



## 18X PoE NETWORK CAMERA

### 18x OPTICAL ZOOM PROGRESSIVE SCAN

Guarantees high-quality capture of moving objects

### MPEG4 MULTICAST SUPPORT

Ensures smooth streaming of video from the camera to all monitoring stations<sup>1</sup>

### BUILT-IN 802.3af POWER OVER ETHERNET (PoE)

Allows placement of camera on high walls or hidden locations

### DESIGNED FOR POWERFUL SURVEILLANCE

The DCS-3415 18x PoE Network Camera is designed to target high-end surveillance market. An 18x optical zoom progressive scan CCD module can capture superb vivid images of moving objects that traditional interlaced scanning techniques cannot achieve and effectively reduces motion blur and distorted, jagged edges of recorded images. The DCS-3415 uses its SoC (system-on-chip) to provide high quality real-time video compression in MPEG-4 and Motion JPEG formats. Furthermore, it supports MPEG4 multicast streaming, letting users view content by subscribing to a multicast IP address on the network. The DCS-3415 can also be connected to a variety of external devices such as IR-sensors, switches and alarm relays making it a versatile yet ideal solution for high quality viewing and reliable recording during the day or night.

### WATCH LIVE VIDEOS FROM A 3G DEVICE

The live camera feed of the camera can be pulled from the 3G cellular network by using a compatible cell phone or PDA with a 3G video player. Users are offered a flexible and convenient way to remotely monitor a professional environment such as an office or factory, anywhere within the 3GPP service area.

### EASY TO SETUP WITH WIRED PoE ACCESS

For effective surveillance in and around a building, the DCS-3415 comes with a built-in 802.3af compliant Power Over Ethernet (PoE) module for flexible deployment. It can connect directly to a PoE Ethernet switch without the need for a power cable, providing users the freedom to place the camera anywhere they want, including high walls and hard to see locations.

### SMART & EASY TO USE

D-Link's D-ViewCam software allows you to view up to 32 cameras on a single computer screen at one central location. Users can set up automated e-mail alerts and be instantly informed of unusual activities. In addition, this network camera supports the universal plug-n-play feature, which allows computers running on Windows 2000/XP/Vista to automatically recognize the camera and add it to the network. Sign up with one of the free Dynamic DNS services available on the web, to assign a name and domain to the camera (e.g. mycamera.dlinkddns.com). This allows users to remotely access the camera without having to remember the IP address.

1. Camera must be connected to a multicast-enabled router

#### WHAT THIS PRODUCT DOES

The D-Link DCS-3415 18x PoE Network Camera is a high end surveillance camera with 18x optical zoom progressive scan CCD module and D-Link's SoC integration to provide first rate real-time videos, available in either MPEG-4 or MJPEG streaming modes. In addition, it supports MPEG4 multicast streaming, a bandwidth efficient way of providing streaming content to multiple users through an IP address subscription, as well as simultaneous dual streaming for live monitoring and recording. The DCS-3415 comes with a built-in 802.3af compliant PoE module for easy setup and flexible placement in your surveillance site.

#### REMOTE MONITORING OPTION

The DCS-3415 features 3G mobile video support, enabling you to view a live video feed from your camera on a compatible 3G mobile phone or PDA anywhere in your 3G coverage area. The 3G mobile video support allows you to monitor from a remote location without using a computer or an Internet connection. D-Link's D-ViewCam software is also included to let you manage up to 32 cameras simultaneously from your computer, automatically receive e-mail alerts and record video to your hard drive and network storage when motion is detected.



#### TECHNICAL SPECIFICATIONS

##### NETWORK PROTOCOL SUPPORT

IPv4, TCP/IP, RTSP/ RTP/ RTCP, HTTP, SMTP, FTP, NTP, DNS, DHCP, UPnP, DDNS, PPPoE, IGMP, Samba client, IP Filtering, 3GPP

##### BUILT-IN NETWORK INTERFACES

+ 10/100BASE-TX Ethernet port, RJ45

##### VIDEO ALGORITHM SUPPORT

+ JPEG for still image  
+ Compression: MJPEG & MPEG-4  
+ Streaming: Simultaneous dual-streaming  
+ MPEG-4 streaming over UDP, TCP, or HTTP  
+ MPEG-4 multicast streaming  
+ MJPEG streaming over HTTP  
+ Supports 3GPP mobile surveillance  
+ Camera live viewing for up to 10 clients

##### VIDEO RESOLUTION

+ MJPEG & MPEG-4 video with resolution up to 640x480 (VGA)  
+ Up to 30fps at 176 x 144  
+ Up to 30fps at 320 x 240  
+ Up to 30fps at 640 x 480

##### VIDEO FEATURES

+ Adjustable image size, quality, and bit rate  
+ Time stamp and text overlays  
+ 3 configurable motion detection windows  
+ Flip & mirror  
+ Configurable brightness  
+ AGC, AWB, AES

