



## **DCS-3410 DAY & NIGHT PoE IP CAMERA WITH 3G MOBILE VIDEO SUPPORT**

### **3G MOBILE VIDEO SUPPORT**

View live video streams from a 3G mobile phone or PDA.

### **DUAL CODEC & MULTIPLE PROFILES**

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

### **POWER OVER ETHERNET**

Receive both data and power over a single Ethernet cable.

### **PRODUCT DESCRIPTION**

The DCS-3410 is a versatile IP camera designed for both day and night, as well as indoor and outdoor applications when an outdoor enclosure is added. The camera is equipped with 2 digital input ports for sensors or alarms, 1 digital output port for an alarm, and 1 power output port for an LED illuminator. An RS-485 port is also included for external pan/tilt devices. The DCS-3410 is Power over Ethernet (PoE) compliant in order to provide easy installation by eliminating the need for a power cable when used with PoE enabled networks. Additional items can be added to the DCS-3410 such as an Auto iris lens, IR LED lens, night vision illuminator, and an outdoor enclosure which is vandal and weather proof.

### **3G MOBILE VIDEO SUPPORT**

The live video feed from the DCS-3410 can be transferred over a 3G cellular network and displayed on a compatible mobile phone or PDA with a 3G video player. This feature offers users a flexible and convenient way to remotely monitor their home or office in real time, from anywhere within the 3GPP service area.

### **DUAL CODEC & MULTIPLE PROFILES**

Simultaneous MJPEG and MPEG-4 video streams allow systems to be optimized for both image quality and bandwidth efficiency. In addition, the DCS-3410 supports 3 separate profiles at the same time: web viewing (CIF and MPEG-4), 3G mobile viewing (QCIF and MPEG-4), and recording (D1 and MJPEG). This kind of versatility enables a wide variety of security applications, whether it's keeping an eye on the office during lunch through a 3G enabled PDA, managing an organized directory of recorded video files on a network attached storage (NAS) device, or fine-tuning a security system in real time over the local network.

#### SURVEILLANCE SOFTWARE

Included with DCS-3410, D-ViewCam

2.0 IP camera surveillance software is a comprehensive surveillance system designed to centrally manage multiple IP cameras for home, Small Office and Home Office (SOHO), or Small and Medium Business (SMB) users. Supporting up to 32 IP cameras, D-ViewCam 2.0 is compatible with all current D-Link IP cameras, offering digital monitoring and recording capabilities of video, audio, and events for various security applications. This software provides users with a wide array of features for added convenience, including video recording and playback, Video mode, Map mode, Wizard mode, Expert mode, Event Action, and more, offering users powerful surveillance software that's easy to use.

#### KEY FEATURES

- + View live video streams from a 3G mobile phone or PDA
- + Simultaneous Motion JPEG and MPEG-4 streaming for optimized image quality and bandwidth-efficiency
- + Simultaneous profile support: web viewing, 3G mobile viewing, and video recording
- + Built-in PoE support for receiving data and power over a single Ethernet cable
- + Motion adaptive de-interlacing for high-quality video of moving objects
- + RS-485 support for an external PT device
- + BNC connector to integrate the IP camera into a CCTV network
- + Digital I/O support for sensors and alarms
- + 12V 200mA DC power output for LED lens
- + Optional Auto Iris lens or IR LED lens for low light or night vision

#### TECHNICAL SPECIFICATIONS

##### CAMERA SPECIFICATIONS

- + Built-in 1/3-inch CCD sensor
- + Minimum illumination: 0.3 lux @ f1.6 (typical); 0 lux (10 meter range with optional IR lens)
- + CS mount lens: 6mm, f1.6
- + Resolution: 470 TV lines
- + AGC / AWB / AES
- + Electronic shutter: 1/60 ~ 1/100,000 sec
- + Lens mount supports Auto Iris lens or IR lens (10 meter range)]
- + Field of view: 58° diagonal, 34° vertical, 45° horizontal

##### LED INDICATORS

- + Link & activity
- + Power

##### RESET BUTTON

- + Reset to factory default settings

##### I/O CONNECTOR

- + 2 inputs
- + 1 output
- + power output 12V DC 200mA

##### RS-485

- + Supports external PT devices

##### MEMORY

- + SDRAM: 64 MB
- + Flash ROM: 8 MB

##### VIDEO FEATURES

- + Adjustable image size and quality
- + Time stamp and text overlays
- + Motion adaptive de-interlacing
- + Flip & mirror
- + 4x digital zoom

##### VIDEO RESOLUTION

- + NTSC support:
  - up to 30 fps at 176x120
  - up to 30 fps at 352x240
  - up to 30 fps at 704x480
- + PAL support:
  - up to 25 fps at 176x144
  - up to 25 fps at 352x288
  - up to 25 fps at 704x576

##### VIDEO ALGORITHM SUPPORT

- + Simultaneous MPEG4 & MJPEG dual format compression
- + Simultaneous profile support for web viewing, 3G mobile viewing, and video recording
- + JPEG compression for still images

##### MICROPHONE

- + Omni-directional
- + Frequency 50 to 16,000 Hz
- + S/N ratio over 42 +/- 3 dB

##### AUDIO

- + Sampling rate:
  - GSM-AMR: 5.15 Kbps
  - ADPCM: 8 Kbps
- + Full duplex audio communication

##### NETWORK CONNECTIVITY

- + 10/100 Mbps Fast Ethernet auto negotiation
- + Power over Ethernet

##### NETWORK PROTOCOL SUPPORT

- + IPv4, ARP, TCP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP AV, RTP, RTSP, RTPC

##### REMOTE MANAGEMENT

- + Configuration can be accessed via web browser
- + Take snapshots and save to hard drive via web browser

##### SECURITY

- + Administrator and user group protected
- + Password authentication

##### OPERATING SYSTEM REQUIREMENTS

- + Device: Windows 2000, XP, Vista, Linux, Mac OS 10.3 or above, Pocket PC, 3GPP
- + Utility: Windows 2000, XP, Vista

##### SURVEILLANCE SOFTWARE FUNCTIONS

- + Remote management and control of up to 32 IP cameras
- + View up to 32 cameras on one screen
- + Supports all management functions provided in web interface
- + Scheduled motion triggered or manual recording options

##### OPTIONAL ACCESSORIES

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

##### Physical & Environmental

##### POWER INPUT

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

##### POWER OUTPUT

- + 12V DC, 1.25A

##### POWER SUPPLY

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

##### POWER CONSUMPTION

- + 12.5 watts maximum

##### DIMENSIONS

- + 17.7 x 7.8 x 6.0 cm

##### WEIGHT

- + 577.8 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

##### EMISSION (EMI), SAFETY & OTHER CERTIFICATIONS

- + FCC
- + IC
- + CE
- + C-Tick

##### PACKAGE INCLUDES

- + DCS-3410 IP camera
- + 12V 1.25A external power adapter
- + Cat.5 Ethernet cable
- + Quick installation guide
- + Master CD
- + Camera stand bracket