

Brickcom

Video Server

VS-01A Series

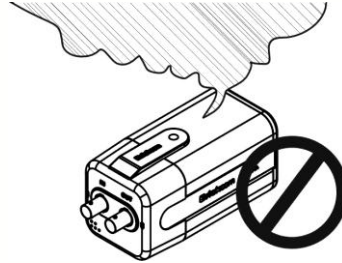
Quick Installation Guide

Quality Service Group



Read Before You Use

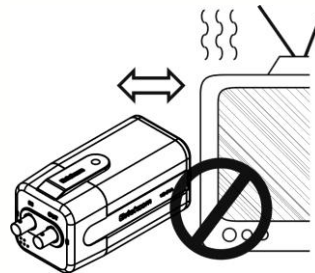
1. Power off the camera device immediately if it starts smoking or smells unusual.



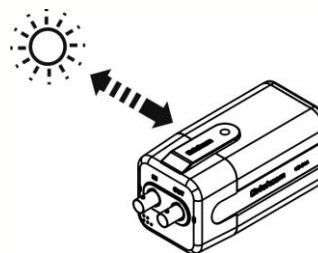
2. Power off the camera device immediately if the camera is exposed to rain or liquid.



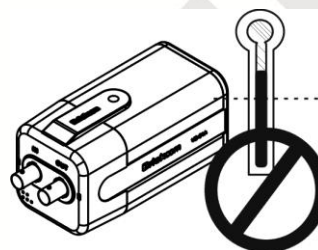
3. Do not set the camera device near any heat sources. (Ex: television and oven)



4. Keep the camera device away from direct sunlight.



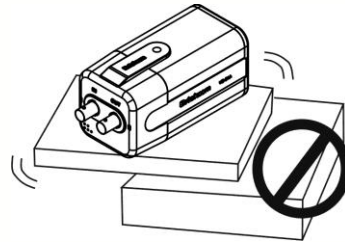
5. Do not set the camera device over the specific operating temperature.



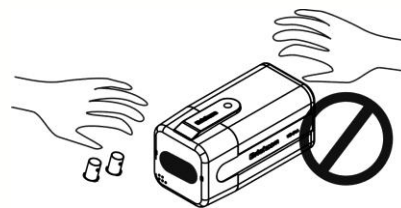
6. Do not set the camera device in any wet and humid environments.



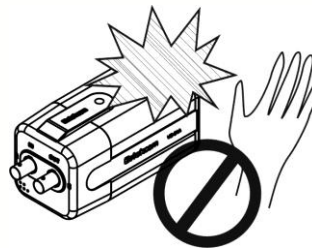
7. Do not set the camera device on unsteady surfaces.



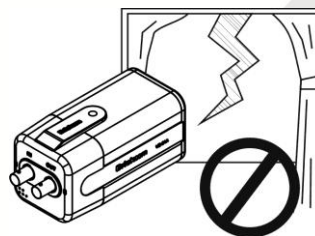
8. Do not attempt to dismantle the camera device.



9. Do not drop or hit the camera device.



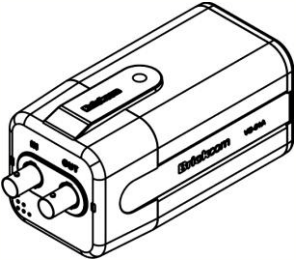
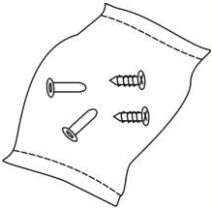
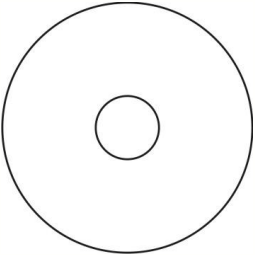
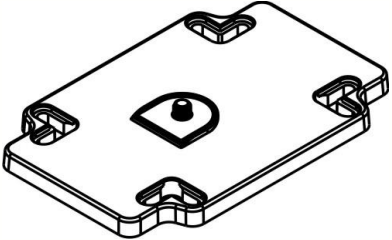

