



Product Highlights

- WDR VGA Progressive CMOS Sensor
- Built-in IR-Cut Removable (ICR) Filter for Day/Night Use
- 3-Axis Lens Adjustment for Ceiling and Wall Mount Application
- Tamper-resistant Casing
- 4x Digital Zoom⁴
- Up to 30 Frames Per Second



DCS-6111

Day & Night WDR Dome Network Camera

Features

- Simultaneous Dual-Stream Support
- Motion Detection Recording with E-mail Alert
- Built-in Samba Client
- Digital I/O Support for Sensors and Alarm
- Built-in 802.3af PoE

D-ViewCam™ Features

- Manage up to 32 Cameras at once
- Adjustable Image Size and Quality
- Custom Recording Schedules
- Event Notifications
- Upload a Floor Plan
- Flip & Mirror Image

Powerful Day & Night Surveillance

The D-Link® DCS-6111 Day & Night Camera with WDR Sensor is designed for professional around-the-clock surveillance. It uses a Wide Dynamic Range (WDR) VGA Progressive CMOS sensor for better performance under various lighting conditions, delivering exceptional picture quality. The WDR provides the DCS-6111 the capability to capture high resolution, detailed images in high contrast lighting conditions and significantly improves the quality of real-time videos. The DCS-6111 is equipped with D-Link's System-on-Chip (SoC) products to provide high quality video compression in MPEG-4 and Motion JPEG formats. It also incorporates varifocal lens with IR LEDs to offer enhanced flexibility and enhanced security, making it the ideal solution for 24/7 hour surveillance.

Wide Dynamic Range (WDR) Applications

The DCS-6111 is recommended for extreme high contrast environments. The Wide Dynamic Range (WDR) function of the camera provides clear image even in backlit scenes where intensity of illumination can vary excessively. For example, when placed on the inside of the room, the DCS-6111 will be able to see through the intense sunlight or coming in from the windows.

Various Installation Methods

The DCS-6111 has a unique built-in three axis mechanism that can be drop-mounted from the ceiling for an unobtrusive look, or mounted on a wall, all with the same housing design. Combined with tamper-resistant casing, the DCS-6111 is a fixed dome solution that makes monitoring discreet and protects against tampering.

Multiple Streaming

The DCS-6111 supports simultaneous streaming of MPEG-4 and MJPEG video to provide both high quality and bandwidth efficient compression formats. MJPEG delivers greater file integrity, making it ideal for detailed monitoring situations. MPEG-4 has smaller file sizes, making it more useful for extended recording periods or for use in low bandwidth networks.

3GPP Mobile Surveillance

Support for 3GPP Mobile Surveillance allows you to view a live video feed from your compatible Internetready mobile phone with a 3GPP player installed. This extends your monitoring capability without requiring the use of a computer, allowing you to check your camera's video feed while on-the-go.

Additional Features

The DCS-6111 comes with audio ports allowing 2-way audio communication² when an external microphone and speaker is connected and even includes an audio on/off switch to ensure privacy when needed. The DCS-6111 also comes with a built-in Samba client for NAS so there is no need for a direct connection to a PC or any other hardware or software to capture and transfer images. Equipped with 802.3af Power over Ethernet (PoE) support³, the DCS-6111 can receive both power and data over a single Ethernet cable, allowing you the freedom to place the camera anywhere without being anchored to a power outlet.

Convenient Management

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

Technical Specifications		
Camera		
General Specifications	<ul style="list-style-type: none">• 1/4-inch Non-Interlaced Color CCD Sensor• Built-in IR-Cut Removable (ICR) filter: Auto/Schedule/Manual Settings	<ul style="list-style-type: none">• Minimum Illumination: 1.5 Lux @ F1.4• Lens: 3.3-12mm Varifocal lens, F1.4-F2.9
IR LED	<ul style="list-style-type: none">• 20 Meter illumination distance with 12 IR LEDs and light sensor	
Camera View Angle	<ul style="list-style-type: none">• Horizontal: 63.3° to 17.9°• Diagonal: 82.7° to 22.4°• Vertical: 46.5° to 13.5°	
3-Axis Angle (Non-motorized)	<ul style="list-style-type: none">• Vertical: 85°• Rotational: 350°• Horizontal: 350°	
Audio	<ul style="list-style-type: none">• External Microphone Input• Supports two-way audio by SIP• External Speaker Output• Supports hardware and software audio mute	<ul style="list-style-type: none">• GSM-AMR speech compression• Bit Rate: 4.75kbps - 12.2kbps• MPEG-4 AAC audio encoding, bit rate: 16 kbps-128kbps
Video Resolution	<ul style="list-style-type: none">• 30fps at 640x480 (VGA)• 30fps at 320x240 (QVGA)	<ul style="list-style-type: none">• 30fps at 176x144 (QCIF)
Video Features	<ul style="list-style-type: none">• Adjustable image size, quality and bit rate• Flip & Mirror• Time stamp ad text overlays• Configurable brightness, saturation, contrast	<ul style="list-style-type: none">• 3 configurable motion detection windows• Adjustable AGC level, AWB and AES• 5 configurable privacy masks
Video Bit Rate	<ul style="list-style-type: none">• 20K to 4M	
Network Connectivity	<ul style="list-style-type: none">• 10/100 Mbps Fast Ethernet• RJ-45	

