D-Link®

DCS-3112

HD Day & Night Network Camera

Features

- Sony Exmor 1/4" 1.3 Megapixel progressive CMOS sensor
- Real-time H.264, MPEG-4, and Motion JPEG compression
- HD resolution up to 1.3MP (1280x1024)
- DC iris varifocal 3.5 mm (W) to 8 mm (T) f1.4 CS mount lens
- Built-in mechanical 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" 1.3 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.

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.

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.

D-ViewCam™ for Management

The included 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 and offers digital monitoring and recording capabilities of video, audio, and events for various security applications. The D-ViewCam™ software is included free of charge with the DCS-3112.

Open Network Video Interface Forum (ONVIF)

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 compatible with many third party Video Management Software (VMS) solutions.

Front

Right

Back

Left

Technical Specifications

Camera

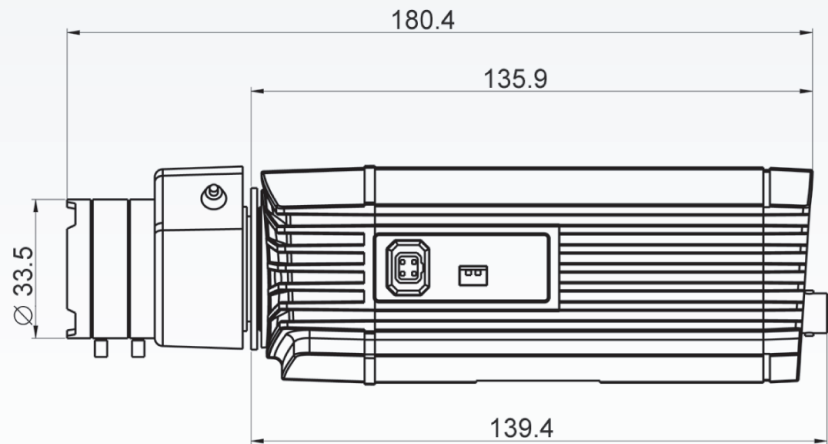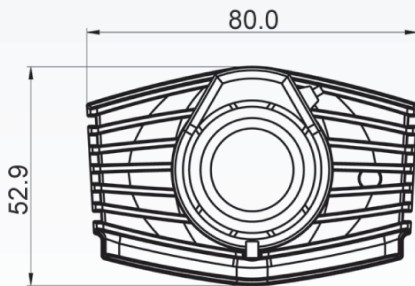|	
Hardware Profile	• Sony Exmor 1/4" 1.3 Megapixel progressive CMOS sensor • Minimum illumination: 0.4 lux (Color); 0.04 lux (B/W) • Built-in Infrared-Cut Removable (ICR) Filter module • 10X digital zoom • DC iris varifocal length: 3.5 mm to 8 mm • Aperture: F1.4
Field of View	• Horizontal: 77.6° to 35.4° / Vertical: 57.6° to 26.6°
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
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
External Device Interface	• 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:
	  - Windows® 7, Windows Vista®, Windows® XP,
	    Windows® 2000
	
	• Browser:
	  - Internet Explorer, Mozilla Firefox, Netscape, Opera

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
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

General Specifications	
Power Input	• 12V DC 1.25 A, 50/60 Hz, 802.3af PoE
Max. Power Consumption	• 3.6 watts
Operating Temperature	• 32 to 104° F (0° to 40° C)
Storage Temperature	• -4° to 158° F (-20° to 70° C)
Humidity	• 20% to 80% non-condensing
Weight	• 1.23lbs (560 grams)
Certifications	• CE (Class A) • CE LVD (EN60965-1) • FCC (Class A) • ICES-003 • C-Tick
Dimensions	• Length (with Lens): 7.1″ (180.4mm) • Length (without Lens): 5.39″ (135.9mm) • Width 3.15″ (80mm) • Heigth: 2.1″ (52.9mm)

Warranty	
Warranty	• 5-Year Warranty[1]
Order Information	
Part Number	*Description*
DCS-3112	HD Day & Night Network Camera
DCS-55	Outdoor Camera Enclosure, PoE-Powered, IP66 Certified
DNS-726-4	SecureCenter 2-Bay Network Video Recorder (NVR) Pro Edition

[1]5-Year Warranty available only in the USA. All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

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For more information

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D-Link®

Building Networks for People

HD 720P ONVIF SECURICAM