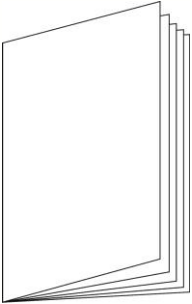
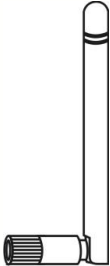
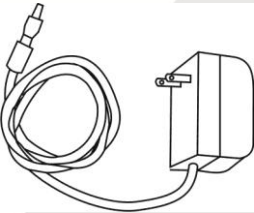
10. Do not use the camera device when there is lightning.





1. Check Package Contents

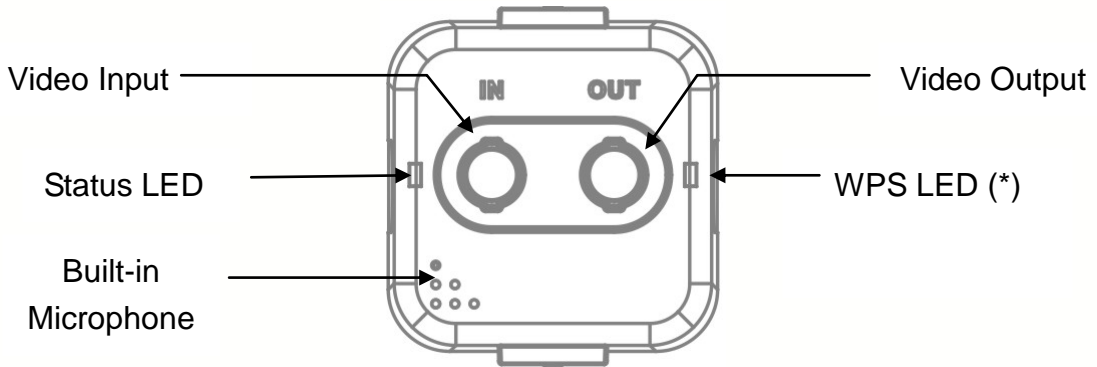
Please check to make sure the product package contains all the accessories listed below.

<p>a. Video Server (VS-01A)</p> 	<p>b. Screws bag</p> 
<p>c. Product CD</p> 	<p>d. Video Server Plate</p> 
<p>e. Warranty Card</p> 	<p>f. Easy Installation Guide</p> 
<p>g. Detachable Antenna (Optional)</p> 	<p>h. Power Adapter (Optional)</p> 

