DCS-3112
HD Day/Night IP Camera

Product Highlights:

1.3 Megapixel Resolution
- HD-720P high resolution images ensure that you capture the details that you need

Remote Monitoring
- Monitor your business over the Internet, or through the included D-ViewCam software

High-Quality Video Feeds
- Real-time video compression with H.264, MPEG-4, and MJPEG codec for distribution and recording of high definition video

Features:
- Sony Exmor 1/4" 1.3 Megapixel CMOS progressive sensor
- Real-time H.264, MPEG-4, and Motion JPEG compression
- HD resolution up to 1.3M (1280x1024)
- DC iris varifocal 3.5 mm (W) to 8 mm (T) F1.4 CS mount lens
- Built-in removable IR-cut filter for day/night surveillance
- Simultaneous multi-stream support
- ePTZ for image manipulation
- Supports multiple access lists
- Privacy Mask feature
- SD Card slot
- 2-way audio support
- 2 alarm inputs / 1 alarm output
- Power over Ethernet (PoE)
- 3GPP mobile surveillance
- Built-in Samba client for NAS
- Open Network Video Interface Forum (ONVIF) compliant

High Resolution Surveillance

The D-Link DCS-3112 is a high-end HD Day/Night IP Camera, equipped with a 1/4" Megapixel Progressive Scan CMOS sensor and a 3.5-8 mm DC auto iris lens. The camera can capture HD video at resolutions of up to 1280 x 720/1280 x 1024 with frame rates up to 30 fps. Snapshots and video can be saved to a network drive, or to onboard storage through the built-in SD Card slot.

Multiple Video Streams

The DCS-3112 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 high image detail. H.264 and MPEG-4 produce a small file size, useful for extended recording or for use in low-bandwidth networks. Additionally, the DCS-3112 supports multicast H.264 and MPEG-4 streaming, allowing users to view the camera feed by subscribing to a multicast IP address on the network.

Removable IR-Cut filter

The DCS-3112 comes with an ICR Filter which can be manually applied via the web, or set to automatically adjust based on lighting conditions. This feature allows the camera to capture crisp colour images during the daytime, and grayscale images in low light.

3GPP Mobile Surveillance

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

Flexible Connectivity

The DCS-3112 incorporates Power over Ethernet (PoE), which allows it to be easily installed in a variety of locations, even when no power outlet is nearby. The DCS-3112 also includes input and output ports that allow connectivity to external devices such as IR sensors, switches, and alarm relays. An RS-485 interface provides connectivity to an optional pan/tilt enclosure which effectively adds pan/tilt functionality to the DCS-3112. An additional 12 V interface provides power for an optional LED illuminator.

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 directly record important events 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.

Open Network Video Interface Forum (ONVIF) Compliant

ONVIF is an open industry forum for the development of a global standard for the interface of IP based physical security products. ONVIF identifies a standard for how IP products within video surveillance and other physical security areas can communicate with each other ensuring interoperability between products regardless of brand.

The DCS-3112 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.

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DCS-3112
HD Day/Night IP Camera

D-Link Assist
Rapid Response Support

If the worst should happen to your network you need the very best support and fast. Downtime costs your business money. D-Link Assist maximises your uptime by solving technical problems quickly and effectively. Our highly-trained technicians are on standby around the clock, ensuring that award-winning support is only a phone call away.

With a choice of three affordable service offerings covering all D-Link business products, you can select the package that suits you best:

D-Link Assist Gold - for comprehensive 24-hour support
D-Link Assist Gold is perfect for mission-critical environments where maximum uptime is a high priority. It guarantees four hour around-the-clock response. Cover applies 24/7 for every day of the year including holidays.

D-Link Assist Silver - for prompt same-day assistance
D-Link Assist Silver is designed for 'high availability' businesses that require rapid response within regular working hours. It provides a four hour response service Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist Bronze - for guaranteed response on the next business day
D-Link Assist Bronze is a highly cost-effective support solution for less critical environments. Response is guaranteed within eight business hours Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist can be purchased together with any D-Link business product. So whether you're buying switching, wireless, storage, security or IP Surveillance equipment from D-Link, your peace of mind is guaranteed. D-Link Assist also offers installation and configuration services to get your new hardware working quickly and correctly.

Technical Specifications

Camera	Camera Hardware Profile	• Sony Exmor 1/4" 1.3 Megapixel progressive CMOS sensor • Minimum illumination: 0.4 lux (Color); 0.04 lux (B/W) • Built-in Infrared-Cut Removable (ICR) Filter module • 10X digital zoom	• DC iris varifocal length: 3.5 mm to 8 mm • Aperture: F1.4 • Angle of view: (H) 35.4° to 77.6° (V) 26.6° to 57.6° (D) 44.3° to 97.9°
	Image Features	• Configurable image size, quality, frame rate, and bit rate • Time stamp and text overlays • Configurable motion detection windows	• 3 configurable privacy mask zones • Configurable white balance, shutter speed, brightness, saturation, contrast, and sharpness
	Video Compression	• H.264/MPEG-4/MJPEG simultaneous format compression	• JPEG for still images • H.264/MPEG-4 multicast streaming
	Video Resolution	• 16:9 - 1280 x 720, 800 x 450, 640 x 360, 480 x 270, 320 x 176, 176 x 144 • 4:3 - 1280 x 1024, 1280 x 960, 1024 x 768, 800 x 600, 640 x 480, 480 x 360, 320 x 240, 176 x 144 • All resolutions support frame rates of up to 30 fps	
	Audio Support	• G.726	
	Device Interfaces	• 10/100 BASE-TX Ethernet port with PoE • 2 DI / 1 DO interface • 12 V DC, 200 mA Output • RS-485	• SD card • Audio input / output • Video output
Network	Network Protocols	• IPv4, 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, IGMP, ONVIF compliant	
	Security	• Administrator and user group protection • Password authentication	• HTTP and RTSP digest encryption
System Management	System Requirements for Web Interface	• Operating System: Microsoft Windows 7/Vista/XP/2000	• Browser: Internet Explorer, Firefox, Netscape, Opera
	Event Management	• Motion detection • Event notification and upload of snapshots/video clips via HTTP, SMTP, or FTP	• Supports multiple HTTP, SMTP, and FTP servers • Multiple event notifications • 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
	Mobile Support	• Windows 7/Vista/XP system, Pocket PC, or mobile phone with 3GPP playback support	
	D-ViewCam™ System Requirements	• Operating System: Microsoft Windows 7/Vista/XP • Web Browser: Internet Explorer 6 or higher	• Protocol: Standard TCP/IP
	D-ViewCam™ 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

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Technical Specifications

General	Power Input	12 V DC 1.25 A, 50/60 Hz, 802.3af PoE
	Max. Power Consumption	3.6 watts
	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
	Weight	560 g
	Certifications	CE (Class A), CE LVD (EN60965-1), FCC (Class A), ICES-003, C-Tick
Dimensions		

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