

## 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

### 2 Megapixels For Full HD Resolution At 30 fps

The progressive CMOS sensor captures all the details with smooth, high definition video or still images

### Wide Dynamic Range

Wide Dynamic Range technology neutralizes imperfect lighting, providing clear images with the right amount of contrast even for backlit subjects



## DCS-7513

# Full HD WDR Day & Night Outdoor Network Camera

## Features

### Exceptional Video Quality

- 1/2.8" 2 megapixel progressive CMOS sensor
- 3 to 9mm motorized varifocal lens
- Up to Full HD resolution of 1920 x 1080 at 30 fps
- Remote Zoom and Focus
- P-Iris technology
- 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 30 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
- Protective bracket for cables
- Rugged IP68 certified housing
- Glare reducing sun shield

### Flexibility

- SD/SDHC Card slot for onboard storage
- 10/100 Fast Ethernet port with PoE ensures easy integration into your network
- Digital Input and Output connector for connections to external devices such as alarm relays
- Audio in and out jacks can be connected to a microphone and speaker for 2-way communication

The D-Link DCS-7513 Full HD WDR Day & Night Outdoor Network Camera is a high-definition professional surveillance and security solution suitable for small, medium, and large enterprises. The camera uses a high-sensitivity 2 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 durable design makes this camera ideal for reliable deployment in surveillance applications without the need for accessories.

## High-Quality Video

The DCS-7513 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. 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-7513 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.

## Continuous Monitoring

The DCS-7513 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-7513 is also built with IR LED illuminators with a 30 meter range, allowing the camera to keep watch even in complete darkness. These work together to give you a reliable surveillance camera capable of monitoring an area 24 hours a day.

## Full HD WDR Day & Night Outdoor Network Camera

### Robust Management Software

The Full HD WDR Day & Night Outdoor 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.

### Connectivity

The DCS-7513 has a built-in 802.3af compliant PoE module that eases 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.

### Technical Specifications

Camera		
Camera Hardware Profile	<ul style="list-style-type: none"> <li>• 1/2.8" 2 Megapixel progressive CMOS sensor</li> <li>• 30 meter IR illumination distance</li> <li>• Minimum illumination: 0 lux with IR LEDs on</li> <li>• Built-in Infrared-Cut Removable (ICR) Filter module</li> <li>• 10x digital zoom</li> <li>• Minimum object distance 0.5M (wide 3mm)</li> </ul>	<ul style="list-style-type: none"> <li>• 3 to 9 mm motorized varifocal lens</li> <li>• Aperture: F1.2</li> <li>• Angle of view (16:9)               <ul style="list-style-type: none"> <li>• (H) 121.2° to 38.1°</li> <li>• (V) 62.1° to 21.3°</li> <li>• (D) 148.4° to 43.8°</li> </ul> </li> </ul>
Camera Housing	<ul style="list-style-type: none"> <li>• IP-68 compliant weatherproof housing</li> </ul>	<ul style="list-style-type: none"> <li>• Cable management bracket</li> </ul>
Image Features	<ul style="list-style-type: none"> <li>• Configurable image size, quality, frame rate, and bit rate</li> <li>• Time stamp and text overlays</li> <li>• Configurable motion detection windows</li> </ul>	<ul style="list-style-type: none"> <li>• Configurable privacy mask zones</li> <li>• Configurable shutter speed, brightness, saturation, contrast, sharpness, zoom, focus, and aperture</li> </ul>
Video Compression	<ul style="list-style-type: none"> <li>• Simultaneous H.264/MPEG-4/MJPEG format compression</li> <li>• H.264/MPEG-4 multicast streaming</li> </ul>	<ul style="list-style-type: none"> <li>• JPEG for still images</li> </ul>
Video Resolution	<ul style="list-style-type: none"> <li>• 16:9 at 1920 x 1080, 1280 x 720, 800 x 450, 640 x 360, 480 x 270, 320 x 176, 176 x 144 up to 30 fps</li> </ul>	<ul style="list-style-type: none"> <li>• 4:3 at 1440 x 1080, 1280 x 960, 1024 x 768, 800 x 600, 640 x 480, 320 x 240, 176 x 144 up to 30 fps</li> </ul>
Audio Support	<ul style="list-style-type: none"> <li>• G.726</li> </ul>	<ul style="list-style-type: none"> <li>• G.711</li> </ul>
External Device Interface	<ul style="list-style-type: none"> <li>• 10/100 BASE-TX Ethernet port with PoE</li> <li>• 1 DI / 1 DO</li> <li>• DC12 V, 100 mA output</li> </ul>	<ul style="list-style-type: none"> <li>• SD/SDHC card slot</li> <li>• Audio input/output</li> <li>• DI/DO connector 12 V DC output</li> </ul>
Network		
Network Protocols	<ul style="list-style-type: none"> <li>• IPv6</li> <li>• IPv4</li> <li>• TCP/IP</li> <li>• UDP</li> <li>• ICMP</li> <li>• DHCP client</li> <li>• NTP client (D-Link)</li> <li>• DNS client</li> <li>• DDNS client (D-Link)</li> <li>• SMTP client</li> <li>• FTP client</li> </ul>	<ul style="list-style-type: none"> <li>• HTTP / HTTPS</li> <li>• Samba client</li> <li>• PPPoE</li> <li>• UPnP port forwarding</li> <li>• RTP / RTSP / RTCP</li> <li>• IP filtering</li> <li>• QoS</li> <li>• CoS</li> <li>• Multicast</li> <li>• IGMP</li> <li>• ONVIF compliant</li> </ul>
Security	<ul style="list-style-type: none"> <li>• Administrator and user group protection</li> <li>• Password authentication</li> </ul>	<ul style="list-style-type: none"> <li>• HTTP and RTSP authentication</li> </ul>

