

Product Highlights

Precision Monitoring

Pan, tilt, and zoom apparatus provides a 360 degree range of motion with proportional speed adjustment

High-quality Video Feeds

Real-time video compression using H.264, MPEG4, and MJPEG codecs

Wide Dynamic Range

Wide Dynamic Range technology corrects imperfect lighting, providing clear images with the right amount of contrast even when a subject is backlit



DCS-6616

12X WDR Day/Night Speed Dome Network Camera

Features

Camera

- 1/4" CCD (Sony Super HAD-II)
- WDR for difficult or contrasting lighting conditions
- 12X optical zoom and 12X digital zoom
- F1.6 to F2.7
- Built-in removable IR-cut filter for day/night surveillance
- Built-in Samba client for NAS
- Angle of view (Horizontal): 3.6° to 60.8°
- 3GPP mobile surveillance
- ONVIF Compliant

Connections

- 10/100 BASE TX Ethernet port
- MicroSD card slot¹
- Audio in/out
- 8 alarm inputs/1 alarm output

Video & Audio

- Real-time H.264, MPEG-4 and Motion JPEG compression
- Multi-stream broadcast
- 2-way audio
- G.726 audio codec support
- Multiple access list
- Privacy Masks

D-Link's DCS-6616 12X WDR Day/Night Speed Dome Camera is a PTZ surveillance solution that can cover large areas and low-light environments. Built with a Sony Super HAD-II 1/4" CCD sensor, the DCS-6616 can capture 650 TVL high-resolution video with excellent image quality. A built-in IR-cut removable filter allows the camera to capture video in both bright and dark environments. During the day, the IR-cut filter moves out of the way to provide high-quality images. At night, the IR-cut filter stays in, allowing the camera to use all available light for low-light surveillance.

Versatile Pan/Tilt/Zoom (PTZ) Functionality

The DCS-6616 is built with an extensive set of PTZ features that allow large areas to be monitored easily. Endless 360° panning allows the camera to sweep an area easily, and 12X optical zoom with auto focus provides the ability to zoom in and focus on an event for more detail. Panning speed is variable and proportional to the zoom ratio for precise control over camera movement. The DCS-6616 can also be set to follow preset sequence paths at set speeds for customised automatic surveillance.

Flexible Connectivity

The DCS-6616 includes input and output ports that allow connectivity to external devices such as IR sensors, switches, and alarm relays. It includes audio input and output ports, and a video output for direct connection to a TV for live monitoring.

Multiple Video Streams

The DCS-6616 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, and is 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-6616 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

12X WDR Day/Night Speed Dome Network Camera

Wide Dynamic Range (WDR)

IP surveillance cameras are often installed in areas with consistent lighting, like offices, banks or stores. This makes it easy to set exposure levels for optimal image quality. At other times, surveillance personnel are not so lucky. Doorways, glass walls or other areas that are exposed to direct or varying sunlight can create backlit or high contrast scenes. In such conditions, detail is lost in bright areas because of over-exposure and in dark areas because of low light. Wide Dynamic Range (WDR) technology overcomes these conditions by merging two images, one with a short exposure time to capture detail in the brighter parts of the image, and one with a longer exposure time to reveal detail in the darker areas. The resulting WDR image provides natural, balanced detail – a must in critical surveillance applications with tricky lighting conditions.

Removable IR Cut Filter for Continuous Monitoring

The IR Cut Filter can be manually applied, or set to automatically adjust based on lighting conditions. This feature enables the camera to capture crisp colour images during the daytime, and grayscale images in low-light.

Robust Management Software

The included D-ViewCam™ camera management software allows you to view up to 32 cameras on a single computer screen from a central location. Motion detection and digital input devices trigger automated e-mail alerts that can instantly inform administrators of unusual activities.



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.

