

Product Highlights

HD Image Quality and Detail

High-resolution 1 megapixel sensor provides a 720P resolution image to monitor a large area with excellent detail

Reliable 24-Hour Surveillance

Infrared LED illuminators provide a clear picture at night while the IR cut filter maintains clarity during the day for dependable 24-hour surveillance

Wireless N Connectivity

Wireless N technology gives increased speed, range, and reliability, allowing for placement without the need for network cabling



DCS-4201

Vigilance HD Wireless Camera

Features:

Camera

- 1/4" megapixel CMOS progressive sensor
- Fixed lens: 1.8 mm F2.4
- Passive infrared (PIR) sensor for enhanced motion detection
- Built-in infrared-cut removable (ICR) filter for all day surveillance
- Built-in IR LED illuminator for use in dark areas
- Built-in microphone and speaker for 2-way communication
- ONVIF compliant

Image & Video

- HD resolution (1280 x 720)
- H.264, and Motion JPEG compression
- ePTZ viewing
- Simultaneous multi-stream support
- Privacy Mask feature
- Supports multiple access lists
- Wide Dynamic Range image enhancement
- 3D filter reduces noise in low light environments

Connections

- 802.11n/g/b wireless connectivity
- 10/100 Fast Ethernet port
- microSD card slot for on board storage
- DI/DO port for connection to external devices

The DCS-4201 Vigilance HD Wireless Camera is a versatile surveillance solution that is perfect for monitoring in your home or small office. It combines a high-resolution megapixel sensor with a built-in IR LED to help you keep watch over areas in complete darkness. The DCS-4201 also includes a built-in IR cut filter, making it suitable for both day and night applications. Additionally, the DCS-4201 is a complete system with a built-in CPU and web server that transmits high-quality video images for security and surveillance. The DCS-4201 features 802.11n wireless, allowing the camera to be placed anywhere within range of your wireless network.

A Complete, Expandable Surveillance Solution

The DCS-4201 is a self-sufficient surveillance solution, capable of recording snapshots and video to a microSD card without requiring a PC or network storage device. If you want to expand your surveillance options, D-ViewCam management software is also included, giving you the ability to manage up to 32 cameras with a robust set of features, including multi-camera views and automated e-mail alerts to keep you informed of suspicious or unusual activities.

Built for Versatility

The DCS-4201 comes with a wealth of features that enhance its surveillance capabilities, making it ideal for any situation. A passive infrared (PIR) sensor detects motion near the camera, allowing it to automatically record video and send you a notification when motion is detected. A built-in microphone and speaker allow for 2-way communication, which is ideal for use in entryways or for caretaker applications.

ePTZ For Surveying Regions Of Interest

The ePTZ feature allows users to select a target region for close-up viewing simply by clicking on the video feed displayed within their browser. ePTZ makes use of the camera's megapixel resolution to survey a large area effortlessly. Since ePTZ requires no moving parts, there is no need to worry about the camera having mechanical failures.

Wireless N Connectivity

The Vigilance HD Wireless Camera includes 802.11n wireless for fast and easy integration into your existing network environment. Wireless N allows you to stream high quality video to remote sites and mobile devices. The DCS-4201 also includes a standard Ethernet port for connections to traditional wired networks.

