



DCS-6616

12X PTZ Speed Dome IP Camera



Product Highlights:

Precision Monitoring

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

Wide Dynamic Range

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

High-quality Video Feeds

- Real-time video compression using H.264, MPEG-4, and MJPEG codecs

Features:

- Sony Super HAD-II 1/4" CCD sensor
- WDR/BLC for critical light sources
- Excellent image quality and low light performance
- Built-in removable IR-cut filter for day/night surveillance
- 12X optical zoom and 12X digital zoom
- Focal length: 3.4 to 61.2 mm
- Angle of view (Horizontal): 3.6° to 60.8°
- 650 TVL high resolution video
- 3D deinterlacing
- 2D/3D noise reduction
- Real-time H.264, MPEG-4, and Motion JPEG compression
- Simultaneous multi-stream support
- 2-way audio support
- 3GPP mobile surveillance
- ONVIF compliant
- Built-in Samba client for NAS
- Privacy Mask feature
- Supports multiple access lists
- 8 alarm inputs / 1 alarm output

24/7 Camera Surveillance

The DCS-6616 12X Speed Dome Network Camera is an Internal PTZ dome surveillance camera 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. An IR-cut filter is an extra filter inside the camera that moves behind the camera lens when it gets dark. A camera with an IR-cut filter will produce very high quality images in low light conditions if using IR lighting.

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.

Wide Dynamic Range (WDR) Applications

The Wide Dynamic Range (WDR) function provides clear images even under backlit conditions where the intensity of illumination can vary significantly, making the DCS-6616 perfect for extreme high-contrast environments. For example, when placed indoors, the DCS-6616 will adjust itself to the intense sunlight that may be streaming in through a nearby window. This makes it an ideal solution for security applications.

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.

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.

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-6616 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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12X PTZ Speed Dome IP Camera



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	<ul style="list-style-type: none"> Sony Super HAD-II 1/4" CCD sensor 650 TVL resolution Minimum illumination: 0.1 lux (Colour), 0.01 lux (B/W) Built-in Infrared-Cut Removable (ICR) filter module Electronic shutter: 1 to 1/10000 second 	<ul style="list-style-type: none"> S/N ratio > 50 dB (AGC off) 12x optical zoom Fixed length: 3.8 to 45.6 mm Aperture: F1.6 to F2.7 Angle of view: <ul style="list-style-type: none"> (H) 4.49° to 52.8° (V) 3.40° to 39.7° (D) 55.4° to 65.4°
	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°/second 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 Functions: 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 mask zones Configurable white balance, shutter speed, brightness, saturation, contrast, and sharpness
	Video Compression	<ul style="list-style-type: none"> Simultaneous H.264/MPEG-4/ MJPEG 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"> NTSC: 720 x 480, 352 x 240, 176 x 120 at up to 30 fps 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 	
	Device Interfaces	<ul style="list-style-type: none"> 10/100 BASE-TX Ethernet port 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, 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 snapshots/video clips via HTTP, SMTP, or FTP Supports multiple HTTP, SMTP, and FTP servers 	<ul style="list-style-type: none"> Multiple event notifications Multiple recording methods for easy backup
	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 	<ul style="list-style-type: none"> Web Browser: Internet Explorer 6 or higher 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
	Power	<ul style="list-style-type: none"> Power Input DC 12 V/2 A 	<ul style="list-style-type: none"> Max. Power Consumption 14 W
	Environmental	<ul style="list-style-type: none"> Operating Temperature 0 to 40 °C Storage Temperature -20 to 70 °C 	<ul style="list-style-type: none"> Humidity 20% to 80% non-condensing
Weight	<ul style="list-style-type: none"> 1.2 kg 		
Certifications	<ul style="list-style-type: none"> CE (Class A) CE LVD (EN60965-1) FCC (Class A) 	<ul style="list-style-type: none"> ICES-003 C-Tick 	



DCS-6616 12X PTZ Speed Dome IP Camera

Technical Specifications

General	Power Input	DC12V/2 A	
	Max. Power Consumption	14 watts	
	Environmental	Operating Temperature	0 to 40°
		Storage Temperature	-20 to 70°
		Humidity	20% to 80% non-condensing
	Weight	1.2 kg	
Certifications	CE (Class A), CE LVD (EN60965-1), FCC (Class A), ICES-003, C-Tick		
Dimensions			

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The heart of the network



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