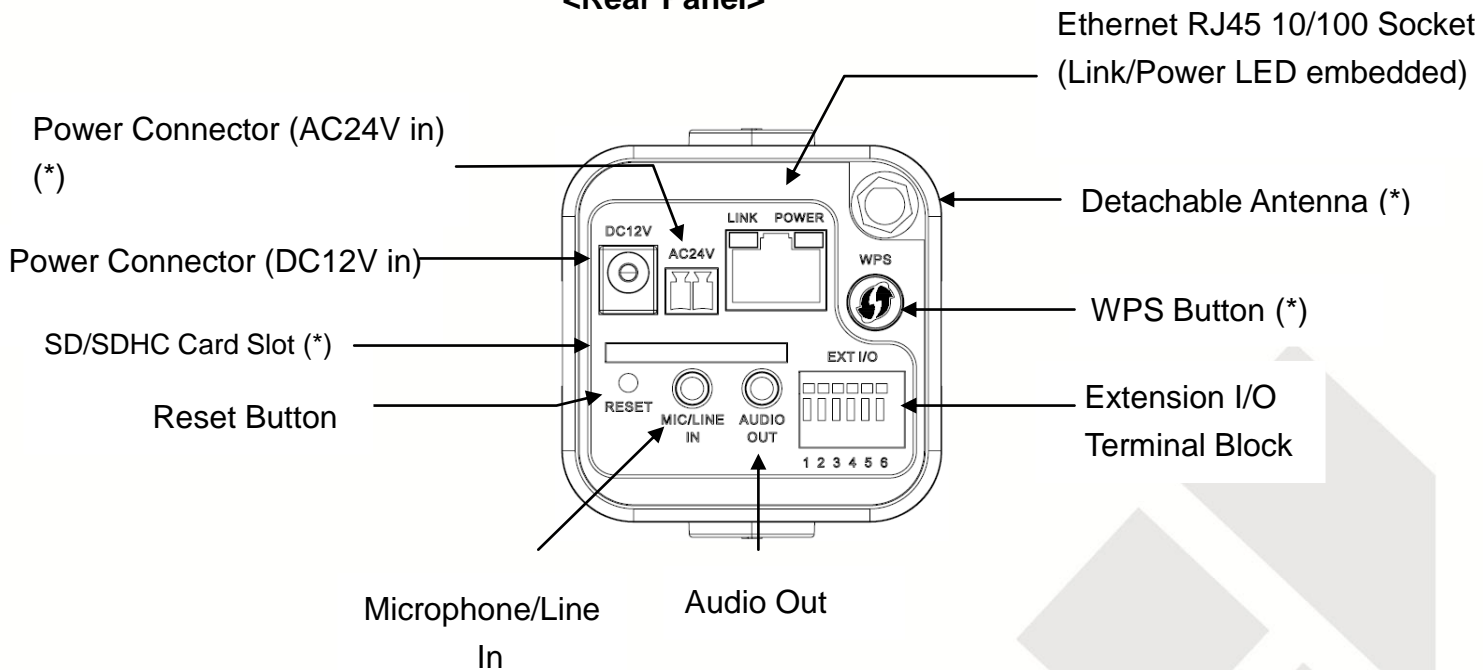


2. Device Description

<Front Panel>



<Rear Panel>



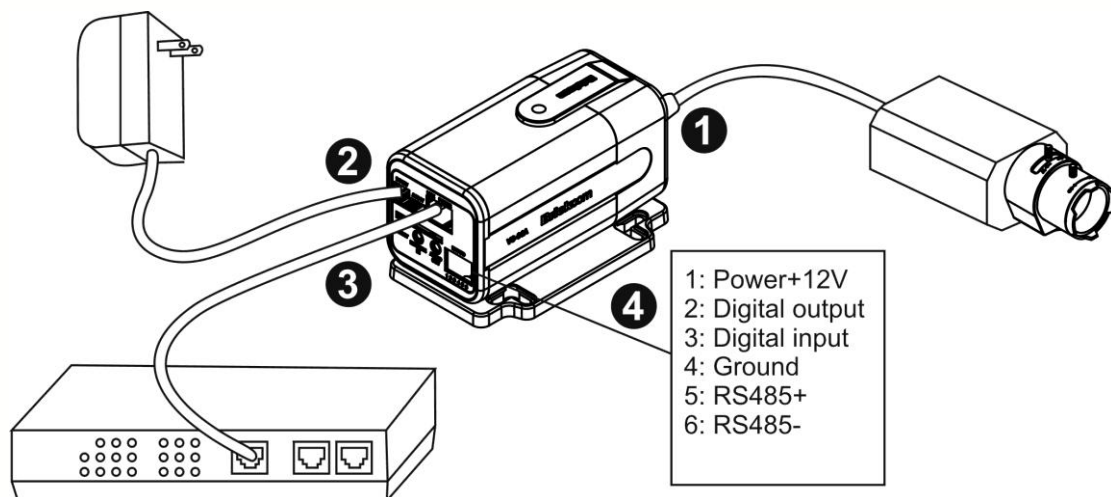
(*) These are optional features. Please refer to the Product List for the full list of optional features that are available for this product.



