

Product Highlights

Versatile Installation

With Power over Ethernet capability, deploying into hard-to-reach areas without readily available power is easy and installation is hassle free

HD Resolution

A high-resolution megapixel sensor provides 720p HD resolution to ensure that you capture the details you need

High-quality video feeds

Real-time video compression using the H.264 and MJPEG codecs, and a built-in ICR filter that lets you monitor an area 24 hours a day



DCS-2103

HD Cube Network Camera

Features

Camera

- 1/4" 1 Megapixel CMOS progressive sensor
- Fixed lens 3.45 mm F2.0
- 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
- IEEE 802.3af compliant class 2 (PoE)

Connections

- 10/100 Fast Ethernet port
- microSD Card slot
- DI/DO port for connection to external devices

Image & Video

- Real-time H.264, Motion JPEG compression
- HD resolution (1280x720)
- Simultaneous multi-stream support
- ePTZ
- Supports multiple access list
- Privacy Mask feature

The DCS-2103 HD Cube Network Camera is a IP surveillance camera that lets you monitor an area 24 hours a day. It helps you keep an eye on your home or office, even when you're away.

Camera Surveillance For Home & Office

The DCS-2103 is a unique and versatile surveillance solution for your home or small office. Unlike a traditional webcam, the DCS-2103 is a complete system with a built-in CPU and web server that transmits high quality video images for security and surveillance. Simple installation and an intuitive web-based interface offer easy integration with your Ethernet network. The DCS-2103 also comes with remote monitoring and motion detection features for a complete and cost-effective home security solution.

ePTZ For Surveying Regions Of Interest

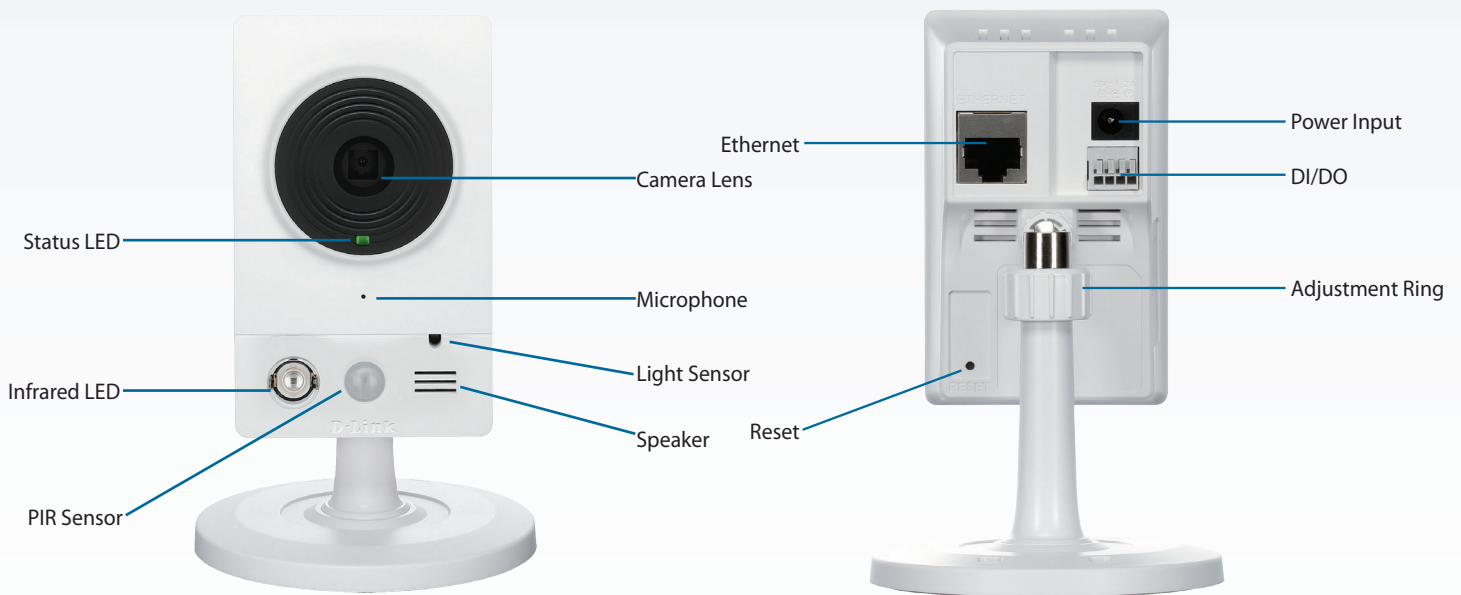
The ePTZ feature allows users to select a target region for close-up viewing simply by clicking on the video feed displayed within their browser. ePTZ makes use of the camera's megapixel resolution to survey a large area effortlessly. Since ePTZ requires no moving parts, there is no need to worry about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