Specifications continue

General I/O	<ul style="list-style-type: none"> • 1x input • 1x output
Dimension (W x D x H)	<ul style="list-style-type: none"> • Item: 7.6" x 7.1" x 4.2" (194mm x 180mm x 107mm) • Package: 11" x 8.3" x 6.9" (279mm x 211mm x 175mm)
Weight	<ul style="list-style-type: none"> • Item: 1.4 lbs (650 grams) • Package: 3.4 lbs (1542 grams)
Power Input	<ul style="list-style-type: none"> • 100-240VAC, 50/60Hz, 12VDC, 1.25A, PoE 802.3AF
Power Consumption	<ul style="list-style-type: none"> • Maximum 11 Watts

Software

Video Algorithm Support	<ul style="list-style-type: none"> • JPEG Compression for Still Images • Simultaneous Dual-Stream Support (MPEG-4 and MJPEG) • Simultaneous profile support for web viewing, 3G mobile viewing¹, and video recording • MPEG-4/MJPEG dual format compression 	<ul style="list-style-type: none"> • MPEG-4 streaming over UDP, TCP, or HTTP • MJPEG streaming over HTTP • Camera live viewing of up to 10 clients
Networking Protocols	<ul style="list-style-type: none"> • IPv4 • DHCP • ARP • DNS • TCP/IP • DDNS (D-Link) • HTTP • HTTPS • SMTP • Samba • FTP 	<ul style="list-style-type: none"> • PPPoE • NTP (D-Link) • RTP • UDP • RTSP • IGMP • RTCP • 3GPP • IP filtering • IPv6 • UPnP™ Port Forwarding
Security	<ul style="list-style-type: none"> • Administrator and User Group Protected • Password Authentication • HTTP/HTTPS and RTSP digest encryption 	<ul style="list-style-type: none"> • Remote client access allow/deny list • HTTPS streaming
Event Management	<ul style="list-style-type: none"> • Motion detection by weekly schedule • Event notification and upload snapshots/ video clips via HTTP, SMTP, or FTP • Multiple HTTP, SMTP, or FTP server setups 	<ul style="list-style-type: none"> • Multiple event notification setups • Multiple Recording methods for easy backups
Remote Management	<ul style="list-style-type: none"> • Camera Configuration and Camera System Log (viewed via Java-Enabled Web Browser) • Take snapshots and save to hard drive via web browser • D-ViewCam™ 	
Surveillance Software Functions	<ul style="list-style-type: none"> • Remote management/control of up to 32 cameras • Viewing of up to 32 cameras on one screen 	<ul style="list-style-type: none"> • Supports all management functions provided in web interface • Scheduled motion triggered, or manual recording options

Minimum Requirements

To View	<ul style="list-style-type: none"> • Java-Enabled Web Browser (Internet Explorer v6.0 or later, Safari, Firefox, Opera, etc)
To Run D-ViewCam™ Software	<ul style="list-style-type: none"> • Operation System: Windows Vista®, Microsoft Windows® XP⁵ • Web Browser: Internet Explorer v6 or later • Protocol: Standard TCP/IP

DCS-6111 Day & Night WDR Dome Network Camera

Warranty Information

Warranty

• 5 Year Warranty⁶

Ordering Information

DCS-6111

• Fixed Dome Network Camera, 1.5 Lux, 3.3mm Varifocal Lens, PoE, 3G

¹ The mobile device must be Internet-ready. Support Real Time Streaming Protocol (RSTP) and be equipped with a 3G video player such as PacketVideo™, Quicktime™, or RealPlayer™, and have Internet access.

² Use of audio or video equipment for recording the image or voice of a person without their knowledge and consent is prohibited in certain states or jurisdictions. The end-user assumes all liability for compliance with applicable state, local, and federal laws.

³ A PoE switch or router is required to provide power in the Ethernet connection.

⁴ 4x Digital Zoom enlarges an image by magnifying the pixels in a selected portion of the image by 4 times.

⁵ Computer must adhere to Microsoft's recommended system requirements. Please contact Microsoft for details.

⁶ 5 Year Warranty available only in the USA

All references to speed are for comparison purposes only. Product specification, size and shape are subject to change without notice, and actual product appearance may differ from that depicted herein



For more information

U.S.A. | 17595 Mt. Herrmann Street | Fountain Valley, CA 92708 | 800.326.1688 | dlink.com **Canada** | 2525 Meadowvale Blvd | Mississauga, ON L5N 5S2 | 800.361.5265 | dlink.ca

©2011 D-Link Corporation/D-Link Systems, Inc. All rights reserved. D-Link, D-Link logo, and the D-ViewCam™ logo are registered trademarks of D-Link Corporation or its subsidiaries in the United States and/or other countries. Other trademarks or registered trademarks are the property of their respective owners. Visit www.dlink.com for more details.

updated 05/03/12

D-Link®
Building Networks for People