SECURICAM ™

DAY & NIGHT NETWORK CAMERA WITH WDR SENSOR

WIRED PoE ACCESS
The built-in 802.3af compliant Power Over Ethernet (PoE) module offers a convenient and cost effective installation

WIDE DYNAMIC RANGE
WDR technology offers high detail and better performance under different lighting conditions, delivering exceptional picture quality

DAY & NIGHT FUNCTIONALITY
Built-in Infrared cut removable (ICR) filter provides day/night functionality

POWERFUL DAY & NIGHT SURVEILLANCE
The DCS-6111 is a fixed dome network camera designed for both daytime and nighttime operation. The camera uses WDR VGA Progressive CMOS technology for better performance under diverse lighting conditions to deliver exceptional picture quality. Wide Dynamic Range achieves detailed images even in high-contrast lighting conditions such as strongly backlit scenes, significantly improving the quality of real-time video. The DCS-6111 implements D-Link's System-on-Chip (SoC) technology to provide high quality video compression in MPEG-4 and Motion JPEG formats. The DCS-6111 also incorporates an auto-iris varifocal lens equipped with IR LEDs for nighttime illumination, making it an ideal solution for around the clock surveillance.

WIDE DYNAMIC RANGE APPLICATIONS
An ideal solution for security applications, the Wide Dynamic Range (WDR) function of a camera provides clear images even in conditions where intensity of illumination can vary excessively. DCS-6111 is recommended for extreme high-contrast environments. For example, when placed near a window, the DCS-6111 will be able to adjust the image despite intense sunlight or artificial light.

SUPPORTS POWER OVER ETHERNET
This camera comes with a built-in 802.3af compliant Power Over Ethernet (PoE) module, which eases the installation process and also gives you the freedom to place the camera wherever needed. In addition, a standard 10/100BASE-TX Ethernet port is also provided for convenient connection to an Ethernet network or to a broadband Internet via a gateway router. The camera can be accessed and viewed as a device on the network.

VERSATILE VARIFOCAL LENS
The DCS-6111 is equipped with a 3.3 ~ 12 mm varifocal lens that allows you to adjust the focus length on desired objects. With a shorter focal length you will get a wider field of view, whereas a longer focal length narrows the field of view and allows you to zoom in on an area of interest.

EASY TO CONFIGURE AND OPERATE
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 feature allows users to remotely access the camera without having to remember the IP address. You may also view up to 32 cameras from a central location using D-ViewCam. D-ViewCam includes a robust set of features including automated e-mail alerts which can instantly inform administrators of suspicious or unusual activities.

WHAT THIS PRODUCT DOES

The DCS-6111 is a fixed dome network camera equipped with an ultra Wide Dynamic Range (WDR) CMOS sensor for better performance under varied lighting conditions. The camera also includes an Infrared (IR) LED for night vision illumination and Infrared-Cut Removable (ICR) module that enables 24-hour surveillance. An 802.3af compliant Power over Ethernet (PoE) module simplifies installation by reducing the need for power cables. The DCS-6111 provides high quality real-time videos in MPEG-4 and JPEG compression formats. The DCS-6111 supports IPv6 protocol and dual stream output for simultaneous live monitoring and high resolution recording making it an ideal solution for small to medium-sized businesses.

3G REMOTE MONITORING

The DCS-6111 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 within your 3G coverage area. 3G mobile video support allows you to monitor a remote location without using a computer or Internet connection.

YOUR NETWORK SETUP

INTERNET

CABLE/DSL ROUTER

PoE switch

DCS-6111

COMPATIBLE 3G MOBILE PHONE

NVR

Monitoring PC

TECHNICAL SPECIFICATIONS

NETWORK PROTOCOL SUPPORT
- IPv4, IPv6, TCP/IP, RTSP, RTP, RTCP, HTTP, SMTP, FTP, NTP, DNS, DHCP, UPnP, DDNS, PPPoE, IGMP, Samba Client, IP Filtering, 3GPP, LLTD

BUILT-IN NETWORK INTERFACES
- 10/100BASE-TX Ethernet port, RJ45

VIDEO ALGORITHM SUPPORT
- JPEG for still images
- MPEG4/MJPEG dual format compression
- 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 of up to 10 clients

VIDEO RESOLUTION
- MPEG-4/MJPEG video resolution up to 640x480 (VGA)
- Up to 30 fps at 176 x 144
- Up to 30 fps at 320 x 240
- Up to 30 fps at 640 x 480

VIDEO FEATURES
- Adjustable image size, quality and bit rate
- Time stamp and text overlays
- 3 configurable motion detection windows
- 5 configurable privacy masks
- Flip & mirror
- Configurable brightness, saturation, contrast
- Adjustable AGC level, AWB and AES

VIDEO BIT RATE
- 20K to 4M

CAMERA SPECIFICATIONS
- 1/4" WDR VGA CMOS sensor
- 3.3 ~ 12 mm varifocal lens, F1.4-F2.9
- View Angle:
  Horizontal 63° ~ 18°
  Vertical 47° ~ 13°
- Built-in IR-cut removable (ICR) filter: Auto/Schedule/Manual Settings
- Minimum illumination: 1.5 Lux @ F1.4

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: external microphone input, external speaker output
- Supports two-way audio by SIP protocol
- Supports hardware and software audio muting

IR LED
- 20M illumination distance with 12 LEDs and light sensor

EVENT MANAGEMENT
- Motion detection by 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
- Multiple recording methods for easy backup

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

SECURITY
- Administrator and user group protection
- Password authentication
- HTTP and RTSP digest encryption
- HTTPS streaming[2]
- Remote client access allow/deny list

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

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

EXTERNAL DEVICE INTERFACE
- D/I and D/O for external sensor and alarm

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

DIAGNOSTIC LED
- 2 color LED

POWER INPUT
- 100-240 V AC, 50/60 Hz, 12 V DC, 1.25 A

POWER CONSUMPTION
- Max 11 W

DIMENSIONS (W x D x H)
- 194 x 180 x 107 mm

WEIGHT
- 650 g

SUPPORTED PDA, MOBILE PHONES & SOFTWARE
- Handsets with 3GPP player
- Packet Video Player 3.0
- QuickTime 6.5
- Real Player 10.5
- Windows 2000, XP

OPERATION TEMPERATURE
- 0 ºC to 40 ºC (32 ºF to 104 ºF)

STORAGE TEMPERATURE
- -20 ºC to 70º C (-4 ºF to 158 ºF)

HUMIDITY
- 20% to 80% non-condensing

CERTIFICATIONS
- FCC
- CE
- C-Tick

[1] The mobile device must have 3G support and subscribe to 3G service from the phone service provider. The playback device must be equipped with 3G video playback such as RealPlayerTM or PacketVideoTM.

[2] HTTPS streaming will reduce the video frame rate automatically.

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