

## Product Highlights

### HD Resolution

A high-resolution megapixel sensor provides Full HD 1080p resolution images and video to ensure that you capture the details you need

### Vandal-proof Housing

IK10 vandal proof certification makes the DCS-6112V ideal for the most demanding of surveillance applications

### Power over Ethernet

Power over Ethernet (PoE) expands and simplifies your installation options by removing the need for supplemental power cabling



## DCS-6112V

# Full HD Vandal-proof Fixed Dome Network Camera

## Features

### Camera

- 1/2.7" Full HD progressive megapixel CMOS sensor
- Vari focal lens 3-12mm, fixed iris F1.4
- Tamper detection
- Advanced event management
- Advanced web user interface
- IK-10 vandal-proof

### Video & Audio

- Real-time H.264/MPEG-4/MJPEG
- Max. resolution: 1920 x 1080 at 15 fps  
1280 x 720 at 30 fps
- Four simultaneous streams
- Two-way audio
- Motion detection
- Privacy mask

### Connections

- Power over Ethernet (PoE)
- MicroSD card slot
- DI/DO support for external devices

### Networking

- IPv6, 802.1x, QoS, CoS
- HTTPS secured streaming
- Samba client for NAS
- Multiple access lists

The DCS-6112V Full HD Vandal-proof Fixed Dome Network Camera features industry-leading high definition (Full HD) megapixel resolution and H.264 compression that enable high-quality video footage to be recorded. The DCS-6112V connects to a network to provide high-quality live video over the Internet. The camera also features a 3-axis inner bracket that allows for flexible observation area adjustment.

## Full HD Surveillance

The DCS-6112V delivers Full HD 16:9 widescreen IP video surveillance which provides vivid high-quality video, making it easier to view and monitor footage. With the free-bundled D-ViewCam 32-channel recording software, the DCS-6112V provides a complete solution for high-quality live viewing and reliable recording. The camera also has a built-in MicroSD card slot which can be used for local backup by storing important events on an easily retrievable MicroSD card.

## Multiple Video Streams

The DCS-6112V supports simultaneous streaming of H.264, MPEG-4, and MJPEG video to provide both high-quality and bandwidth-efficient compression formats. H.264 produces a small file size, making it useful for extended recording with high detail or for use in low bandwidth networks. MJPEG delivers excellent file integrity, ideal for situations which require extensive image detail. Additionally, the DCS-6112V supports multicast H.264 streaming, allowing users to view the camera feed by subscribing to a multicast IP address on the network.

## Flexible Connectivity

The DCS-6112V includes input and output ports for connectivity to external devices such as IR sensors, switches, and alarm relays. The DCS-6112V also incorporates Power over Ethernet (PoE), allowing it to be easily installed in a variety of locations without the need for supplemental power cabling.

## Full HD Vandal-proof Fixed Dome Network Camera

### Vandal-proof

Vandal-proof features make the DCS-6112V camera suitable for tamper-prone locations such as transportation hubs, schools, or correctional facilities. The robust camera housing is IK-10-certified, allowing it to withstand a high amount of force. The electronic tamper detection system can sense whenever the camera has been redirected, de-focused, blocked, or spray-painted, and respond promptly with a visible or audible alarm.

### 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 record important events directly to a hard drive. D-ViewCam™ also allows users to upload a floor plan to create a realistic layout of the premises where the cameras are located, further simplifying the management process.

### Viewing Window and ePTZ

Customize your Region of Interest (ROI) by simply drawing a rectangle on the full view display in the web interface software. Being able to digitally move the ROI is an advantage for a fixed camera since it can utilize the virtual auto pan along with preset point settings to display vivid details from HD video footage. The viewing window also allows you to utilize zoom to obtain more in depth footage.