12X WDR Day/Night Speed Dome Network Camera

Technical Specifications

Camera

Camera Hardware Profile	<ul style="list-style-type: none"> • Sony Super HAD-II 1/4" CCD sensor • Minimum illumination 0.1 lux (Colour); 0.01 Lux (B/W) • Built-in Infrared-Cut Removable (ICR) Filter • S/N ratio > 50 dB (AGC off) • Electronic shutter 1/1 to 1/10,000 sec. • Variable 12x optical zoom, 12x digital zoom 	<ul style="list-style-type: none"> • Focal length 1.6 to 2.7 • Angle of View <ul style="list-style-type: none"> • (D) 55.4° to 65.4° • (H) 4.49° to 52.8° • (V) 3.40° to 39.7°
PTZ Hardware Profile	<ul style="list-style-type: none"> • Pan travel: 360° endless • Tilt Travel: 10° to 170° • Manual speed: 1° to 80°/second • Presets: 256 points • Preset Accuracy: 0.225° • Preset Speed: 10° to 400°/s • Sequence Paths: 8 • Auto Pan Paths: 4 	<ul style="list-style-type: none"> • Cruise Paths: 8 • Pan and tilt speed proportional to zoom ratio • Resume after power loss • Home Function: Preset, Sequence, Auto Pan, Cruise • Auto Flip: Mechanical/Digital/Off • Digital Slow Shutter • Image Freeze • Image Inverse
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"> • 16 configurable privacy masks • Configurable white balance, shutter speed, brightness, saturation, contrast, sharpness
Video Compression	<ul style="list-style-type: none"> • Simultaneous H.264/MJPEG format compression • H.264 multicast streaming 	<ul style="list-style-type: none"> • JPEG for still images
Video Resolution	<ul style="list-style-type: none"> • NTSC: 720 x 480, 352 x 240, 176 x 120 at up to 30 fps 	<ul style="list-style-type: none"> • PAL: 720 x 576, 352 x 288, 176 x 144 at up to 25 fps
Audio Support	<ul style="list-style-type: none"> • G.726 	
External Device Interfaces	<ul style="list-style-type: none"> • 8 alarm inputs • 1 alarm output 	<ul style="list-style-type: none"> • Audio input/output • Video Output

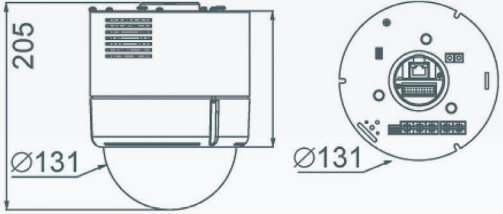
Network

Network Protocols	<ul style="list-style-type: none"> • IPv4 • TCP/IP • UDP • ICMP • DHCP Client • NTP Client (D-Link) • DNS Client • DDNS Client (D-Link) • SMTP Client • FTP Client 	<ul style="list-style-type: none"> • HTTP/HTTPS • Samba Client • PPPoE • UPnP Port Forwarding • RTP/RTSP/RTCP • IP filtering • IGMP • 3GPP • ONVIF Compliant
Security	<ul style="list-style-type: none"> • Administrator and user group protection • HTTP and RTSP digest encryption 	<ul style="list-style-type: none"> • Password authentication

System Management

System Requirements for Web Interface	<ul style="list-style-type: none"> • Microsoft Windows 8/7/Vista/XP/2000 	<ul style="list-style-type: none"> • Internet Explorer, Chrome, or Firefox
Event Management	<ul style="list-style-type: none"> • Motion detection • Event notification and upload snapshots/video clips via SMTP or FTP 	<ul style="list-style-type: none"> • Multiple event notification • Multiple recording methods for easy backup • Supports multiple HTTP, SMTP and FTP servers
Remote Management	<ul style="list-style-type: none"> • Configuration accessible via web browser 	<ul style="list-style-type: none"> • Take snapshots/video clips and save to local hard drive or NAS via web browser
Mobile Support	<ul style="list-style-type: none"> • Handsets with 3GPP player (QuickTime 6.5, Real Player 10.5) 	
D-ViewCam™ System Requirements	<ul style="list-style-type: none"> • Operating System: Microsoft Windows 7/Vista/XP • Web Browser: Internet Explorer 7 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 • Supports all management functions provided in web interface 	<ul style="list-style-type: none"> • Viewing of up to 32 cameras on one screen • Scheduled motion triggered, or manual recording options

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General	
Power Input	• DC 12 V/2 A
Max. Power Consumption	• Max 14 W
Operating Temperature	• 0 to 40 °C
Storage Temperature	• -20 to 70 °C
Humidity	• 20% to 80% non-condensing
Weight	• 1.2 kg
Certifications	<ul style="list-style-type: none"> • CE (Class A) • CE LVD (EN60965-1) • FCC (Class A) • ICES-003 • C-Tick
Dimensions	

Optional Accessories	
DCS-32-1	Long Straight Tube, 500 mm, 50 mm diameter, 1.5 kg
DCS-32-2	Short Straight Tube, 250 mm, 45 mm diameter, 1 kg
DCS-32-4	Mini Pendant Mount, 204 x 124 x 135.2 mm, 1.2 kg
DCS-80-6	Power Box, 187 x 147 x 76 mm, 2 kg, 220 to 230 V AC

¹ MicroSD card not included



For more information: www.dlink.com

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