



DAY & NIGHT PoE NETWORK CAMERA WITH 3G MOBILE VIDEO SUPPORT

24-HOUR SURVEILLANCE

A CMOS sensor with low lux sensitivity produces high-quality images under varied lighting conditions.

TRIPLE CODEC & MULTIPLE PROFILES

Optimized image quality and bandwidth efficiency with separate profiles for web viewing, 3G mobile viewing, and recording.

POWER OVER ETHERNET

An internal Power over Ethernet (PoE) module reduces costs and simplifies installation.

ROUND-THE-CLOCK SURVEILLANCE

D-Link DCS-3411 is a versatile day and night network camera, ideal for small-to-medium business applications and remote monitoring over the Internet. The camera employs a superior CMOS sensor with low lux sensitivity to deliver a truly superior image quality under varied lighting conditions. The DCS-3411 is equipped with 2 digital input ports for sensors or alarms, 1 digital output port for an alarm, 1 power output port for an LED illuminator and a BNC connector which provides both analog and digital video transmission interfaces. 802.3af compliant Power over Ethernet (PoE) eases the installation process by providing both data and power connections through a single cable. An RS-485 port is also included for external pan/tilt devices. In addition, the 12 V interface provides power for an optional LED illuminator. A built-in Infrared Cut Removable (ICR) filter in the DCS-3411 allows the camera to capture images in both regular and low light conditions. Additional accessories such as an auto-iris lens, an IR LED lens, a night vision illuminator, and an outdoor enclosure can be added to the DCS-3411.

VIEW LIVE VIDEO FROM A 3G MOBILE PHONE¹

A live feed from the camera can be accessed on a 3G mobile network using a compatible mobile phone or PDA with a 3G video player. Users have a flexible and convenient way to remotely monitor a home or office in real-time anywhere within their 3GPP service area.

FLEXIBLE CONNECTIVITY

Power over Ethernet (PoE) connectivity allows for discreet installation in virtually any indoor location. For effective surveillance around any space, this camera's built-in 802.3af compliant PoE module eases the installation process by reducing the need to lay additional cabling. In addition, the 10/100BASE-TX Ethernet port connects seamlessly to local network or to the Internet via a gateway router. The camera can be accessed and viewed as a device on the network.

REMOVABLE IR CUT FILTER FOR CONTINUOUS MONITORING

The IR Cut Filter can be manually applied via web GUI, or set to automatically adjust based on lighting conditions. This feature enables the camera to capture crisp color images during the daytime, and grayscale images in low-light.

TRIPLE CODEC & MULTIPLE PROFILES

To maximize bandwidth efficiency and improve image quality, DCS-3411 provides real-time video compression in MJPEG, MPEG-4 and H.264 formats. Furthermore, the DCS-3411 supports four separate profiles simultaneously and is capable of recording in MJPEG, MPEG-4 and H.264 compression with VGA/QVGA/QQVGA resolution for a smooth performance. This kind of versatility enables a wide variety of security applications such as monitoring your home during lunch through a 3G enabled PDA, managing an organized directory of recorded video files on a Network Attached Storage (NAS) device/SD card, or fine-tuning a security system in real-time over the local network.

WHAT THIS PRODUCT DOES

The DCS-3411 is a day & night camera, equipped with a CMOS sensor to deliver exceptional picture quality under varied lighting conditions. The camera is designed for both day and night, as well as indoor and outdoor (when an outer enclosure is added). The DCS-3411 features digital input/output connectors making it possible to connect sensors and alarms with this camera and comes with a RS-485 interface, for controlling an optional pan/tilt device over the IP network. For easy installation, the camera comes with built-in 802.3af Power over Ethernet (PoE), giving users the freedom to place the camera anywhere and eliminating the need for a nearby power outlet. The camera is housed in an aluminum casing for maximum heat dissipation and protection against tampering. A built-in Infrared Cut Removable filter allows the camera to capture images in both regular and low light conditions, making it suitable for all surveillance applications.

ROBUST SURVEILLANCE SOFTWARE

D-ViewCam software is included to manage up to 32 cameras simultaneously, send automated e-mail alerts, and record video to your hard drive when motion is detected or according to a set schedule. You can also monitor the camera's I/O sensors and send automated e-mail notifications when unusual events are detected.

TECHNICAL SPECIFICATIONS

CAMERA SPECIFICATIONS

- Built-in 1/4" CMOS sensor
- Built-in IR-cut Removable Filter
- Minimum Illumination: 0.5 lux @ F1.8 (typical); 0 lux (10 meter range with optical IR lens)
- CS mount lens: 6 mm, F1.8
- Resolution: 640 x 480
- Electronic Shutter:
 - NTSC: 1/60 ~ 1/100,000 sec.
 - PAL: 1/50 ~ 1/110,000 sec.
- Lens mount support: Auto-iris or IR lens (10 meter range)
- Field of View: 51° diagonal, 31° vertical, 41° horizontal

LED INDICATORS

- Link & Activity
- Power

RESET BUTTON

- Reset to factory default settings

EXTERNAL DEVICE INTERFACE

- 2 Inputs:
 - Photo Relay
 - Active High 12 V, +/-3 V, Dropout: 0 V DC
- 1 Output:
 - Photo Relay
 - Close circuit current: AC 70 mA or DC 100 mA; 400 hm
 - Open circuit voltage: 240 V AC or 350 V DC
 - Power output: 12 V DC 200 mA
- RS-485 connector for external PT devices

