

DCS-3415  
Version 1.0

**18x PoE Network Camera**

 **Quick Install Guide**

Business Class Networking

# Minimum System Requirements

- Windows® XP or Windows Vista®
- At least 256MB of memory (512MB recommended)
- Internet Explorer 6.x or higher
- VGA card resolution: 800 x 600 or above
- CPU: 1.7GHz or above (2.8GHz plus processor with 512MB memory and a 32MB video card is required for multiple camera viewing and recording in IP surveillance program)
- An available Ethernet connection

## Package Contents



DCS-3415  
18x PoE Network  
Camera



Camera Stand



Quick Install Guide



CD-ROM with Manual  
and Setup Wizard



Power Adapter



CAT5 Ethernet Cable

**Note:** Using a power supply with a different voltage than the one included with your product will cause damage and void the warranty for this product.

**If any of the above items are missing, please contact your reseller.**

# Hardware Overview

## Connections

### Rear View

#### Microphone Connector

The DCS-3415 has an internal built-in microphone. To use an external microphone, plug it into the microphone connector.

#### Microphone On/Off Switch

Select to turn the microphone **On** or **Off**.

#### Audio Out Connector

Use the Audio Out connector for 2-way audio connection. Speakers (not included) may be connected to the camera for 2-way audio communication.

#### DC Power Connector

The DC power input connector is located on the back panel. This is labeled "12V DC" with a single socket to supply power to the Network Camera.

#### Reset Button

To reset the camera to the factory default settings, hold the button down for 30 seconds until the power LED flashes through its cycle twice.

#### Ethernet Cable Connection (PoE)

The network camera's back panel features an RJ-45 connector for 10Base-T Ethernet or 100Base-TX Fast Ethernet cabling. This port supports the NWay protocol, allowing the network camera to automatically detect or negotiate the transmission speed of the network.

The Ethernet port can also be used to power the camera by using a PoE switch.

#### DI/DO

The DCS-3415 provides a general I/O terminal block. The I/O connectors provide the physical interface to send and receive digital signals to and from a variety of external devices.

#### DC12V output

Support for external device (like IR light)

#### RS485

Port is designed for external pan/tilt/zoom devices.



## LEDs Front View

### LED and Built-in Microphone



#### Status LED

**Blinking Red:** indicates power is being supplied to the camera.

**Solid Green:** indicates that a connection has been established via Ethernet port.

**Blinking Green:** indicates Ethernet traffic in the camera.

If the Ethernet connection is not established the Status LED will not be lit.

### Compact Flash Card Slot



#### CF card slot

CompactFlash (CF) is a mass storage device format used in portable electronic devices. The CF card slot can be seen at the side of the network camera.

**Note:** Ensure to remove the rubber strip before using it.

# Hardware Installation

## Connect the Ethernet Cable

Connect an Ethernet cable to the Ethernet port located on the Network Camera's back panel and connect the other end to your network.



## Connect Using Power-Over-Ethernet

Once you connect an Ethernet cable to your PoE switch or adapter, the Power LED on the DCS-3415 will turn green to indicate a proper connection.

## Attach the External Power Supply

Attach the supplied power adapter to the DC power input connector located on the Network Camera's back panel (labeled DC 12V) and connect the other end to an AC power outlet.



**Note:** When you have a proper connection, the LED on the network camera will turn green. The light may go on and off and your computer may show an intermittent loss of connectivity. This is normal until you have configured your Network Camera.

The package comes with a camera stand with a swivel ball screw head that can be attached to the Network Camera's bottom socket cavity. Attach the camera stand to the Network Camera and place it for your application. There are holes located in the base of the camera stand allowing the camera to be mounted to the ceiling or any wall securely.



# Software Installation

Turn on the computer and insert the D-Link DCS-3415 CD into the CD-ROM drive. The following step-by-step instructions displayed are shown when using Windows Vista® operating system. The steps and screens are similar when using other Windows® operating systems.

Click **Installation Wizard**



Click **Next** to continue.



Click **Next**

Click **I Agree** to accept the License Agreement.