3. Camera Connection

Basic Connection (Without PoE)

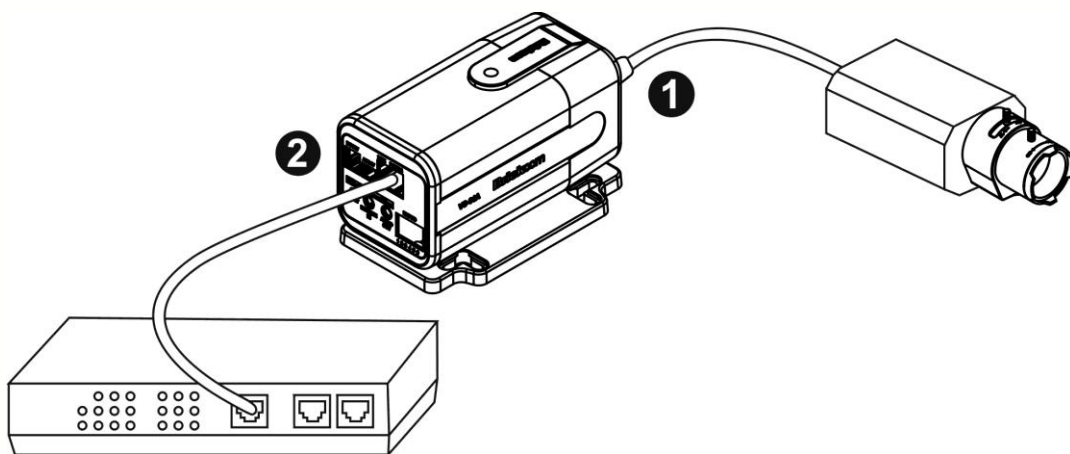
1. Connect the CCTV camera to the video input connector of the video Server using a BNC Connector.
2. Connect the supplied power cable to the video server and plug it into a power outlet.
3. Connect the video server to a switch using an Ethernet cable. The Ethernet cable should meet the specs of UTP Category 5 and not exceed 100 meters in length.
4. To attach external devices, such as sensors and alarms, connect them to the extension I/O terminal block.



Power over Ethernet (PoE) Connection

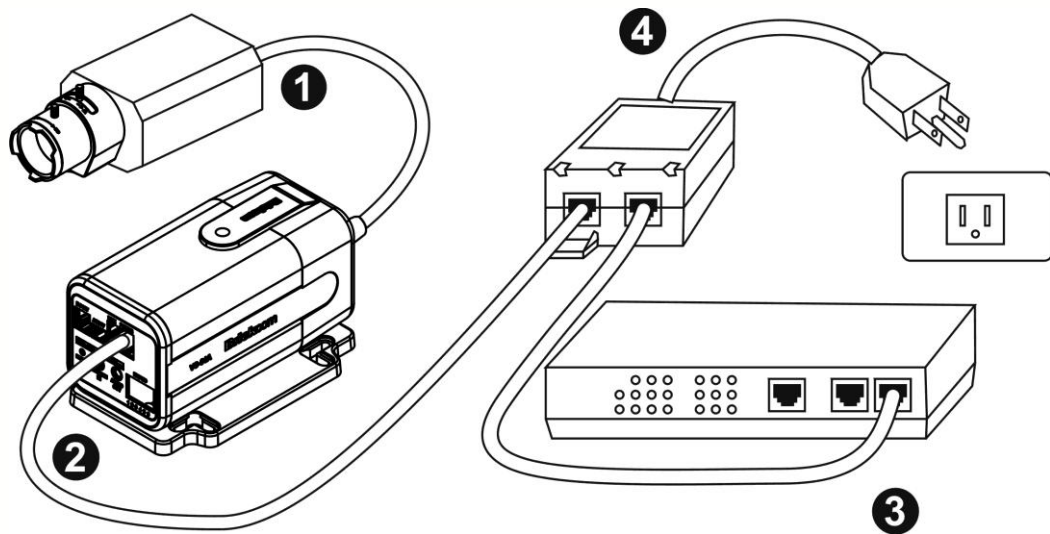
The VS-01A is PoE compliant, so there are two options for connecting the video server and CCTV camera to a power and Ethernet source. The video server can either be connected to a PoE-enabled switch or a non-PoE switch.