## Technical Specifications

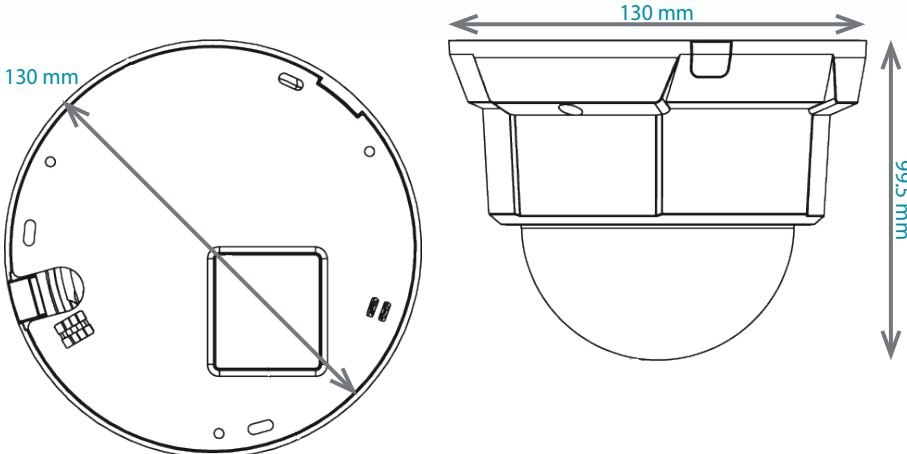
### Camera

Hardware profile	<ul style="list-style-type: none"> <li>• 1/2.7" Full HD progressive megapixel CMOS sensor</li> <li>• Vari-focal lens 3-12 mm</li> <li>• Aperture F1.4</li> <li>• 128 Mbytes of flash memory</li> <li>• 256 Mbytes SDRAM</li> <li>• 16 x Digital Zoom</li> </ul>	<ul style="list-style-type: none"> <li>• Minimum illumination 0.5 lux</li> <li>• Angle of view:               <ul style="list-style-type: none"> <li>(H) 103.96° to 36.69°</li> <li>(V) 57.22° to 20.87°</li> <li>(D) 122.34° to 42.24°</li> </ul> </li> </ul>
Image Features	<ul style="list-style-type: none"> <li>• Configurable image size, quality, and bit rate</li> <li>• Time stamp and text overlays</li> <li>• 3 configurable motion detection windows</li> <li>• ePTZ function</li> </ul>	<ul style="list-style-type: none"> <li>• 5 configurable privacy masks</li> <li>• Flip &amp; mirror</li> <li>• Configurable white balance, shutter speed, brightness, saturation, contrast, sharpness</li> </ul>
Video Compression	<ul style="list-style-type: none"> <li>• H.264/MPEG4/MJPEG dual format compression simultaneously</li> <li>• JPEG for still image</li> </ul>	<ul style="list-style-type: none"> <li>• H.264/MPEG-4 multicast streaming</li> </ul>
Video Resolution	<ul style="list-style-type: none"> <li>• 1920 x 1080 at 15 fps</li> <li>• 1280 x 1024 at 20 fps</li> <li>• 1280 x 720 at 30 fps</li> </ul>	<ul style="list-style-type: none"> <li>• 640 x 480 at 30 fps</li> <li>• 320 x 240 at 30 fps</li> <li>• 176 x 144 at 30 fps</li> </ul>
Audio Features	<ul style="list-style-type: none"> <li>• Administrator and user group protection</li> <li>• Password authentication</li> <li>• HTTP and RTSP digest encryption</li> </ul>	<ul style="list-style-type: none"> <li>• HTTPS streaming</li> <li>• Remote client access control</li> </ul>

### Network

Network Protocols	<ul style="list-style-type: none"> <li>• IPv4</li> <li>• IPv6</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>• LLTD</li> <li>• CoS/QoS</li> <li>• SNMP</li> <li>• IGMP</li> <li>• 802.1x</li> </ul>
Security	<ul style="list-style-type: none"> <li>• Administrator and user group protection</li> <li>• Password authentication</li> <li>• HTTP and RTSP digest encryption</li> </ul>	<ul style="list-style-type: none"> <li>• HTTPS streaming</li> <li>• Remote client access control</li> </ul>

## Full HD Vandal-proof Fixed Dome Network Camera

System Integration	
System Requirements	<ul style="list-style-type: none"> <li>Operating system: Microsoft Windows 7, Vista, XP, 2000</li> <li>Browser: Internet Explorer 7</li> </ul>
D-ViewCam™ System Requirements for Web Interface	<ul style="list-style-type: none"> <li>Operating System: Microsoft Windows 7, Vista, XP</li> <li>Web Browser: Internet Explorer 7 or higher</li> <li>Protocol: Standard TCP/IP</li> </ul>
Event Management	<ul style="list-style-type: none"> <li>Motion detection</li> <li>Tamper detection</li> <li>Event notification and upload snapshots/video clips via HTTP, SMTP or FTP</li> <li>Multiple event notification</li> <li>Multiple recording methods for easy backup</li> <li>Supports multiple HTTP, SMTP and FTP servers</li> </ul>
Remote Management	<ul style="list-style-type: none"> <li>Take snapshots/video clips and save to local hard drive or NAS via web browser</li> <li>Configuration accessible via web browser</li> </ul>
Surveillance Software Function	<ul style="list-style-type: none"> <li>Supports all management functions provided in web interface</li> <li>Scheduled motion triggered, or manual recording options</li> <li>Remote management/control of up to 32 cameras</li> <li>Viewing of up to 32 cameras on one screen</li> </ul>
Supported Mobile Devices and Software	<ul style="list-style-type: none"> <li>Handsets with 3GPP player, Quick Time 6.5, Real Player 10.5, Windows 7, Vista, XP, 2000</li> </ul>
External Device Interface	<ul style="list-style-type: none"> <li>DI and DO for external sensor and alarm</li> <li>External audio input (MIC in)</li> <li>External audio/video output (AV out)</li> <li>TV system switch (NTSC/ PAL)</li> <li>MicroSD card slot</li> </ul>
General	
Power	<ul style="list-style-type: none"> <li>12 V DC 1.25 A, 50/60 Hz, IEEE 802.3af PoE</li> </ul>
Max. Power Consumption	<ul style="list-style-type: none"> <li>4.4 W</li> </ul>
Operating Temperature	<ul style="list-style-type: none"> <li>0 to 40 °C (32 to 104 °F)</li> </ul>
Storage Temperature	<ul style="list-style-type: none"> <li>-20 to 70 °C (-4 to 158 °F)</li> </ul>
Vandal-proof	<ul style="list-style-type: none"> <li>IK-10 standard</li> <li>Storage: 5% to 95% non-condensing</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>90% non-condensing</li> </ul>
Weight	<ul style="list-style-type: none"> <li>572 g (1.26 lbs)</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>CE (Class A)</li> <li>CE LVD (EN60965-1)</li> <li>FCC (Class A)</li> <li>ICES-003</li> <li>C-Tick</li> </ul>
Dimensions	 <p>The technical drawings show the camera's dimensions. The top view is a circle with a diameter of 130 mm. The side view shows a height of 99.5 mm. The camera has a dome-shaped lens cover and a mounting bracket on top.</p>

# Full HD Vandal-proof Fixed Dome Network Camera

Order Information	
<i>Part Number</i>	<i>Description</i>
DCS-6112V	Full HD Vandal-proof Fixed Dome Network Camera

Updated 2013/05/09