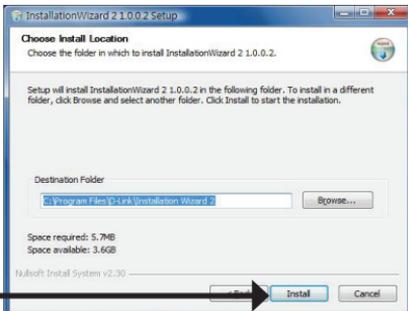


Click **I Agree**

To start the installation click **Install**.

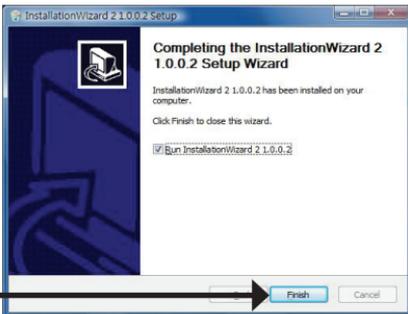
**Note:** *The installation may take several minutes to complete.*

Click **Install**



Click **Finish** to complete the installation.

Click **Finish**



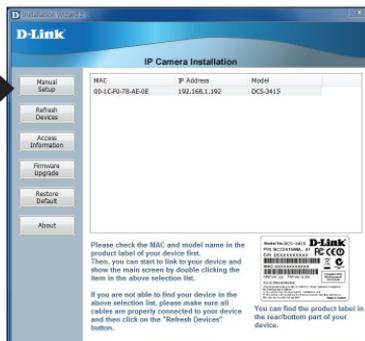
# Configuring Your Camera with the Installation Wizard

Click on the D-Link Installation Wizard icon that was created in your Windows Start menu.

The Installation Wizard will appear and show the MAC address of your DCS-3415 and an IP Address (which may or may not be correct depending on what you have your DCS-3415 connected to). If you have a DHCP server on your network, there will be a valid IP Address displayed here.

**Note:** A DHCP server is a device such as a router that automatically issues IP settings.

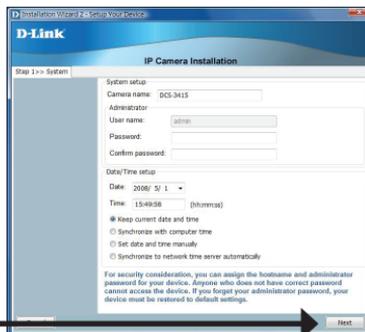
Click Manual Setup



Enter the admin ID and password.

**Note:** The default Admin ID is **admin** with the password left blank.

Click Next

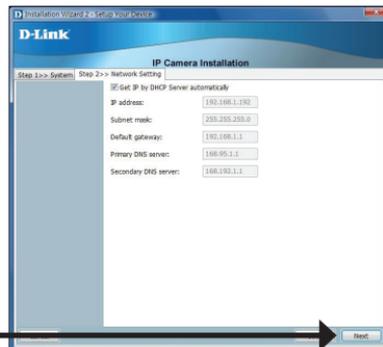


## Configuration

A new window will pop up to ask if you want to setup a PPPoE for the device. Click **No** for quick setup. For further information refer to the manual for details.

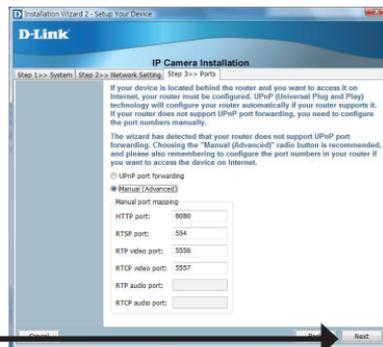


Check the **Get IP by DHCP Server Automatically** box to obtain a new IP address every time the camera starts up. Click **Next** to continue.



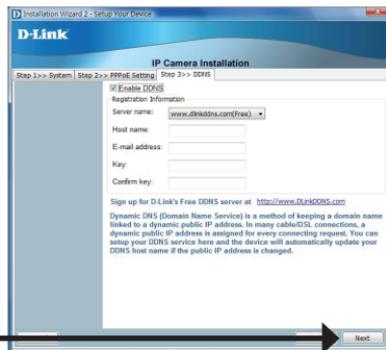
Click Next

Select **UPnP Port Forwarding** if your router supports this function. If not, choose **Manual** to manually enter your port numbers. Click **Next** to continue.