A. If using a PoE-enabled switch:



1. Connect the CCTV camera to the Video input connector of the video server using a BNC Connector.
2. Use a single Ethernet cable to connect the camera to the PoE-enabled switch. The Ethernet cable should meet the specs of UTP Category 5 and not exceed 100 meters in length.

B. If using a non-PoE switch:



1. Connect CCTV camera to the Video input connector of Video Server.
2. Use a standard RJ-45 cable to connect the video server to a PoE Injector.
3. Use a standard RJ-45 cable to connect the PoE Injector to the non-PoE switch.
4. Use a standard power cable to connect the PoE Injector to a power outlet.



NOTE - This quick guide refers to a CCTV camera which is connected to a VS-01A as a Network Camera.



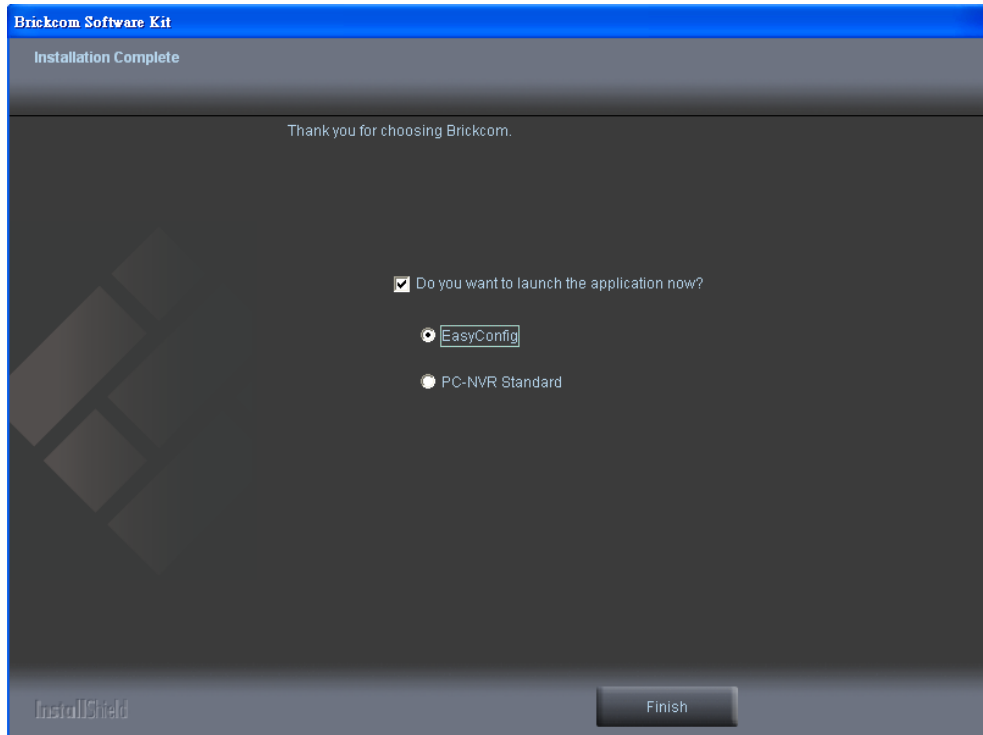
4. Setup the Network Camera

1. Insert the Installation CD into the CD-ROM driver. Run Auto-Run Tool directly from the CD-ROM to start the installation. When installing the Brickcom software kit for the first time, select a desired language for the interface. The available languages are listed in the scroll box. Click **<Install>** and follow the steps to install the EasyConfig wizard on the desired computer.



