# D-Link®
**Building Networks for People**

## Product Highlights

**P-Iris & Motorized Lens**

Motorized control of the P-Iris lens gives finer contrast and much clearer image quality in difficult lighting environments and allows remote zoom and focus

**3 Megapixels For Full HD Resolution**

Full HD-1080P high resolution images ensure that you capture the details that you need

**Versatile Installation**

Robust housing and a range of mounting options allow installation in a wide variety of indoor and outdoor locations and situations

## DCS-6513

# Full HD WDR Day & Night Outdoor Dome Network Camera

## Features

**Exceptional Video Quality**

- 1/2.8" 3 megapixel progressive CMOS sensor
- 3 to 9 mm motorized varifocal lens
- Full HD resolution of 1920 x1080 and up to 3 megapixels at 2048 x 1536
- P-Iris technology for superior image quality
- Wide Dynamic Range image enhancement
- H.264, MPEG-4, MJPEG codec support for streaming and recording

**Outdoor placement**

- Built-in IR LED illuminator with a 20 meter range for use in dark areas
- Built-in heating and cooling ensure the camera can work in a range of climates from -40 to 50 °C
- Range of mounting options for flexible placement
- IP67 weatherproof and IK10 anti-vandal certified housing
- Weathershield to protect unit when mounted outdoors

**Flexibility**

- Micro SD/SDHC Card slot for onboard storage
- 10/100 Fast Ethernet port with PoE ensures easy integration into your network
- DI/DO socket for connection to external devices
- Audio in and out jacks can be connected to a microphone and speaker for 2-way communication

The D-Link DCS-6513 Full HD WDR Day & Night Outdoor Dome Network Camera is a high-definition professional surveillance and security solution suitable for small, medium, and large enterprises. The camera uses a high-sensitivity 3 megapixel progressive scan CMOS sensor with a motorized P-Iris lens and onboard WDR image enhancement to deliver truly superior quality video in all conditions. The all-in-one rugged design makes this camera extremely reliable and ideal for deployment in surveillance applications without the need for accessories.

## High-Quality Video

The DCS-6513 is equipped with a P-Iris lens that controls the iris with extreme precision. Its built-in stepping motor maintains the Iris opening at an optimal level at all times, resulting in superior image quality, clarity, and depth of field, so you can see every minute detail of the area being monitored. The remote focus function eliminates the need for manual focusing at the camera's position and allows you to make adjustments from any computer. To maximize bandwidth efficiency and improve image quality, the DCS-6513 provides real-time video compression using the H.264, MPEG-4, and MJPEG codecs, and supports three separate profiles for simultaneous video streaming and recording. This versatility enables a wide variety of security applications, such as monitoring public areas to detect incidents and to coordinate responses, enforcing access control to restricted areas, deterring criminal activity, or monitoring inventory. Furthermore, bandwidth requirements can be adjusted in real-time over the network, and recorded video files can be saved to a network attached storage (NAS) device or Micro SD card.

## Continuous Monitoring

The DCS-6513's WDR image enhancement gives you improved image quality in environments with uneven or difficult lighting, so you can identify subjects that are backlit or in brightly lit areas. In low-light situations, the IR cut filter automatically slides out of the way to use all available light. The DCS-6513 also has built-in IR LED illuminators with a 20 meter range, allowing the camera to keep watch even in complete darkness. These features work together to give you a reliable surveillance camera capable of monitoring an area 24 hours a day.

## Robust Management Software

The Full HD WDR Day & Night Outdoor Dome Network Camera includes D-ViewCam, a complete surveillance software package that enables you to view, manage, and record from up to 32 cameras on a single computer in a central location. Recordings and e-mail alerts can be triggered through motion detection or events triggered by digital input devices, keeping administrators informed of any unusual activity.

## Flexible Connectivity Options

The DCS-6513 has a built-in 802.3af compliant PoE module that simplifies installation by providing power and networking connectivity with a single cable, reducing the need to drill holes or lay additional cabling. In addition, the included digital input and output connector enables connections to external devices such as IR sensors, switches and alarm relays.