Click Next

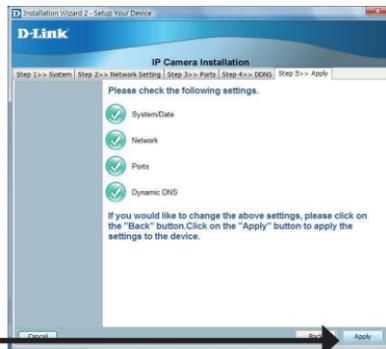
Click **Next** to continue.



A window will pop up asking you if you want to access the DCS-3415 via mobile phone. Clicking **Yes** will set the video resolution to 176x144.



Click **Apply** to save and activate the settings listed in the window to the device. Application may take a few minutes to process.



A window will pop up to confirm that the application was successfully configured. Click **OK** to continue.

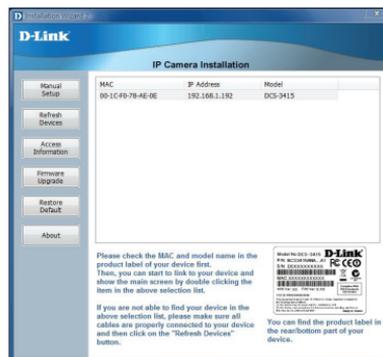
A new window will pop up displaying the links/addresses to access your device. Click **Add to my favorite** to save the address and then click **Exit** to complete the installation.

Click **Exit**



Double-click the DCS-3415 to launch the camera's web configuration page.

**Note:** Please refer to the user manual for more information.



Enter **admin** as the default username and leave the password blank. Click **OK** to continue.



This section shows your camera's live video. You can control your settings using the buttons at the bottom. For more information on using the web configuration, please refer to the user manual.



## D-ViewCam Installation

D-ViewCam software is included for the administrator to manage up to 32 D-Link IP cameras remotely. The administrator can use the software to configure the advanced settings for the camera. D-ViewCam is a complete management tool and includes all configurative settings.

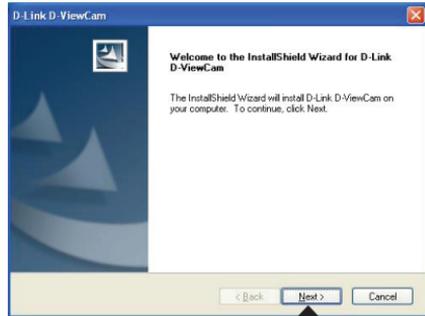
Insert the CD-ROM into the CD-ROM drive. A menu screen will appear as shown below.



D-ViewCam provides English, Traditional Chinese and Simplified Chinese language versions. Select a language version and click **OK** to continue.

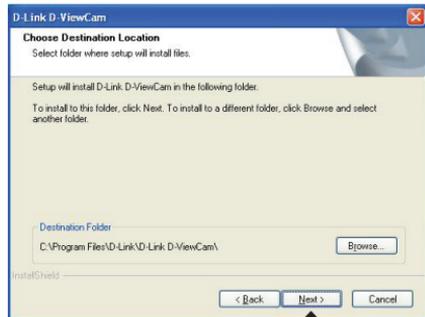


Click **Next** to continue.



Click **Next**

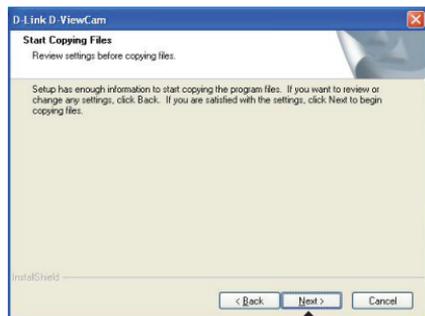
Click **Browse** if you would like to choose a specific folder for the installation, otherwise click **Next** to continue.



Click **Next**

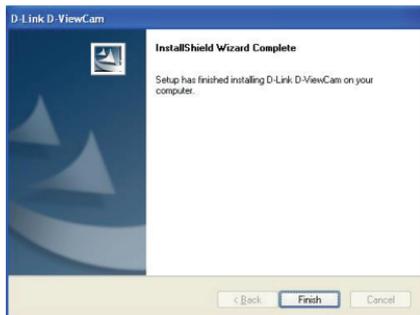
Click **Next** to start the installation.

