



DCS-7110 HD Outdoor Day & Night Network Camera



Product highlights

- 1/4" Megapixel progressive CMOS sensor
- HD resolution: 1280 x 800 (Megapixel) at 30 fps
- IP-66 certified weatherproof housing
- PoE powered – no need for a separate power supply
- Built-in IR LEDs for Day & Night operation (15 m. illumination distance)
- Built-in IR-Cut Removable (ICR) filter, for enhanced colour rendering in the day and good results in low light conditions
- Simultaneous streaming in H.264, MJPEG and MPEG-4 compression
- Hardware-based motion detection
- Tamper detection
- IPv6 support
- Privacy mask function
- 3GPP support – watch live video from a compatible smartphone
- Digital I/O support for sensors and alarms
- Open Network Video Interface Forum (ONVIF) compliant
- D-ViewCam (DCS-100) monitoring software included (support for up to 32 cameras)

HD resolution

High-resolution images ensure that you capture the details that you need

Reliable 24-Hour Surveillance

Infrared LED illuminators provide a clear picture at night for dependable 24-hour surveillance

Outdoor Installation

The IP66 certified enclosure can be mounted outdoors and operated at temperatures from -20 to 50 °C

The D-Link DCS-7110 is a high-definition outdoor network camera, equipped with a 1/4" Megapixel CMOS sensor and 4 mm F1.5 fixed-focus lens. The DCS-7110 is capable of capturing video in both dark and light environments with its built-in IR LEDs and removable IR-cut filter which provides high quality video day or night. The ICR Filter can be manually applied via the web, or set to automatically adjust based on lightning conditions. Capture crisp color images during the daytime and detailed greyscale images at night or in or low-light conditions.

Multiple Video Streams

The DCS-7110 supports simultaneous streaming of H.264, MPEG-4, and MJPEG video to provide both high-quality and bandwidth-efficient compression formats. MJPEG delivers excellent file integrity, ideal for situations which require extensive image detail. H.264 produces a small file size, making it more useful for extended recording or for use in low-bandwidth networks. Additionally, the DCS-7110 supports multicast H.264 streaming, allowing users to view the camera images by subscribing to a multicast group on the network.

Flexible Connectivity

The DCS-7110 includes input and output ports for connectivity to external devices such as IR sensors, switches, and alarm relays. It also comes with an RS-485 interface, providing connectivity to an optional pan/tilt enclosure. The DCS-7110 also incorporates Power over Ethernet (PoE), allowing it to be easily installed in a variety of locations without the need for supplemental power cabling.

Tamper Detection

Designed to be mounted outdoors, the DCS-7110 includes an IP66 certified enclosure

which protects against the environmental elements. This makes it suitable for tamperprone locations such as transportation hubs, schools, or correctional facilities. The tamper detection feature can sense whenever the camera has been redirected, de-focused, blocked, or spray-painted, and respond promptly with a visible or audible alarm.

Removable IR-Cut filter

The DCS-7110 comes with a ICR Filter which can be manually applied via a web interface, or can be set to automatically adjust based on lighting conditions. This feature allows the camera to capture crisp colour images during the daytime, and grayscale images at night.

Open Network Video Interface Forum (ONVIF) compliant

The Open Network Video Interface Forum (ONVIF) is standards relating to open IP video networking. The DCS-7110 is ONVIF compliant and therefore interoperable with other manufacturer's products on the same network such as cameras, storage systems, video analytics products and Video Management Systems.

Centralised management with D-ViewCam™

D-ViewCam™ IP camera surveillance software is a comprehensive surveillance system designed to centrally manage multiple IP cameras. Supporting up to 32 IP cameras, D-ViewCam™ is compatible with all current D-Link IP cameras, Video Servers and offers 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, playback, video live view, offering users powerful surveillance software that's easy to use. D-ViewCam™ software is included free of charge with DCS-7110.

Technical Specification

Camera Dimensions



What this product does

The DCS-7110 HD IR Outdoor Network Camera is a professional IP surveillance solution which connects to your network to provide high-quality live video over the Internet. Infrared LEDs and ICR technology ensure that the images captured are clear and sharp at all times, day or night.

3GPP Mobile Surveillance

Support for 3GPP Mobile Surveillance allows you to view a live video feed from your 3GPP compatible Internet-ready mobile device. This extends your monitoring capability, allowing you to check your camera's video feed while on the go without a computer.

Hardware Profile

- Sensor: 1/4" Megapixel progressive CMOS sensor
- SDRAM: 256 Mbytes
- Flash Memory: 128 Mbytes
- ICR: Built-in Infrared-Cut filter Removable module
- Lens: 4 mm fixed lens , F1.5
- View Angle: Horizontal 65.4 degrees
- IR LED: 15 meter illumination distance and light sensor

Image 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, sharpness

Video Algorithms Supported

- H.264/MPEG4/MJPEG format compression simultaneously
- JPEG for still image
- H.264/MPEG-4 multicast streaming

Video Resolution

- 176x144 @ 30 fps
- 320x240 @ 30 fps
- 640x480 @ 30 fps
- 1280x720 @ 30 fps
- 1280x800 @ 30 fps

Network Protocols

- IPv4, IPv6
- TCP/IP, UDP, ICMP
- DHCP Client
- NTP Client (D-Link)
- DNS Client, DDNS Client (D-Link)
- SMTP Client
- FTP Client
- HTTP / HTTPS
- Samba Client
- PPPoE
- UPnP Port Forwarding
- RTP / RTSP / RTCP
- IP filtering
- 3GPP
- LLTD
- CoS/QoS
- SNMP/IGMP
- SNMP
- IGMP
- 802.1x
- ONVIF Compliant

3GPP Mobile Surveillance

- Packet Video Player 3.0
- QuickTime 6.5
- Real Player 10.5

System Requirements for Viewing

- Internet Explorer 6 or later

D-ViewCam™ System Requirements

- Operating System: Microsoft Windows® 7 / Vista / XP
- Web Browser: Internet Explorer 6 or higher
- Protocol: Standard TCP/IP

Power Input

- 12 V DC 1.25 A, 24 V AC, 50/60 Hz
- PoE: IEEE 802.3af

Maximum Power Consumption

- 6 W

Operating Temperature

- -20 to 50 °C (-4 to 122 °F)

Storage Temperature

- -20 to 70 °C (-4 to 158 °F)

Humidity

- 90% non-condensing

Weight

- 783 g

Certifications

- CE (Class A)
- CE LVD (EN60965-1)
- FCC (Class A)
- ICES-003, ICES-006
- C-Tick