Please follow the instruction of the InstallShield Wizard to finish the Brickcom Software Kit installation.

2. To launch EasyConfig or PC-NVR Standard, select the application and click **<Finish>**. When launching the PC-NVR program, please refer to the PC-NVR user manual.



EasyConfig

To launch EasyConfig, select EasyConfig from the start menu. If Complete Setup type was used in the software installation, an EasyConfig icon was installed on the desktop. Double click to open the icon.



If Custom Setup type was used in the software installation and an EasyConfig icon was not installed on the desktop, the program will be installed under C:\Program Files\Brickcom\EasyConfig unless the program was saved to a preferred directory.

1. Click <**Start**> to continue. The program will automatically search for the camera in the intranet.



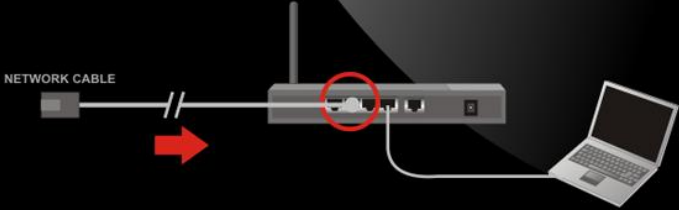
NOTE - Check "Skip the hardware installation guide" to skip checking the hardware connection. To check the hardware installation settings, do not check the option box.




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Connection

1 Plug one end of the supplied network cable into your network switch or router.

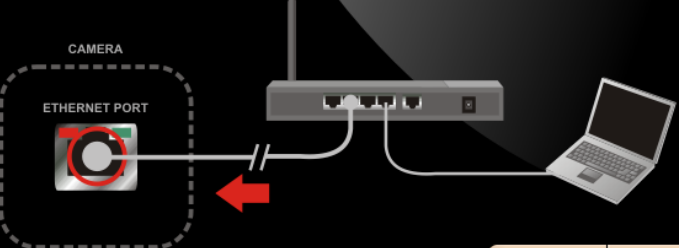


NETWORK CABLE




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2 Plug the other end of the supplied network cable into the camera's Ethernet port.



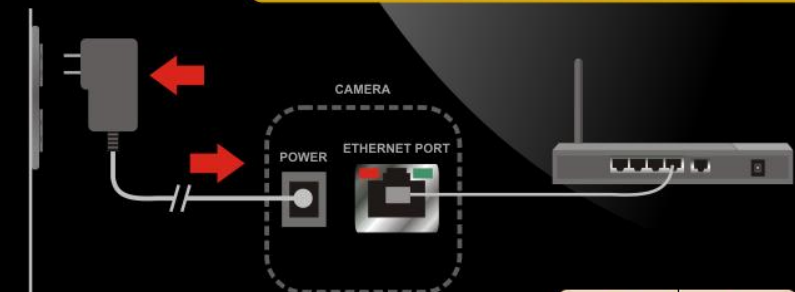
CAMERA

ETHERNET PORT



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3 Plug the power adapter into the camera's power port. Then connect the other end into the power outlet. Please check that the LED light is on.