MEMORY

- SDRAM: 64 MBytes
- Flash Memory: 8 MBytes

VIDEO FEATURES

- Adjustable image size, quality and bit rate
- Time stamp and text overlays
- Motion adaptive de-interlacing

VIDEO RESOLUTION

- NTSC support:
 - Up to 30 frames at 640 x 480
 - Up to 30 frames at 320 x 240
 - Up to 30 frames at 160 x 120
- PAL support:
 - Up to 30 frames at 640 x 480
 - Up to 30 frames at 320 x 240
 - Up to 30 frames at 160 x 120
- For BNC TV out:
 - NTSC: 720 x 480
 - PAL: 720 x 576

VIDEO ALGORITHM SUPPORT

- JPEG for still images
- MJPEG/ MPEG4/H.264 multi-profile compression
- Supports up to 4 video profiles simultaneously
- Supports 3GPP mobile surveillance

DIGITAL ZOOM

- 16X

MICROPHONE

- Omni-directional
- Frequency: 20 to 20,000 Hz
- S/N ratio: over 58 dB

AUDIO

- Sampling Rate:
 - GSM-AMR: 12.2 Kbps
 - PCM: 8 Kbps
- Full-duplex audio communication

NETWORK CONNECTIVITY

- 10/100 Mbps Fast Ethernet Auto-Negotiation
- Power over Ethernet

NETWORK INTERFACE

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

NETWORK PROTOCOL SUPPORT

- IPv4, ARP, TCP/IP, UDP, RTP, RTCP, HTTP, SMTP, FTP, NTP, DNS, DHCP, UPnP, DDNS, PPPoE, Samba Client, 3GPP

REMOTE MANAGEMENT

- Configuration accessible via web browser
- Take snapshots/video clips and save to local hard drive via web browser or to NAS or SD card

SECURITY

- Administrator and user group protected
- Password authentication

D-VIEWCAM SOFTWARE FUNCTIONS

- Remote management/control of up to 32 cameras
- Viewing of up to 32 cameras on one screen
- Management functions are provided in the web interface
- Scheduled, motion triggered, or manual recording options

SYSTEM REQUIREMENTS

- Operating System: Microsoft XP, Vista, Windows 7
- Browser: Internet Explorer, Firefox, Mozilla or Opera
- 3GPP Mobile Phone

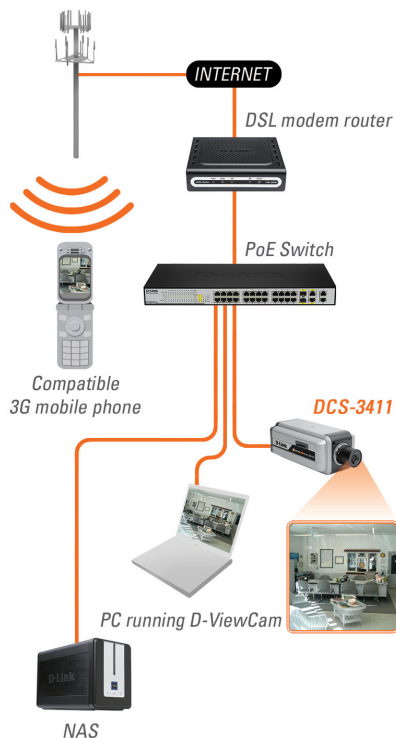
POWER INPUT

- 100-240 V AC, 50/60 Hz, 0.4 A

KEY FEATURES

- View live video streams from a 3G mobile phone or PDA
- Simultaneous Motion JPEG and MPEG-4, H.264 streaming for optimized image quality and bandwidth-efficiency
- Simultaneous profile support: web viewing, 3G mobile viewing, and video recording
- Motion adaptive de-interlacing for high-quality video of moving objects
- RS-485 support for an external PT device
- Low light recording and 16X digital zoom
- BNC connector to integrate the network camera into a CCTV network
- Digital I/O support for sensors and alarms
- 12 V 200 mA DC power output for LED lens
- Optional Auto-iris lens or IR LED lens for low light or night vision
- Save snapshots/video clips to local hard drive via web browser or to NAS or SD card

YOUR NETWORK SETUP



POWER OUTPUT

- 12 V DC, 1.25 A

POWER CONSUMPTION

- 5.484 watts maximum

POWER SUPPLY

- External AC to DC switching power adapter
- Type: USA/UK/EUR/AUS/CN

DIMENSIONS (L x W x H)

- 177 x 78 x 60 mm

WEIGHT

- 577.8 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

OPTIONAL ACCESSORIES

- Auto-iris lens
- IR lens for night vision
- Illuminator for night vision
- External Speakers
- External all-weather vandal proof housing

EMISSION (EMI), SAFETY & OTHER CERTIFICATIONS

- FCC Class B
- IC
- CE
- C-Tick
- LVD

¹ The mobile device must have 3G support and subscribe to 3G service from a service provider. The playback device must be equipped with 3G video playback software such as RealPlayer™ or PacketVideo™.



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