

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

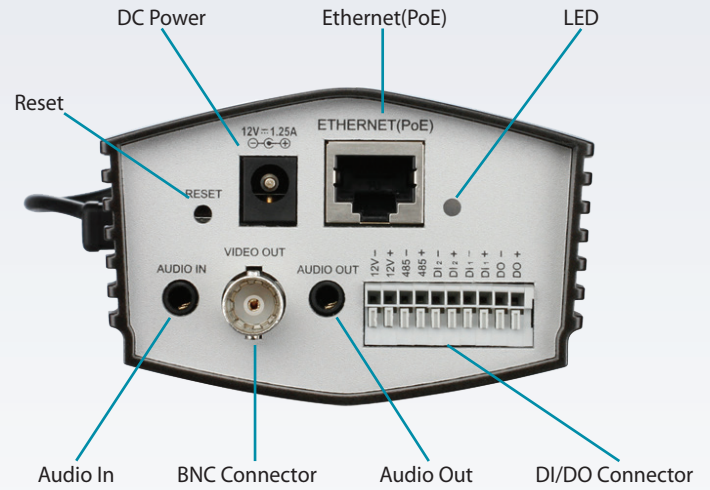
The D-Link DCS-3714 is a high-end HD Day & Night WDR Network Camera, equipped with a 1/3" HD Resolution WDR Progressive Scan CMOS sensor and a 2.9-8.2 mm DC auto iris lens. The DCS-3714 captures video in both dark and light environments, or even subjects shot with backlighting by neutralizing imperfect 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"> • 1/3" HD Resolution Progressive CMOS sensor • Minimum illumination: 0.1 lux (Color); 0.02 lux (B/W) • Built-in Infrared-Cut Removable (ICR) Filter module • DC iris varifocal length: 2.9 mm to 8.2 mm • Aperture: F1.0 	<ul style="list-style-type: none"> • Angle of view: <ul style="list-style-type: none"> • (H) 95° to 35.6° • (V) 50.9° to 20° • (D) 112.3° to 41° • Minimum object distance: 0.5 M
Image Features	<ul style="list-style-type: none"> • Configurable image size, quality, frame rate, and bit rate • Time stamp and text overlays • Configurable motion detection windows 	<ul style="list-style-type: none"> • Configurable privacy mask zones • Configurable WDR, white balance, shutter speed, brightness, saturation, contrast, and sharpness
Video Compression	<ul style="list-style-type: none"> • Simultaneous H.264/MPEG-4/MJPEG format compression 	<ul style="list-style-type: none"> • JPEG for still images • H.264/MPEG-4 multicast streaming
Video Resolution	<ul style="list-style-type: none"> • 16:9 - 1280 x 720, 800 x 450, 640 x 360, 480 x 270, 320 x 176 up to 30 fps 	<ul style="list-style-type: none"> • 4:3 - 1024 x 768, 800 x 600, 640 x 480, 480 x 360, 320 x 240 up to 30 fps
Audio Support	<ul style="list-style-type: none"> • AAC 	<ul style="list-style-type: none"> • G.711
External Device Interfaces	<ul style="list-style-type: none"> • 2 DI / 1 DO interface • 12V DC, 100 mA Output • RS-485 	<ul style="list-style-type: none"> • Audio input / output • Video output • SD/SDHC/SDXC card Slot, accepts cards up to 64 GB

Network

Network Protocols	<ul style="list-style-type: none"> • IPv6 • IPv4 • TCP/IP • UDP • ICMP • DHCP client • NTP client (D-Link) • DNS client • DDNS client (D-Link) • SMTP client • FTP client 	<ul style="list-style-type: none"> • HTTP / HTTPS • Samba client • PPPoE • UPnP port forwarding • RTP / RTSP / RTCP • IP filtering • QoS • CoS • Multicast • ONVIF compliant • SNMP
Security	<ul style="list-style-type: none"> • Administrator and user group protection • Password authentication 	<ul style="list-style-type: none"> • HTTP and RTSP authentication

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System Management	
System Requirements	<ul style="list-style-type: none"> Operating System: Microsoft Windows 8/7/Vista/XP, iOS or Android Web Browser: Internet Explorer 7 or higher, Firefox, Chrome, Safari
Event Management	<ul style="list-style-type: none"> Motion detection Event notification and uploading of snapshots/video clips via e-mail or FTP Supports multiple SMTP, and FTP servers Multiple event notifications Multiple recording methods for easy backup
Remote Management	<ul style="list-style-type: none"> Configuration accessible via web browser Take snapshots/video clips and save to local hard drive
D-ViewCam™ System Requirements	<ul style="list-style-type: none"> Operating System: Microsoft Windows 8/7/Vista/XP Web Browser: Internet Explorer 7 or higher Protocol: Standard TCP/IP
D-ViewCam™ Software Functions	<ul style="list-style-type: none"> Remote management/control of up to 32 cameras Supports all management functions provided in web interface Viewing of up to 32 cameras on one screen Scheduled motion-triggered or manual recording options
General	
Dimensions	<ul style="list-style-type: none"> 187.1 x 79.7 x 52.9 mm (7.36 x 3.13 x 2.08 inches)
Weight	<ul style="list-style-type: none"> 545 +/-5% grams (1.20 lbs)
Power	<ul style="list-style-type: none"> Input: 100 to 240 V AC, 50/60 Hz, 802.3af PoE (class 2) Output: 12 V DC, 1.5 A
Maximum Power Consumption	<ul style="list-style-type: none"> 4.8 +/-5% Watt
Temperature	<ul style="list-style-type: none"> Operating: 0 to 40 °C (32 to 104 °F) Storage: -20 to 70 °C (-4 to 158 °F)
Humidity	<ul style="list-style-type: none"> Operating: 20% to 80% non-condensing Storage: 5% to 95% non-condensing
Certifications	<ul style="list-style-type: none"> CE (Class A) CE LVD (EN60950-1) FCC (Class A) CTICK (Class A)
Diagram	<p>The diagram shows two views of the camera. The front view on the left indicates 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+

Updated 2014/10/27