

## Product Highlights

### Featuring LowLight+

Keep an eye on your home or office around the clock with vibrant color images, even in low light environments

### HD Resolution

HD-720P high resolution images ensure that you capture the details that you need

### Wide Dynamic Range

Wide Dynamic Range technology provides clear images with the right amount of contrast even when a subject is backlit



## DCS-3714

# HD Day and Night WDR Camera with LowLight+

## Features

### Camera

- Sony Exmor 1/3" HD Resolution CMOS progressive sensor
- Real-time H.264, MPEG-4, and Motion JPEG compression
- HD resolution up to 720p (1280x720)
- DC iris varifocal 2.9 mm (W) to 8.2 mm (T) F1.0 CS mount lens

### Image and Video

- Built-in removable IR-cut filter for day/night surveillance
- WDR to handle strong light sources
- Simultaneous multi-stream support
- Cutting Edge LowLight+ Technology

### Rich Connections

- SD/SDHC/SDXC Card slot for onboard storage
- 10/100 Fast Ethernet port with PoE ensures easy integration into your network
- DI/DO socket for connection to external devices
- Audio in and out jacks can be connected to a microphone and speaker for 2-way communication

The D-Link DCS-3714 HD Day and Night WDR Camera with LowLight+ is a high definition professional surveillance and security solution suitable for small, medium, and large enterprises. The camera uses a high-sensitivity HD resolution progressive scan CMOS sensor with onboard WDR image enhancement to deliver truly superior quality video in all conditions.

## LowLight+

Incorporating a highly sensitive CMOS sensor, the DCS-3714 provides outstanding performance in low light-conditions, resulting in more vibrant color detail regardless of the amount of light available. The noise reduction feature has been upgraded and enhanced as well to provide a level of detail in the image quality that is unmatched by other offerings in the market.

## Flexible Connectivity

The DCS-3714 includes input and output ports allowing connectivity to external devices such as IR sensors, switches, and alarm relays. It also comes with an RS-485 interface, providing connectivity to an optional pan/tilt enclosure which effectively adds pan/tilt functionality to the DCS-3714. An additional 12 V interface provides power for an optional LED illuminator.

## High Resolution Surveillance

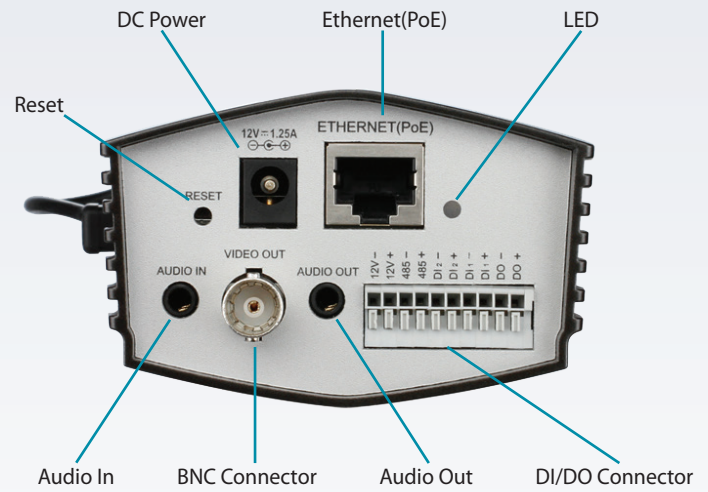
The D-Link DCS-3714 is a high-end HD Day & Night WDR Network Camera, equipped with a 1/3" HD Resolution WDR Progressive Scan CMOS sensor and a 2.9-8.2 mm DC auto iris lens. The DCS-3714 captures video in both dark and light environments, or even subjects shot with backlighting by neutralizing imperfect lighting and generating a realistic image. In addition, the removable IR-cut filter for day/night functionality provides clear detail and high quality video at any hour of the day. The DCS-3714 incorporates Power over Ethernet (PoE) and an SD card slot, allowing it to be easily installed in a variety of locations.

## Multiple Video Streams

The DCS-3714 supports simultaneous streaming of H.264, MPEG-4, and MJPEG video to provide both high-quality and bandwidth-efficient compression formats. MJPEG delivers excellent file integrity, ideal for situations which require high image detail. H.264 and MPEG-4 produce a small file size, useful for extended recording or for use in low-bandwidth networks. Additionally, the DCS-3714 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.