##### VIDEO BIT RATE

20K to 4M

##### SENSOR & LENS SPECIFICATIONS

+ SONY 1/4 inch progressive scan CCD sensor  
+ Focal length: f=4.1mm to 73.8mm  
+ F-number: F1.4 (wide), F3.0 (tele)  
+ Iris: Auto/Manual (F1.4 to F22)  
+ Removable IR-cut filter: Auto/Schedule/Manual  
+ 18x optical zoom (4x digital zoom)  
+ Angle of View: 48° ~ 2.8° (horizontal)  
+ Shutter speed: 1/2 sec. to 1/10000 sec.  
+ Minimum illumination: 1.61 Lux (F1.4, 1/30s), 0.38 Lux (F1.4, 1/30s, ICR ON)

##### EVENT MANAGEMENT

+ Motion detection weekly schedule  
+ Event notification and upload snapshots/video clips via using HTTP, SMTP, or FTP  
+ Multiple HTTP, SMTP, or FTP server setups  
+ Multiple event notification setups for flexible application  
+ Multiple recording methods for easier backup

##### AUDIO

+ Compression and bit rate:  
GSM-AMR speech compression, bit rate: 4.75 kbps ~12.2 kbps  
MPEG-4 AAC audio encoding, bit rate: 16 kbps ~128 kbps  
+ Interface: Built-in microphone, external microphone input, external speaker output  
+ Supports two-way audio by SIP protocol  
+ Supports hardware and software audio mute

##### SECURITY

+ Administrator and user group protected  
+ Password authentication  
+ HTTP and RTSP digest encryption

##### SURVEILLANCE SOFTWARE FUNCTIONS

+ Remote management/control of up to 32 cameras  
+ Viewing of up to 32 cameras on one screen  
+ Supports all management functions provided in web interface  
+ Scheduled motion triggered, or manual recording options

##### REMOTE MANAGEMENT

+ Configuration accessible via web browser  
+ Take snapshots/video clips and save to CF card, local hard drive or NAS via web browser

##### SYSTEM REQUIREMENTS

+ Operating System: Microsoft Windows 2000, XP, Vista  
+ Browser: Internet Explorer, Firefox, Netscape, Mozilla, Opera browser

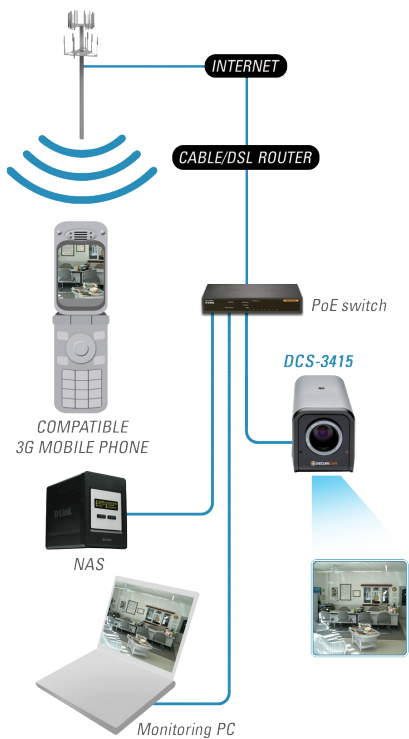
##### 3GPP MOBILE SURVEILLANCE

+ Handsets with 3GPP player  
+ Packet Video Player 3.0  
+ QuickTime 6.5  
+ Real Player 10.5

##### ETHERNET INTERFACE

+ IEEE 802.3 compliance  
+ IEEE 802.3u compliance  
+ Supports Full-Duplex operations  
+ 802.3x Flow Control support for Full-Duplex mode  
+ Supports IEEE 802.3af standard (PoE)

#### YOUR NETWORK SETUP



#### EXTERNAL DEVICE INTERFACE

- + One D/I and one D/O for external sensor and alarm
- + RS485 interface for external scanner
- + DC12V output for external accessory

#### POWER CONSUMPTION

5.4W

#### DIMENSIONS

80 (W) X 143.5 (D) X 92.4 (H) (mm)

#### HUMIDITY

20% to 80% non-condensing

#### CERTIFICATIONS

- + FCC Class B
- + CE
- + C-Tick

#### DIAGNOSTIC LED

2 color LED

#### WEIGHT

1012 grams

#### FRONT-END STORAGE

CF card slot for local recording of MP4 files

#### OPERATION TEMPERATURE

0° to 40° C (32° to 104° F)

#### STORAGE TEMPERATURE

-20° to 70° C (-4° to 158° F)

#### POWER INPUT

100-240Vac, 50/60Hz, 12Vdc, 1.25A

#### PACKAGE INCLUDES

- + DCS-3415 camera
- + External power adapter
- + Camera stand
- + Cat5 ethernet cable
- + Quick installation guide
- + Master CD

#### Dimensions:

