</li> </ul>	<ul style="list-style-type: none"> <li>• Storage: -4 to 158° F (-20 to 70° C)</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> </ul>	<ul style="list-style-type: none"> <li>• FCC</li> <li>• C-Tick</li> </ul>
Warranty	<ul style="list-style-type: none"> <li>• 5-Year Warranty<sup>1</sup></li> </ul>	

## Dimensions



## Order Information

Part Number	Description
DCS-3511	HD PoE Day/Night Network Camera

<sup>1</sup>5-Year warranty is available in US only  
Updated 2015/09/29 (Hardware Revision A1)



JustConnect+ Remote Viewing app available on:



## For more information

U.S.A. | 17595 Mt. Herrmann Street | Fountain Valley, CA 92708 | 800.326.1688 | dlink.com

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