



MEGAPIXEL PoE NETWORK CAMERA

HIGH RESOLUTION IMAGES

1.3 Megapixel progressive scan sensor for high quality surveillance imaging

MPEG4 MULTICAST SUPPORT

Ensures smooth streaming of video from the camera to all monitoring stations¹

BUILT-IN 802.3af POWER OVER ETHERNET (PoE)

Allows placement of camera on high walls or hidden locations

DESIGNED FOR POWERFUL SURVEILLANCE

The DCS-3110 Megapixel Network Camera is designed for business use. A 1.3 Megapixel progressive scan CMOS sensor enables capture of high-resolution images on a wide coverage area, making it suitable for sensitive motion detection as an indoor/outdoor security solution. The DCS-3110 uses its SoC (system-on-chip) to provide high quality real-time video compression in MPEG-4 and Motion JPEG formats. Furthermore, this camera supports MPEG4 multicast streaming, letting users view content by subscribing to a multicast IP address on the network. The DCS-3110 can also be connected to a variety of external devices such as IR-sensors, switches and alarm relays making it an 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 home or office in real time, anywhere within the 3GPP service area.

EASY TO SETUP WITH WIRED PoE ACCESS

For effective surveillance in and around a building, the DCS-3110 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 DCS-3110 Megapixel PoE Network Camera includes a 1.3 mega-pixel progressive scan CMOS sensor capable of capturing high-resolution images in a three times larger coverage area, making it significantly better than an analog CCTV camera with the motion JPEG stream. The DCS-3110 can effectively reduce motion blur and distorted, jagged edges of recorded images and is useable for both day and night applications. 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-3110 comes with a built-in 802.3af compliant PoE module for easy setup and flexible placement in an indoor or outdoor surveillance site.

REMOTE MONITORING OPTION

The DCS-3110 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

NETWORK INTERFACE

- + IEEE 802.3/802.3u 10/100BASE-TX Ethernet port
- + Supports half/full-duplex operations
- + Supports 802.3x Flow Control in full-duplex mode
- + Supports IEEE 802.3af PoE

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

VIDEO RESOLUTION

- + MJPEG video with resolution up to 1280x1024 (1.3 Megapixel)
- + 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
- + Up to 8 frames at 1280x1024

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

- + 1/4" 1.3 Megapixel progressive color CMOS sensor
- + 6 mm megapixel lens, F1.6
- + Removable IR-cut filter: Auto/Schedule/Manual
- + Minimum illumination: 1.5 Lux, F2.0

EVENT MANAGEMENT

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

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
- + Camera live viewing for up to 10 clients*

SYSTEM REQUIREMENTS

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

3GPP MOBILE SURVEILLANCE

- Handsets with 3GPP player with following software support:
- + Packet Video Player 3.0
- + QuickTime 6.5
- + Real Player 10.5

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

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

DIAGNOSTIC LED

2 color LED

FRONT-END STORAGE

CF card slot for local recording of MP4 files

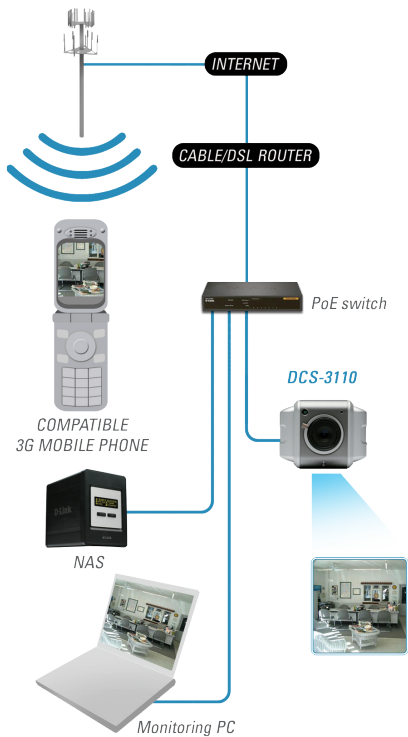
POWER INPUT

100 - 240VAC, 50/60Hz, 12VDC, 1.25A

POWER CONSUMPTION

Max 4 W

YOUR NETWORK SETUP



DIMENSIONS

80 (W) X 143.8 (D) X 62 (H) (mm)

WEIGHT

521 grams

OPERATION TEMPERATURE

0° to 40° C (32° to 104° F)

STORAGE TEMPERATURE

-20° to 70° C (-4° to 158° F)

HUMIDITY

20% to 80% non-condensing

CERTIFICATIONS

+ FCC Class B
+ CE
+ C-Tick

PACKAGE INCLUDES

+ DCS-3110 camera
+ External power adapter
+ Camera stand
+ CAT5 ethernet cable
+ Quick installation guide
+ Master CD

*For Live Viewing, MJPEG 1.3 Megapixel resolution supports only two simultaneous clients.

Dimensions

