



### Features

- + Sony® VGA 18x Optical Zoom
- + 1/4" Progressive Scan CCD Sensor
- + 4x Digital Zoom<sup>4</sup>
- + Up to 30 Frames Per Second
- + IR-Cut Removable (ICR) Filter for Day/Night Use
- + Simultaneous Dual-Stream Support
- + Multicast Streaming
- + Motion Detection Recording with E-mail Alert
- + Built-in Samba Client
- + Compact Flash Slot
- + Built-In Microphone and Speaker Port
- + Digital I/O Support for Sensors and Alarms
- + RS-485 for P/T Enclosure Connection
- + Built-in 802.3af PoE<sup>3</sup>

### D-ViewCam 2.0 Features

- + Manage up to 32 Cameras at once
- + Adjustable Image Size and Quality
- + Custom Recording Schedules
- + Event Notifications
- + Upload a Floor Plan
- + Flip & Mirror Image

## Day & Night Camera with 18x Optical Zoom & PoE Support

### Powerful Surveillance

The D-Link® DCS-3415 Fixed Network Camera is a high-performance camera designed for high-end professional surveillance and security applications. Equipped with a Sony® 18x Optical Zoom lens and progressive scan CCD sensor, the DCS-3415 allows you to capture vivid images of moving objects that traditional interlaced scanning techniques cannot achieve and effectively reduces motion blur and distorted, jagged edges of recorded images delivering exceptional picture quality.

The built-in ICR filter in the DCS-3415 provides automatic Day/Night functionality, adjusting the image from color during the day (and in low-light conditions) to monochrome at night (or in extremely poor lighting conditions) while only requiring a minimum illumination of 0.38 lux. With features such as simultaneous MPEG-4/MJPEG streaming, multicast MPEG-4 streaming, PoE support, a built-in Compact Flash card slot, and connectivity to a variety of external devices, the DCS-3415 is an extremely versatile solution for high quality viewing and reliable recording throughout the day.

### Multiple Streaming

The DCS-3415 supports simultaneous streaming of MPEG-4 and MJPEG video to provide both high quality and bandwidth efficient compression formats. MJPEG delivers greater file integrity, making it ideal for detailed monitoring situations. MPEG-4 has smaller file sizes, making it more useful for extended recording periods or for use in low bandwidth networks. Additionally, the DCS-3415 supports multicast MPEG-4 streaming allowing users to view content by subscribing to a multicast IP address on the network.

### Flexible Connectivity

The DCS-3415 includes digital input and output ports (one each) allowing connectivity to external devices such as IR sensors, switches, and alarm relays. It also comes with a RS-485 interface, providing connectivity to an optional Pan/Tilt enclosure, which effectively adds pan/tilt functionality to the DCS-3415. Additionally, a 12V interface provides power for an optional LED illuminator.

### 3GPP Mobile Surveillance

Support for 3GPP Mobile Surveillance<sup>1</sup> allows you to view a live video feed from your compatible Internet-ready mobile phone with a 3GPP player installed. This extends your monitoring capability without requiring the use of a computer, allowing you to check your camera's video feed while on-the-go.

### Additional Features

The DCS-3415 comes with a built-in microphone and audio ports allowing 2-way audio communication<sup>2</sup> when an external speaker is connected and even includes an audio switch to ensure privacy when needed. The DCS-3415 also comes with a built-in Samba client for NAS so there is no need for a direct connection to a PC or any other hardware or software to capture and transfer images. Equipped with 802.3af Power over Ethernet (PoE) support<sup>3</sup>, the DCS-3415 can receive both power and data over a single Ethernet cable, allowing you to place this camera in locations without a power outlet

### Convenient Management

The included D-Link D-ViewCam™ 2.0 software enables you to manage up to 32 network cameras, set e-mail alert notifications, set recording schedules, and trigger motion detection to record directly to your hard drive. D-ViewCam also allows you to upload a floor plan of your business and create a realistic layout of where your cameras are located, further simplifying the management process.



### Day & Night Camera with 18x Optical Zoom & PoE Support

#### Technical Specifications

Camera		
General Specification	+ Sensor: 1/4" Progressive Scan CCD	+ Lens: Sony® 18x Optical Zoom
	+ Minimum Illumination: 1.61 Lux (F1.4, 1/30s), 0.38 Lux (F1.4, 1/30s, ICR on)	+ 3A Control: AGC, AWB, AES
	+ Electronic Shutter: 1/2 sec to 1/10,000 sec.	+ IR-cut Removable (ICR) filter: Auto/Schedule/Manual
	+ Focal length: f=4.1mm to 73.8mm	
Audio	+ Built-in omni-directional microphone	+ External Microphone Input
	+ External Speaker Output	+ GSM-AMR Speech Compression
	+ Bit Rate: 4.75kbps - 12.2kbps	+ Supports Two-way Audio by SIP
	+ Supports Hardware and Software Audio Mute	+ MPEG-4 AAC Audio Encoding, Bit Rate: 16 kbps-128kbps
Video Resolution	+ Up to 30fps at 640x480	+ Up to 30fps at 320x240
	+ Up to 30fps at 176x144	
Network Connectivity	+ 10/100 Mbps Fast Ethernet Auto Negotiation	+ 802.3af Power over Ethernet (PoE) <sup>3</sup>
General I/O	+ 1x input (2 pins), 1x output (2 pins)	+ 12V DC output for IR light (2 pins)
	+ RS-485 (2 pins)	
Environmental	+ Operating Temperature: 32° to 104°F (0° to 40°C)	+ Storage Temperature: -4° to 158°F (-20° to 70°C)
	+ Humidity: 20% to 80% RH (Non-condensing)	
Certifications	+ FCC Class B	+ IC
	+ CE	+ C-Tick

#### Physical

LED	+ Link	+ Activity
	+ Power	
Power Input	+ External Power Supply	+Power Consumption 6 Watts Maximum
	+ 12V DC 1.5A	
Dimension (W x D x H)	+ Item: 3.1" x 5.7" x 3.6" (78.7mm x 144.8mm x 91.4mm)	+ Package: 8.2" x 10.8" x 5.4" (208.3mm x 274.3mm x 137.2mm)
Weight	+ Item: 4.0 lbs (1.81 kg)	+ Package: 5.4 lbs (2.45 kg)

#### Software

Video Algorithm Supported	+ Simultaneous Dual-Stream Support (MPEG-4 and MJPEG)	+ Simultaneous Profile Support for Web Viewing, 3G Mobile Viewing <sup>1</sup> , and Video Recording
	+ JPEG Compression for Still Images	
Security	+ Administrator and User Group Protected	+ HTTP and RTSP digest encryption
	+ Password Authentication	
Remote Management	+ Camera Configuration and Camera System Log (viewed via Java-Enabled Web Browser)	+ Take Snapshots and save to Hard Drive via a Web Browser
	+ D-ViewCam™ 2.0	



### Day & Night Camera with 18x Optical Zoom & PoE Support

Networking Protocols	+ IPv4	+ DHCP
	+ ARP	+ DNS
	+ TCP/IP	+ DDNS (D-Link)
	+ HTTP	+ UPnP™ Port Forwarding
	+ SMTP	+ Samba
	+ FTP	+ PPPoE
	+ NTP (D-Link)	+ RTP
	+ UDP	+ RTSP
	+ ICMP	+ RTCP
	+ 3GPP	+ IP Filtering

#### Minimum System Requirements

To View	Java-Enabled Web Browser (Internet Explorer v6.0 or later, Safari, Firefox, Opera, etc)
To Run D-ViewCam™ Software	+ Operating System: Windows Vista®, Microsoft Windows® XP <sup>5</sup>
	+ Web Browser: Internet Explorer v6 or later
	+ Protocol: Standard TCP/IP

#### Warranty Information

Warranty	1-Year Limited <sup>6</sup>
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#### Ordering Information

<u>Part Number</u>	<u>Description</u>
DCS-3415	10/100 Fixed IP Network Camera, CCD, 0.38 / 1.61 Lux, Day & Night, Sony 18x Optical Zoom, MPEG-4 & MJPEG, 2-Way Audio, 3G PoE

<sup>1</sup> The mobile device must be Internet-ready, Support Real Time Streaming Protocol (RSTP) and be equipped with a 3G video player such as PacketVideo™, Quicktime™, or RealPlayer™, and have Internet access.

<sup>2</sup> Use of audio or video equipment for recording the image or voice of a person without their knowledge and consent is prohibited in certain states or jurisdictions. The end-user assumes all liability for compliance with applicable state, local, and federal laws. Product specification, size and shape are subject to change without notice and actual product appearance may differ from that depicted on the package.

<sup>3</sup> A PoE switch or router is required to provide power in the Ethernet connection.

<sup>4</sup> 4x Digital Zoom enlarges an image by magnifying the pixels in a selected portion of the image by 4 times.

<sup>5</sup> Computer must adhere to Microsoft's recommended system requirements. Please contact Microsoft for details.

<sup>6</sup> 1-Year Limited Warranty available only in the USA and Canada.

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