### DCS-6513 Cable Harness



Reset Button · Audio In · Power Connector · 24v Power Connector · DI/DO Connector · Audio Out · BNC Connector

## Technical Specifications

### Camera

| | | |
|---|---|---|
| Camera Hardware Profile | • 1/2.8" 3 Megapixel progressive CMOS sensor<br>• 20 meter IR illumination distance<br>• Minimum illumination: 0.5 lux (F1.2, color mode), 0 lux (B/W, IR-LED on)<br>• Built-in Infrared-Cut Removable (ICR) Filter module<br>• 10x digital zoom | • 3 to 9 mm motorized varifocal lens<br>• Aperture: F1.2<br>• Angle of view (16:9)<br>  • (H) 96.4° to 31.6°<br>  • (V) 51.2° to 17.7°<br>  • (D) 114.1° to 36.3° |
| Camera Housing | • IP-67 compliant weatherproof housing<br>• IK-10 compliant vandal-proof housing | • Included weathershield |
| Image Features | • Configurable image size, quality, frame rate, and bit rate<br>• Time stamp and text overlays<br>• Configurable motion detection windows | • Configurable privacy mask zones<br>• Configurable shutter speed, brightness, saturation, contrast, sharpness, zoom, focus, and aperture |
| Video Compression | • Simultaneous H.264/MPEG-4/MJPEG format compression | • H.264/MPEG-4 multicast streaming<br>• JPEG for still images |
| Video Resolution | • 4:3 (at 15 fps)<br>  • 2048x1536<br>• 4:3 (at 30 fps)<br>  • 1600x1200<br>  • 1024x768<br>  • 800x600<br>  • 640x480<br>  • 480x360<br>  • 320x240<br>  • 176x144 | • 16:9 (at 30 fps)<br>  • 1920 x 1080<br>  • 1280 x 720<br>  • 800 x 450<br>  • 640 x 360<br>  • 480 x 270<br>  • 320 x 176<br>  • 176 x 144 |
| Audio Support | • G.726 | • G.711 |
| External Device Interface | • 10/100 BASE-TX Ethernet port with PoE<br>• 1 DI / 1 DO<br>• DC 12 V, 100 mA output | • Micro SD/SDHC<br>• Audio input/output |

## Network

| | | |
|---|---|---|
| Network Protocols | • IPv6<br>• IPv4<br>• TCP/IP<br>• UDP<br>• ICMP<br>• DHCP client<br>• NTP client (D-Link)<br>• DNS client<br>• DDNS client (D-Link)<br>• SMTP client<br>• FTP client | • HTTP / HTTPS<br>• Samba client<br>• PPPoE<br>• UPnP port forwarding<br>• RTP / RTSP/ RTCP<br>• IP filtering<br>• QoS<br>• CoS<br>• Multicast<br>• IGMP<br>• ONVIF compliant |
| Security | • Administrator and user group protection<br>• Password authentication | • HTTP and RTSP digest encryption |

## System Management

| | | |
|---|---|---|
| System Requirements for Web Interface | • Browser: Microsoft Internet Explorer 7 or higher, Firefox 1.5 or higher, or other Java-enabled browser | |
| Event Management | • Motion detection<br>• Event notification and uploading of snapshots/video clips via e-mail or FTP | • Supports multiple SMTP and FTP servers<br>• Multiple event notifications<br>• Multiple recording methods for easy backup |
| Remote Management | • Take snapshots/video clips and save to local hard drive or NAS via web browser | • Configuration interface accessible via web browser |
| Operating Systems | • Windows 8/7/Vista/XP/2000 | |
| D-ViewCam™ System Requirements | • Operating System: Microsoft Windows 7/Vista/XP<br>• Web Browser: Internet Explorer 7 or higher | • Protocol: Standard TCP/IP |
| D-ViewCam™ Software Functions | • Remote management<br>• Control and manage up to 32 cameras<br>• View up to 32 cameras on one screen | • Management functions provided in web interface<br>• Scheduled recording, motion detection, and manual recording triggers |

## General

| | | |
|---|---|---|
| Weight | • 1.53 kg/3.37 lbs (with weather shield) | |
| External Power Adapter | • Input: 100 to 240 V AC, 50/60 Hz | • Output: 12 V 1.25 A |
| Power Consumption | • 10.5 watts ± 5% | |
| Temperature | • Operating: -40 to 50 °C (-40 to 122 °F) | • Storage: -20 to 70° C (-4 to 158° F) |
| Humidity | • Operating: 20% to 80% non-condensing | • Storage: 5% to 95% non-condensing |
| Certifications | • CE<br>• CE LVD | • FCC<br>• C-Tick |
| Dimensions |  | |

127mm

151.79mm

191.8mm

31.09mm

## Order Information

| Part Number | Description |
|---|---|
| DCS-6513 | Full HD WDR Day & Night Outdoor Dome Network Camera |

## Optional Accessories

| Part Number | Description | |
|---|---|---|
| DCS-34-2 | | Pendant Mount<br>201 x 150 mm (7.9 x 5.9 inches), 665 grams (1.45 lbs) |
| DCS-34-3 | | Bent Arm Mount<br>253 x 150 mm (9.96 x 5.9 inches), 770 grams (1.7 lbs) |

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