# D-Link®
## Building Networks for People

## Product Highlights

**Full HD Resolution**

Sony Exmor 3 megapixel CMOS sensor capable of Full HD 1080p high resolution images to ensure that you capture the details you need

**Variable Speed, Fast Patrol**

Proportional pan and tilt gives more precise view of object when zooming in.

**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

**Weatherproof and Vandal-proof**

The camera apparatus is housed in a weather and vandal-proof enclosure (IP66 & IK-10)



## DCS-6915

# Outdoor 20X Full HD WDR Speed Dome Network Camera

## Features

**Camera**
- Sony Exmor 1/2.8" progressive 3 megapixel CMOS sensor
- WDR for difficult or contrasting lighting conditions
- 20X optical zoom and 10X digital zoom
- F1.6 to F3.5 (W-T)
- ONVIF Compliant

**Connections**
- 10/100 Fast Ethernet port
- MicroSD card slot[1]
- Audio in/out
- 4 alarm inputs/2 alarm outputs

**Video & Audio**
- Real-time H.264 and Motion JPEG compression
- Full HD (1080p) resolution at 30/25 fps
- HD (720p) resolution at 60/50 fps
- Multi-stream broadcast
- 2-way audio
- G.711 audio codec support
- Multiple access list
- Privacy Masks

**Housing**
- IP-66 weather-resistant
- IK-10 vandal-proof
- Built-in heater and fan

The DCS-6915 Outdoor 20X Full HD WDR Speed Dome Network Camera is a high-definition professional surveillance and security solution suitable for small, medium, and large enterprises. The DCS-6915 features a 3 megapixel sensor capable of Full HD 1080p resolution, allowing for very clear surveillance footage to be taken. The powerful 20X optical zoom and 10X digital zoom ensure that you can see even the smallest details with ease.

## Proportional Pan, Tilt, and Zoom Speeds

Proportional pan and tilt make it easy to precisely adjust the camera's view. When the camera zooms in, the panning speed is automatically slowed to improve camera tracking and control. PTZ presets allow the camera to monitor specified areas along predefined paths. The broad tilt range from -10° to 190° allows the camera to see beyond the true horizon, meaning you can see more even when zoomed in.

## Built for Tough Environments

Specially designed for use in challenging environments the DCS-6915 has a toughened metal, industry-certified IK-10 (vandal-proof) and IP-66 (weather-proof) housing. This means that it is able to withstand sudden high impacts, as well as adverse weather conditions. With its built-in heater and fan, the camera can operate in extreme environments at temperatures ranging from -40 to 50 °C (-49 to 122 °F).

## High-Quality Video

To maximise bandwidth efficiency and improve image quality, the DCS-6915 provides real-time video compression using the H.264 and MJPEG codecs. 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 an internal MicroSD card[1].