**Note:** The D-ViewCam installation process may take several minutes to complete.



Click **Next**

Click **Finish** to complete the installation.



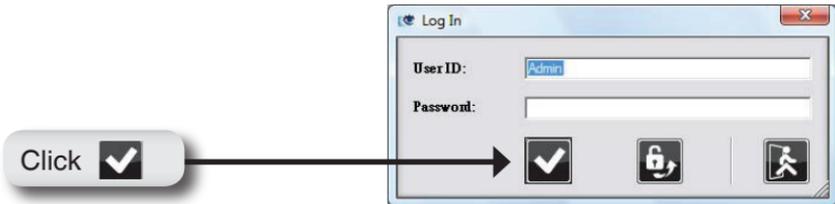
Click **Finish**



# Add a Camera

To start D-ViewCam, click on **Start > All Programs > D-Link > D-Link D-ViewCam**.

Use **admin** as the default user name and leave the password blank. Click the  (Check Box) to continue.



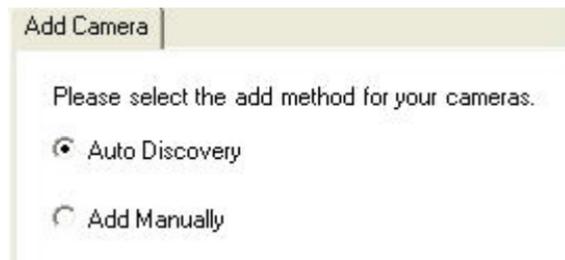
The D-ViewCam screen will appear as shown below. Click  (Next) to begin the *Add Camera wizard*.



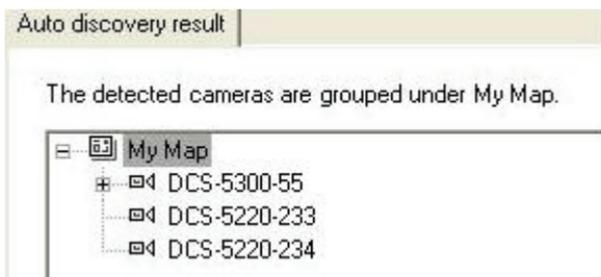
## Adding a Camera

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Choose either to add camera(s) by automatically searching for camera(s) or to add camera(s) manually.



If you select **Auto Discovery**, the system will search all available cameras that are located in the same subnet within the same LAN. The system will place all found cameras under the default map called **My Map**. Click **Next** to continue.



If you choose **Add Manually**, you will need to enter the IP address of the camera. Click **Next** to continue.



D-ViewCam shows the detected IP camera(s) information. You can choose and schedule the recording for each camera(s).

## Quick Settings

The discovered cameras information showed as below:

Camera Name	Model	Schedule Recording Type	Status	IP Address	MAC Address
DCS-5300-55	DCS-5300	None	Active	10.129.1.55	000D887D6DC4
DCS-5220-233	DCS-5220	None	Active	10.129.1.233	001346DC3BC3
DCS-5220-234	DCS-5220	None	Active	10.129.1.234	001346DC3BEB

- **24/7 Continuous Recording:** Continuously record 24 hours a day, 7 days a week.
- **24/7 Motion Detection Recording:** Continuously monitor, but ONLY record when motion is detected.
- **Office Hours Only:** Continuously monitor during office hours (08:00 AM to 06.00 PM), and ONLY record when motion is detected.
- **Non-Office Hours Only:** Continuously monitor during non-office hours (06:00 PM to 08.00 AM), and ONLY record when motion is detected.

**Note:** Excluding 24/7 Continuous Recording, other schedule recording types can ONLY do recording when motion is detected. Please refer to the user manual for more information.

Select **Yes** to add another camera, or select **No** to continue.



**Note:** After you have finished adding your camera(s), click **Close** to view your camera(s).



**Your D-ViewCam Installation is Complete!**

# Notes

# Notes

# Notes

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# Technical Support

D-Link's website contains the latest user documentation and software updates for D-Link products.

U.S. and Canadian customers can contact D-Link Technical Support through our website or by phone.

## United States

### Telephone

(877) 453-5465

### World Wide Web

<http://support.dlink.com>

## Canada

### Telephone

(800) 361-5265

### World Wide Web

<http://support.dlink.com>



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