## Wide Dynamic Range (WDR) Applications

The Wide Dynamic Range (WDR) function provides clear images even under backlit conditions where the intensity of illumination can vary significantly, making the DCS-3714 perfect for extreme high-contrast environments. For example, when placed indoors, the DCS-3714 will adjust itself to the intense sunlight that may be streaming in through a nearby window. This makes it an ideal solution for security applications.



## Technical Specifications

### Camera

Camera Hardware Profile	<ul style="list-style-type: none"> <li>• 1/3" HD Resolution Progressive CMOS sensor</li> <li>• Minimum illumination: 0.1 lux (Color); 0.02 lux (B/W)</li> <li>• Built-in Infrared-Cut Removable (ICR) Filter module</li> <li>• DC iris varifocal length: 2.9 mm to 8.2 mm</li> <li>• Aperture: F1.0</li> </ul>	<ul style="list-style-type: none"> <li>• Angle of view:               <ul style="list-style-type: none"> <li>• (H) 95° to 35.6°</li> <li>• (V) 50.9° to 20°</li> <li>• (D) 112.3° to 41°</li> </ul> </li> <li>• Minimum object distance: 0.5 M</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 WDR, white balance, shutter speed, brightness, saturation, contrast, and sharpness</li> </ul>
Video Compression	<ul style="list-style-type: none"> <li>• Simultaneous H.264/MPEG-4/MJPEG format compression</li> </ul>	<ul style="list-style-type: none"> <li>• JPEG for still images</li> <li>• H.264/MPEG-4 multicast streaming</li> </ul>
Video Resolution	<ul style="list-style-type: none"> <li>• 16:9 - 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>
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>• 2 DI / 1 DO interface</li> <li>• 12V DC, 100 mA Output</li> <li>• RS-485</li> </ul>	<ul style="list-style-type: none"> <li>• Audio input / output</li> <li>• Video output</li> <li>• SD/SDHC/SDXC card Slot, accepts cards up to 64 GB</li> </ul>

### Network

Network Protocols	<ul style="list-style-type: none"> <li>• IPv6</li> <li>• IPv4</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> </ul>	<ul style="list-style-type: none"> <li>• HTTP / HTTPS</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>• ONVIF compliant</li> <li>• SNMP</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 authentication</li> </ul>

# DCS-3714 HD Day and Night WDR Camera with LowLight+

System Management	
System Requirements	<ul style="list-style-type: none"> <li>Operating System: Microsoft Windows 8/7/Vista/XP, iOS or Android</li> <li>Web Browser: Internet Explorer 7 or higher, Firefox, Chrome, Safari</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> <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>Configuration accessible via web browser</li> <li>Take snapshots/video clips and save to local hard drive</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> <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> <li>Viewing of up to 32 cameras on one screen</li> <li>Scheduled motion-triggered or manual recording options</li> </ul>
General	
Dimensions	<ul style="list-style-type: none"> <li>187.1 x 79.7 x 52.9 mm (7.36 x 3.13 x 2.08 inches)</li> </ul>
Weight	<ul style="list-style-type: none"> <li>545 +/-5% grams (1.20 lbs)</li> </ul>
Power	<ul style="list-style-type: none"> <li>Input: 100 to 240 V AC, 50/60 Hz, 802.3af PoE (class 2)</li> <li>Output: 12 V DC, 1.5 A</li> </ul>
Maximum Power Consumption	<ul style="list-style-type: none"> <li>4.8 +/-5% Watt</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>Operating: 0 to 40 °C (32 to 104 °F)</li> <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> <li>Storage: 5% to 95% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>CE (Class A)</li> <li>CE LVD (EN60950-1)</li> <li>FCC (Class A)</li> <li>CTICK (Class A)</li> </ul>
Diagram	<p>The diagram shows two views of the camera. The front view on the left shows a width of 79.7 mm and a height of 52.9 mm. The side view on the right shows a total length of 187.1 mm, a lens diameter of 33.5 mm, a mounting bracket width of 135.9 mm, and a base width of 139.4 mm.</p>
Order Information	
Part Number	Description
DCS-3714	HD Day and Night WDR Camera with LowLight+

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