## 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.

## Technical Specifications

### Camera

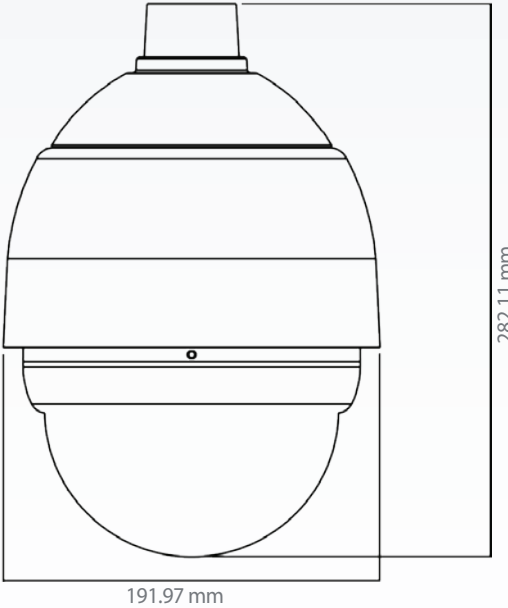| | | |
|---|---|---|
| Camera Hardware Profile | • Sony Exmor 1/2.8" progressive 3 Megapixel CMOS sensor<br>• Minimum illumination 0.1 lux (Colour); 0.01 Lux (B/W)<br>• Built-in Infrared-Cut Removable (ICR) Filter<br>• S/N ratio > 50 dB ( AGC off )<br>• Electronic shutter 1/1 to 1/10,000 sec. | • Variable 20x optical zoom, 10x digital zoom<br>• Focal length 4.7 to 94 mm<br>• Angle of View<br>  • (D) 64.42° to 4.65°<br>  • (H) 52.27° to 4.07°<br>  • (V) 33.4° to 2.33° |
| PTZ Hardware Profile | • Pan travel: 360° endless<br>• Tilt Travel: -10° to 190°<br>• Presets: 256 points<br>• Preset Accuracy: ± 0.225°<br>• Preset Speed: 5° to 400°/s<br>• Sequence Paths: 8<br>• Auto Pan Paths: 4<br>• Cruise Paths: 8 | • Pan and tilt speed proportional to zoom ratio<br>• Resume after power loss<br>• Home Function: Preset, Sequence, Auto Pan, Cruise<br>• Auto Flip: Mechanical/Digital/Off<br>• Digital Slow Shutter<br>• Image Freeze<br>• Image Inverse |
| Image Features | • Configurable image size, quality, frame rate, and bit rate<br>• Time stamp and text overlays<br>• Configurable motion detection windows | • 16 configurable privacy masks<br>• Configurable white balance, shutter speed, brightness, saturation, contrast, sharpness |
| Video Compression | • Simultaneous H.264/MJPEG format compression<br>• H.264 multicast streaming | • JPEG for still images |
| Video Resolution | • 1920 x 1080 (1080p)<br>• 1280 x 720 (720p)<br>• 1280 x 1024 (SXGA)<br>• 1024 x 768 (XGA) | • 800 x 600  (SVGA)<br>• 640 x 480 (VGA)<br>• 320 x 240 (CIF) |
| Audio Support | • G.711 | |
| External Device Interfaces | • 4 alarm inputs<br>• 2 alarm outputs | • Audio input/output |

### Network

| | | |
|---|---|---|
| Network Protocols | • 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<br>• PPPoE<br>• UPnP Port Forwarding<br>• RTP/RTSP/RTCP<br>• IP filtering<br>• IGMP<br>• IEEE802.1x<br>• QoS<br>• SNMP<br>• ONVIF Compliant |
| Security | • Administrator and user group protection | • Password authentication |

### System Management

| | | |
|---|---|---|
| System Requirements for Web Interface | • Microsoft Windows 8/7/Vista/XP/2000 | • Internet Explorer, Chrome, or Firefox |
| Event Management | • Motion detection<br>• Event notification and upload snapshots/video clips via SMTP or FTP | • Multiple event notification<br>• Multiple recording methods for easy backup<br>• Supports multiple HTTP, SMTP and FTP servers |
| Remote Management | • Configuration accessible via web browser | • Take snapshots/video clips and save to local hard drive |
| Mobile Support | • Windows 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/control of up to 32 cameras<br>• Viewing of up to 32 cameras on one screen | • Supports all management functions provided in web interface<br>• Scheduled motion triggered, or manual recording options |

| General | |
|---|---|
| Power Input | • AC 24 V, 3 A |
| Max. Power Consumption | • Max 65 W with heater on |
| Operating Temperature | • -40 to 50 °C (-40 to 122 °F) |
| Storage Temperature | • -20 to 70 °C (-4 to 158 °F) |
| Weatherproof | • IP66 standard |
| Vandal-proof | • IK-10 standard |
| Humidity | • 20% to 80% non-condensing |
| Weight | • 2.32 kg (5.11 lbs), with sunshield |
| Certifications | • CE (Class A)   • ICES-003<br>• CE LVD (EN60965-1)   • C-Tick<br>• FCC (Class A) |
| Dimensions | 282.11 mm · 191.97 mm |

| 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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