# Full HD WDR Day & Night Outdoor Network Camera

System Management	
System Requirements for Web Interface	<ul style="list-style-type: none"> <li>• Browser: Internet Explorer, Firefox, Chrome, or Safari</li> </ul>
Event Management	<ul style="list-style-type: none"> <li>• Motion detection</li> <li>• Event notification and uploading of snapshots/video clips via e-mail or FTP</li> <li>• Supports multiple SMTP and FTP servers</li> <li>• Multiple event notifications</li> <li>• Multiple recording methods for easy backup</li> </ul>
Remote Management	<ul style="list-style-type: none"> <li>• Take snapshots/video clips and save to local hard drive</li> <li>• Configuration interface accessible via web browser</li> </ul>
Operating Systems	<ul style="list-style-type: none"> <li>• Windows 8/7/Vista/XP/2000</li> </ul>
D-ViewCam™ System Requirements	<ul style="list-style-type: none"> <li>• Operating System: Microsoft Windows 8/7/Vista/XP</li> <li>• Web Browser: Internet Explorer 7 or higher</li> <li>• Protocol: Standard TCP/IP</li> </ul>
D-ViewCam™ Software Functions	<ul style="list-style-type: none"> <li>• Remote management</li> <li>• Control and manage up to 32 cameras</li> <li>• View up to 32 cameras on one screen</li> <li>• Management functions provided in web interface</li> <li>• Scheduled, motion detection, and manual recording triggers</li> </ul>
General	
Weight	<ul style="list-style-type: none"> <li>• 2.05 kg with bracket and sunshield (4.42 pounds)</li> </ul>
External Power Adapter	<ul style="list-style-type: none"> <li>• Input: 100 to 240 V AC, 50/60 Hz</li> <li>• Output: 12 V 1.25 A</li> </ul>
Power Consumption	<ul style="list-style-type: none"> <li>• 11.02 watts ± 5 %</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>• Operating: -40 to 50 °C (-40 to 122 °F)</li> <li>• Storage: -20 to 70° C (-4° to 158° F)</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>• Operating: 20% to 80% non-condensing</li> <li>• Storage: 5% to 95% non-condensing</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• CE</li> <li>• CE LVD</li> <li>• FCC</li> <li>• C-Tick</li> </ul>
Dimensions	<p>The technical drawings show the camera's dimensions in millimeters. The front view (left) shows a width of 97.5 mm and a height of 249.1 mm. The side view (right) shows a total width of 316.5 mm, a depth of 223.5 mm, a height of 97.0 mm, and a mounting bracket width of 216.7 mm. The mounting bracket has a vertical height of 120 mm.</p>
Order Information	

DCS-7513

## Full HD WDR Day & Night Outdoor Network Camera

Part Number	• Description
DCS-7513	• Full HD WDR Day & Night Outdoor Network Camera

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