Technical Specifications

Camera

Camera Hardware Profile	<ul style="list-style-type: none"> • 1/4" megapixel progressive CMOS sensor • 10 meter IR illumination distance • Minimum illumination: 1.0 lux (color) 0.5 lux (B/W) 0 Lux (IR-LED on) • Built-in Infrared-Cut Removable (ICR) filter module • Built-in PIR (Passive Infrared) sensor • Built-in microphone and speaker 	<ul style="list-style-type: none"> • 10x digital zoom • Fixed length: 1.8 mm • Aperture: F2.4 • Angle of view: (H) 97.6° (V) 69.2° (D) 108.9°
Image Features	<ul style="list-style-type: none"> • Configurable image size, quality, frame rate, and bit rate • Time stamp and text overlays • Configurable motion detection windows • 3D noise filter for low light environments 	<ul style="list-style-type: none"> • Configurable privacy mask zones • Configurable shutter speed, brightness, saturation, contrast, and sharpness • Wide Dynamic Range image enhancement
Video Compression	<ul style="list-style-type: none"> • Simultaneous H.264/MJPEG format compression • H.264/MJPEG multicast streaming 	<ul style="list-style-type: none"> • JPEG for still images
Video Resolution	<ul style="list-style-type: none"> • 16:9 - 1280 x 720, 800 x 448, 640 x 360, 480 x 272, 320 x 176 up to 30 fps 	<ul style="list-style-type: none"> • 4:3 - 960 x 720, 800 x 592, 640 x 480, 480 x 352, 320 x 240 up to 30 fps
Connectivity	<ul style="list-style-type: none"> • 802.11n/g/b wireless with WEP/WPA/WPA2 encryption 	<ul style="list-style-type: none"> • Operates on 2.4 GHz band • Maximum data rate of 135 Mbps (PHY rate) ¹
Audio Support	<ul style="list-style-type: none"> • G.711 	<ul style="list-style-type: none"> • AAC
Device Interfaces	<ul style="list-style-type: none"> • 10/100 BASE-TX • 802.11n/g/b WPS Button 	<ul style="list-style-type: none"> • 1 DI / 1 DO • microSD card slot
Network		
Network Protocols	<ul style="list-style-type: none"> • IIPv6 • IPv4 • TCP/IP • UDP • ICMP • DHCP client • NTP client(D-Link) • DNS client • DDNS client (D-Link) • SMTP client • FTP client 	<ul style="list-style-type: none"> • HTTP / HTTPS • Samba Client • PPPoE • UPnP port forwarding • RTP / RTSP/ RTCP • IP filtering • QoS • CoS • Multicast • SNMP • ONVIF compliant
Security	<ul style="list-style-type: none"> • Administrator and user group protection • Password authentication 	<ul style="list-style-type: none"> • HTTP and RTSP authentication

System Management		
System Requirements for Web Interface	<ul style="list-style-type: none"> Operating System: Microsoft Windows 8/7/Vista 	<ul style="list-style-type: none"> Browser: Internet Explorer, Firefox, or Safari
Event Management	<ul style="list-style-type: none"> Motion detection Event notification and uploading of snapshots/video clips via e-mail or FTP 	<ul style="list-style-type: none"> Supports multiple HTTP, SMTP, and FTP servers Multiple event notifications Multiple recording methods for easy backup
Remote Management	<ul style="list-style-type: none"> Configuration accessible via web browser 	<ul style="list-style-type: none"> Take snapshots/video clips and save to local hard drive
D-ViewCam™ System Requirements	<ul style="list-style-type: none"> Operating System: Microsoft Windows 8/7/Vista Web Browser: Internet Explorer 7 or higher 	<ul style="list-style-type: none"> Protocol: Standard TCP/IP
D-ViewCam™ Software Functions	<ul style="list-style-type: none"> Remote management/control of up to 32 cameras Supports all management functions provided in web interface 	<ul style="list-style-type: none"> Viewing of up to 32 cameras on one screen Scheduled motion triggered, or manual recording options
Physical		
Weight	<ul style="list-style-type: none"> 445 g (15.7 ounces) ± 5% 	
External Power Adapter	<ul style="list-style-type: none"> Input: 100 to 240 V AC, 50/60 Hz 	<ul style="list-style-type: none"> Output: 5 V DC 1.2 A
Power Consumption	<ul style="list-style-type: none"> 4.0 ± 5% watts 	
Temperature	<ul style="list-style-type: none"> Operating: 0 to 40 °C (32 to 104 °F) 	<ul style="list-style-type: none"> Storage: -20 to 70 °C (-4 to 158 °F)
Humidity	<ul style="list-style-type: none"> Operating: 20% to 80% non-condensing 	<ul style="list-style-type: none"> Storage: 5% to 95% non-condensing
Certifications	<ul style="list-style-type: none"> CE CE LVD 	<ul style="list-style-type: none"> FCC C-Tick
Dimensions	<p>The technical drawings show the camera's dimensions in millimeters. The side view (left) indicates a total height of 81.6 mm, a camera body width of 89 mm, and a depth of 30.7 mm. The front view (right) shows a total height of 127.9 mm and a camera body width of 58 mm. The camera features a lens, a microphone, and a speaker grille on the front panel.</p>	

DCS-4201 Vigilance HD Wireless Camera

Order Information	
<i>Part Number</i>	<i>Description</i>
DCS-4201	Vigilance HD Wireless Camera

Updated 2015/07/24