D-Link
Building Networks for People

Product Highlights

Full HD Resolution

High resolution sensor and lens provide crystal clear video, ensuring that each and every detail gets captured

Reliable 24-Hour Surveillance

Infrared LED Illuminators give you night vision for dependable 24-hour surveillance when you need it most

Outdoor Installation

The sturdy integrated IP66 certified enclosure can be mounted outdoors and provides weather protection

DCS-7110

Full HD Day & Night Outdoor Network Camera

Features

High Performance
- 1/2.7" 2 Megapixel CMOS sensor
- Real-time H.264 / MPEG-4 / MJPEG
- Max resolution 1920x1080 at 15 fps

Crystal Clear Video
- Four (4) simultaneous streams
- Built-in 4 mm, F1.5 fixed lens
- 45 ft IR illumination distance
- Mechanical IR filter for day/night vision

Robust Security
- Tamper detection
- Motion detection
- Privacy mask
- IPv6, 802.1x, QoS, CoS
- HTTPS secured streaming

Full Compatibility
- Samba client
- IP66 weatherproof
- ONVIF compliant
- 12V DC, 24V AC and PoE
- DI/DO socket

The D-Link DCS-7110 is an all-in-one, outdoor network camera equipped with industry-leading high definition (Full HD) megapixel resolution and H.264 compression. The DCS-7110 connects to a network to provide high-quality live video over the Internet, capable of capturing video in both day and night environments thanks to its built-in IR LEDs and mechanical IR filter. This feature allows the camera to capture crisp color video during the daytime and detailed grayscale video at night or in 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. H.264 produces a small file size, making it useful for extended recording in high detail or for use in low-bandwidth networks. MJPEG delivers excellent file integrity, ideal for situations which require better image quality. Additionally, the DCS- 7110 supports multicast H.264 streaming, allowing users to view the camera feed by subscribing to a multicast IP address 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. The DCS-7110 also incorporates Power over Ethernet (PoE), allowing it to be easily installed in a variety of locations with a single network cable.

Weatherproof and Tamper Proof

Designed to be mounted outdoors, the DCS-7110 includes an IP66 certified enclosure which protects against the elements. Anti-tamper features make this camera suitable for tamper-prone locations such as transportation hubs, schools, or correctional facilities. The electronic tamper detection system can sense when the camera has been redirected, de-focused, blocked, or spray-painted, and respond promptly with a visible or audible alarm.

D-ViewCam for Management

The included D-Link D-ViewCam™ is sophisticated software which allows users to manage up to 32 network cameras, set e-mail alert notifications, create recording schedules, and use motion detection to record directly to a hard drive. D-ViewCam™ also allows users to upload a floor plan to create a realistic layout of the premises where cameras are located, further simplifying the management process.

Technical Specifications		
General		

Hardware Profile	• 1/2.7" 2 Megapixel progressive CMOS sensor
	• 45 feet IR illumination distance
	• Built-in mechanical IR filter module
	• 4 mm fixed lens , F1.5
	• Shutter speed: 1/5 - 1/32,000 seconds
		• Angle of view:
		  • 77.4° (H)
		  • 45.1° (V)
		  • 88° (D)
		• Minimum object distance: 16"

Image Features	• Configurable image size, quality, frame rate, and bit rate
	• Time stamp and text overlays
	• 3 configurable motion detection windows
	• Min Illumination:
	  • 0.12 Lux (day color mode)
	  • 0 Lux (night mode) with IR LED
		• 5 configurable privacy masks
		• Flip & mirror
		• Configurable white balance, shutter speed, brightness, saturation, contrast, sharpness

Functionality		
Video Compression	• H.264 / MPEG-4 / MJPEG format compression • H.264 / MPEG-4 multicast streaming	• JPEG for still image
Video Resolution	• 1920 x 1080 @ 15 fps • 640 x 480 @ 30 fps • 320 x 240 @ 30 fps	• 1280 x 800 @ 30 fps • 1280 x 720 @ 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 • LLTD • CoS/QoS • SNMP • IGMP • 802.1x • ONVIF Compliant
Security	• Administrator and user group protection • Password authentication	• HTTP and RTSP digest encryption • HTTPS streaming
System Requirements	• Microsoft Windows 7/8, Vista	• Internet Explorer 7 or higher
D-ViewCam™ System Requirements	• Operating System: Microsoft Windows 7/8, Vista • Web Browser: Internet Explorer 7 or higher	• Protocol: Standard TCP/IP
Event Management	• Motion detection • Event notification and upload snapshots/video clips via HTTP, SMTP or FTP	• Supports multiple HTTP, SMTP and FTP servers • Multiple event notification • Multiple recording methods for easy backup
D-ViewCam™ System Functions	• Remote management/control of up to 32 cameras • Viewing of up to 32 cameras on one screen	• Scheduled motion triggered and manual recording • Supports all management functions provided in web interface
External Device Interface	• DI and DO for external sensor and alarm	

Physical	
Dimensions	• 2.68" x 1.65" x 2" (68 x 42 x 51 mm)
Weight	• 1.78 lbs (808 grams)
Power	• Input: 12 V DC 1.25 A, 24 V AC, 50/60 Hz, 802.3af PoE
Max. Power Consumption	• 6.3W
Temperature	• Operating temperature: -4˚ to 122˚ F (-20˚ to 50˚ C) • Storage: -4˚ to 158˚ F (-20˚ to 70˚ C)
Humidity	• Operating: 0% to 90% non-condensing
Certifications	• CE (Class A) • ICES-003 • CE LVD (EN60965-1) • C-Tick • FCC (Class A)

Warranty Information	
Warranty	• 5 Year Warranty[1]

Order Information	
Part Number	*Description*
DCS-7110	Full HD Day & Night Outdoor Network Camera

[1]5-Year Warranty available only in the USA
Updated 2014/7/2 (Hardware Revision B1)

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