Built for Versatility

The DCS-2103 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. It even includes PoE connectivity, allowing it to be placed easily in places that do not have readily available power outlets.

A Complete, Expandable Surveillance Solution

The DCS-2103 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.



Technical Specifications

Camera

Camera Hardware Profile	<ul style="list-style-type: none"> • 1/4" Megapixel progressive CMOS sensor • 5 meter IR illumination distance • Minimum illumination: 0 lux with IR LED on • Built-in Infrared-Cut Removable (ICR) Filter module • Built-in PIR sensor (5 meter) • Built-in microphone and speaker • 10x digital zoom 	<ul style="list-style-type: none"> • Focal length: 3.45 mm • Aperture: F2.0 • Angle of view: <ul style="list-style-type: none"> • (H) 57.8° • (V) 37.8° • (D) 66°
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 	<ul style="list-style-type: none"> • Configurable privacy mask zones • Configurable shutter speed, brightness, saturation, contrast, and sharpness
Video Compression	<ul style="list-style-type: none"> • Simultaneous H.264/MJPEG format compression • H.264 multicast streaming 	<ul style="list-style-type: none"> • JPEG for still images
Video Resolutions	<ul style="list-style-type: none"> • 16:9 - 1280x720, 800x448, 640x360, 480x272, 320x176 at frame rates up to 30 fps 	<ul style="list-style-type: none"> • 4:3 - 960x720, 800x592, 640x480, 480x352, 320x240 at frame rates up to 30 fps
Audio Support	<ul style="list-style-type: none"> • G.711 	<ul style="list-style-type: none"> • AAC
External Device Interfaces	<ul style="list-style-type: none"> • 10/100 BASE-TX Fast Ethernet port • DI / DO port 	<ul style="list-style-type: none"> • microSD card slot

Network		
Network Protocols	<ul style="list-style-type: none"> • IPv6, 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, IGMP, 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 digest encryption
System Management		
System Requirements for Web Interface	<ul style="list-style-type: none"> • Operating System: Microsoft Windows 7/Vista/XP/2000 	<ul style="list-style-type: none"> • Browser: Internet Explorer, Firefox, Chrome
Event Management	<ul style="list-style-type: none"> • Motion detection • Event notification and upload snapshots/video clips via SMTP, or FTP 	<ul style="list-style-type: none"> • Supports multiple SMTP, and FTP servers • Multiple event notifications • Multiple recording methods for easy backup
Remote Management	<ul style="list-style-type: none"> • Take snapshots/video clips and save to local hard drive 	<ul style="list-style-type: none"> • Configuration accessible via web browser
General		
Dimensions	<ul style="list-style-type: none"> • 128.6 x 82x 89 mm (5.06 x 3.22 x 3.05 inches) 	
Weight	<ul style="list-style-type: none"> • 116 grams (0.26 lbs) 	
Power Supply	<ul style="list-style-type: none"> • PoE (802.3af Class 2) / 5 VDC, 1.2 A 	
Power Consumption	<ul style="list-style-type: none"> • 4.1 ±5% watts(PoE) 	
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 90% 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		

DCS-2103 HD Cube Network Camera

Order Information	
<i>Part Number</i>	<i>Description</i>
DCS-2103	HD Cube Network Camera

¹ [Footnotes]

² Footnotes should be numbered in the order that they appear in the datasheet.

³ Footnotes should only appear at the end of the document in this section, and should not be applied to each page.

⁴ Only used numbered footnotes; do not use asterisks(*) or other symbols.

⁵ Footnote numbers should use superscript, and are followed by a tab for alignment.

Updated 2015/03/04