



HD Day & Night Network Camera

1.3 Megapixel Resolution

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

Remote Monitoring

Monitor your home or office 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 codecs

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
- 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
- ONVIF compliant



High Resolution Surveillance

The D-Link DCS-3112 is a high-end HD Day & Night Network 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.

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.

Smart And Easy To Use

The included D-ViewCam software allows you to view up to 32 cameras on a single computer screen from a central location. E-mail notifications can be sent whenever an event occurs, such as when motion is detected, if a camera is moved, or if a link to a camera is lost. Record snapshots and video automatically through motion-triggered recording, or according to a set schedule that you define.





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Technical Specifications

Camera	Camera Hardware Profile	<ul style="list-style-type: none"> ▪ 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 	<ul style="list-style-type: none"> ▪ 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	<ul style="list-style-type: none"> ▪ Configurable image size, quality, frame rate, and bit rate ▪ Time stamp and text overlays ▪ Configurable motion detection windows 	<ul style="list-style-type: none"> ▪ 3 configurable privacy mask zones ▪ Configurable white balance, shutter speed, brightness, saturation, contrast, and sharpness 	
	Video Compression	<ul style="list-style-type: none"> ▪ H.264/MPEG-4/MJPEG simultaneous format compression ▪ JPEG for still images 	<ul style="list-style-type: none"> ▪ H.264/MPEG-4 multicast streaming 	
	Video Resolution	<ul style="list-style-type: none"> ▪ 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	<ul style="list-style-type: none"> ▪ G.726 		
	Device Interfaces	<ul style="list-style-type: none"> ▪ 10/100 BASE-TX Ethernet port with PoE ▪ 2 DI / 1 DO interface ▪ 12 V DC, 200 mA Output ▪ RS-485 	<ul style="list-style-type: none"> ▪ 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	<ul style="list-style-type: none"> ▪ Administrator and user group protection ▪ Password authentication 	<ul style="list-style-type: none"> ▪ HTTP and RTSP digest encryption 	
System Management	System Requirements for Web Interface	<ul style="list-style-type: none"> ▪ Operating System: Microsoft Windows 7/Vista/XP/2000 ▪ Browser: Internet Explorer, Firefox, Netscape, Opera 		
	Event Management	<ul style="list-style-type: none"> ▪ Motion detection ▪ Event notification and upload of snapshots/video clips via HTTP, SMTP, or FTP 	<ul style="list-style-type: none"> ▪ Supports multiple HTTP, SMTP, and FTP servers ▪ Multiple event notifications ▪ Multiple recording methods for easy backup 	
	Remote Management	<ul style="list-style-type: none"> ▪ 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	<ul style="list-style-type: none"> ▪ Operating System: Microsoft Windows 7/Vista/XP ▪ Web Browser: Internet Explorer 6 or higher 	<ul style="list-style-type: none"> ▪ Protocol: Standard TCP/IP 	
	D-ViewCam™ 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 	



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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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