



MEGAPIXEL PoE NETWORK CAMERA

HIGH RESOLUTION IMAGES

1.3 Megapixel progressive scan sensor for high quality surveillance imaging

MPEG-4 MULTICAST SUPPORT

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

BUILT-IN 802.3AF PoE

Built-in Power over Ethernet allows camera to be placed on high walls or in 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 MPEG-4 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.dlinkdns.com). This allows users to remotely access the camera without having to remember the IP address.

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 larger coverage area, making it significantly better than an analog CCTV camera. The DCS-3110 can effectively reduce motion blur and distorted, jagged edges in recorded images, and is usable for both day and night applications. In addition, it supports MPEG-4 multicast streaming - a bandwidth efficient way of providing streaming content to multiple users through an IP address, as well as allowing for dual-streaming for live monitoring and recording simultaneously. 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. 3G mobile video support allows you to monitor your camera from a remote location without a computer. 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 images
- 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 8fps 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
- 4.5-10 mm megapixel lens, F1.6
- Removable IR-cut filter: Auto/Schedule/Manual
- Minimum illumination: 1.5 Lux
- Field of View
 - Diagonal: 46.5° - 102°
 - Horizontal: 37° - 80.5°
 - Vertical: 28° - 60°

EVENT MANAGEMENT

- Motion detection with configurable 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 applications
- 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, or Vista
- Browser: Internet Explorer, Firefox, Netscape, Mozilla, or Opera

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 rates:
 - GSM-AMR speech compression, bit rate: 4.75 kbps - 12.2 kbps
 - MPEG-4 AAC audio encoding, bit rate: 16 kbps - 128 kbps
- Interfaces: 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 an external sensor and alarm
- RS485 interface for an external scanner
- DC12V output for an 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

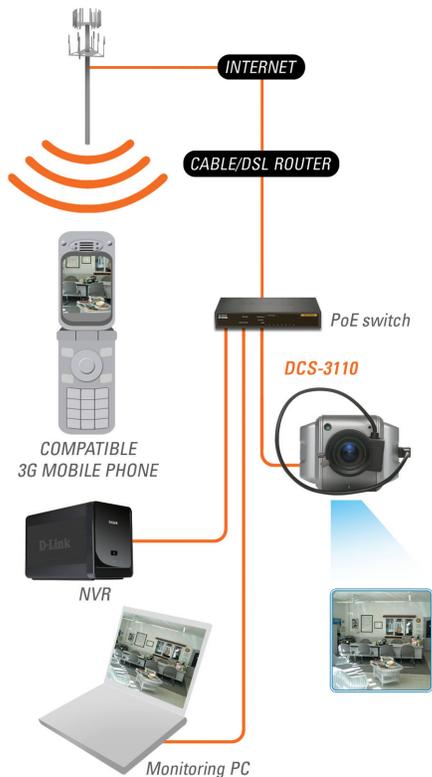
POWER CONSUMPTION

- Max 4W

DIMENSIONS (W x D x H)

- 80 x 166.8 x 62 mm

YOUR NETWORK SETUP



WEIGHT

- 521 grams

OPERATING 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

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

PACKAGE CONTENTS

- DCS-3110 camera
- Ethernet cable - CAT5
- Power adapter
- Camera stand
- CD-ROM with Manual
- Quick Installation Guide

DIMENSIONS



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