

# New Product Alert

## > 12X PTZ Speed Dome IP Camera - DCS-6616

### At a glance

- > Sony Super HAD-II 1/4" CCD sensor
- > 360° endless pan
- > 12X optical zoom
- > Proportional Pan, Tilt, Zoom (PTZ) speed
- > Up to 720 x 576 resolution
- > Real-time H.264, MJPEG and MPEG-4 compression
- > WDR technology for adverse lighting conditions
- > Built-in removable IR-cut filter for day/night surveillance
- > Hardware-based motion detection
- > 3GPP live video mobile phone support
- > Intuitive web interface with advanced functions
- > BNC output for integration into analogue CCTV systems
- > Open Network Video Interface Forum (ONVIF) compliant

\*with an IR external source

### Key benefit

PTZ IP Camera in a compact housing, delivers clear images under any lighting condition, including complete darkness\*



### Overview

The D-Link DCS-6616 is a PTZ Speed Dome IP camera, ideal for enterprise applications and remote monitoring over the Internet. With 360° endless pan, built-in IR-cut filter, and WDR technology packed in a compact housing, this camera can deliver clear images under the most extreme lighting conditions.

### Who is likely to buy it?

Businesses that:

- > want to closely monitor different spots in one area
- > need a day and night solution that delivers clear images
- > need a surveillance system that blends seamlessly with their existing network

### Why buy it?

- > **High-speed PTZ:** cover different areas simultaneously with a single camera
- > **Easy to use,** intuitive GUI that doesn't require highly-trained staff
- > H.264, MJPEG and MPEG-4 codecs for high compression: **reduces storage needs**
- > **Hardware-based motion detection** with flexible scheduled options
- > **Free D-ViewCam™** (DCS-100) monitoring software included, with support for up to 32 cameras

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## > 12X PTZ Speed Dome IP Camera - DCS-6616

### Versus the competition

The DCS-6616 12X PTZ Speed Dome IP Camera is the ideal choice for surveillance systems that require monitoring of different spots without relying on a number of cameras. The DCS-6616 is designed to help businesses protect their staff, premises and assets by delivering clear images under adverse lighting conditions, including complete darkness.

The DCS-6616 comes with the fastest preset pan and tilt speeds of similar cameras in its category, meaning that it can automatically switch from one scene to the next in a few tenths of a second. This means that the DCS-6616 can cover different positions virtually at the same time, sparing businesses the expense of having different cameras to provide similar coverage.

### Functions & Features

#### Camera Hardware Profile

- > 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
- > S/N ratio > 50 dB (AGC off)
- > 12X optical zoom
- > Fixed length: 3.8 to 45.6mm
- > Aperture: F1.6 to F2.7
- > Angle of view:
  - (H) 4.49° to 52.8°
  - (V) 3.40° to 39.7°
  - (D) 55.4° to 65.4°

#### PTZ Hardware Profile

- > 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
- > 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

- > Configurable image size, quality, frame rate, and bit rate
- > Time stamp and text overlays
- > Configurable motion detection windows
- > 16 configurable privacy masks zones
- > Configurable white balance, shutter speed, brightness, saturation, contrast, sharpness

#### Video Compression

- > Simultaneous H.264/MPEG-4/MJPEG format compression
- > JPEG for still images
- > H.264/MPEG-4 multicast streaming

#### Video Resolution

- > 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

- > G.726

#### Device Interfaces

- > 10/100 BASE-TX Ethernet port
- > 8 alarm inputs
- > 1 alarm output
- > Audio input/output
- > Video output

#### 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 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 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

- > Handsets with 3GPP player (Quicktime 6.5, Real Player 10.5)

#### 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

#### Power

- > Power Input DC 12 V/2 A
- > Max. Power Consumption 14W

#### Environmental

- > Operating Temperature: 0 to 40°
- > Storage Temperature -20 to 70°C
- > 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



For further information: [www.dlink.eu](http://www.dlink.eu)