POWER SOCKET

CAMERA

POWER

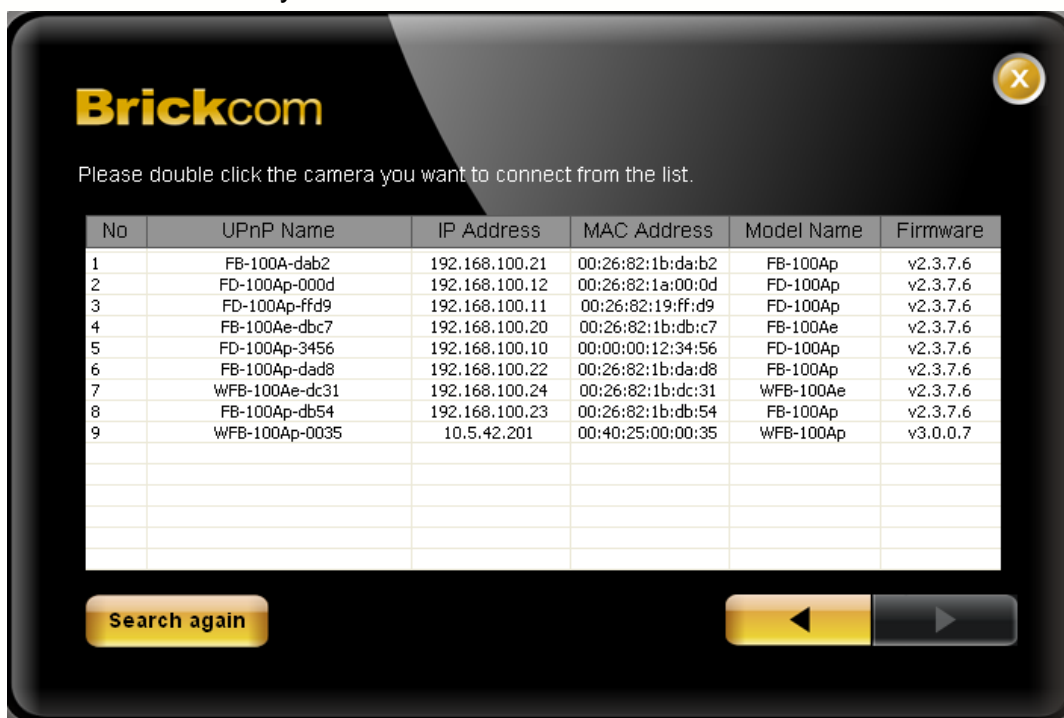
ETHERNET PORT



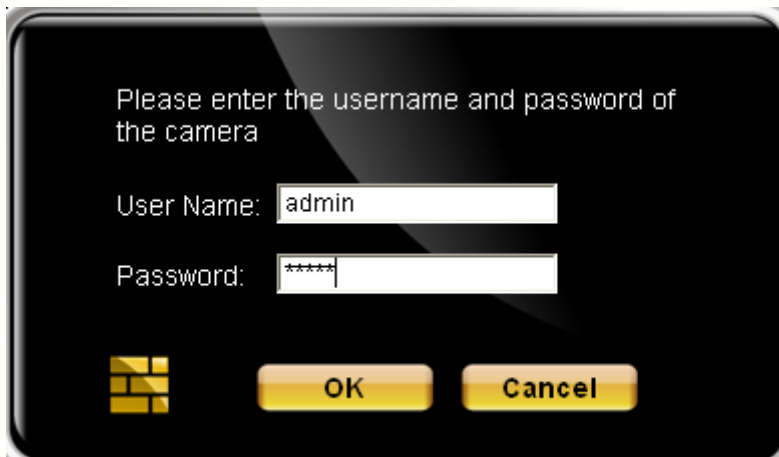
2. Select either “Simple Mode” or “Professional Mode” to obtain the camera’s IP settings. If “Simple Mode” is selected, EasyConfig will set up the connection automatically. If “Professional Mode” is selected, the user will need to configure the IP settings manually.



3. There may be many cameras in the local network. Differentiate the cameras using their UPnP name. Double click on the camera from the survey list to connect.




4. Enter the username and password of the camera. For first time use, the default username and password are “**admin/admin.**”



Please enter the username and password of the camera

User Name:

Password:



5. For configuring the IP address settings, select either <Settings remain the same>, <Automatically obtain an IP Address (DHCP)> or <Set IP Address configuration manually>. The DHCP setting is recommended.



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Select the IP Address settings.

- Settings remain the same
- Automatically obtain an IP Address (DHCP)
- Set IP Address configuration manually

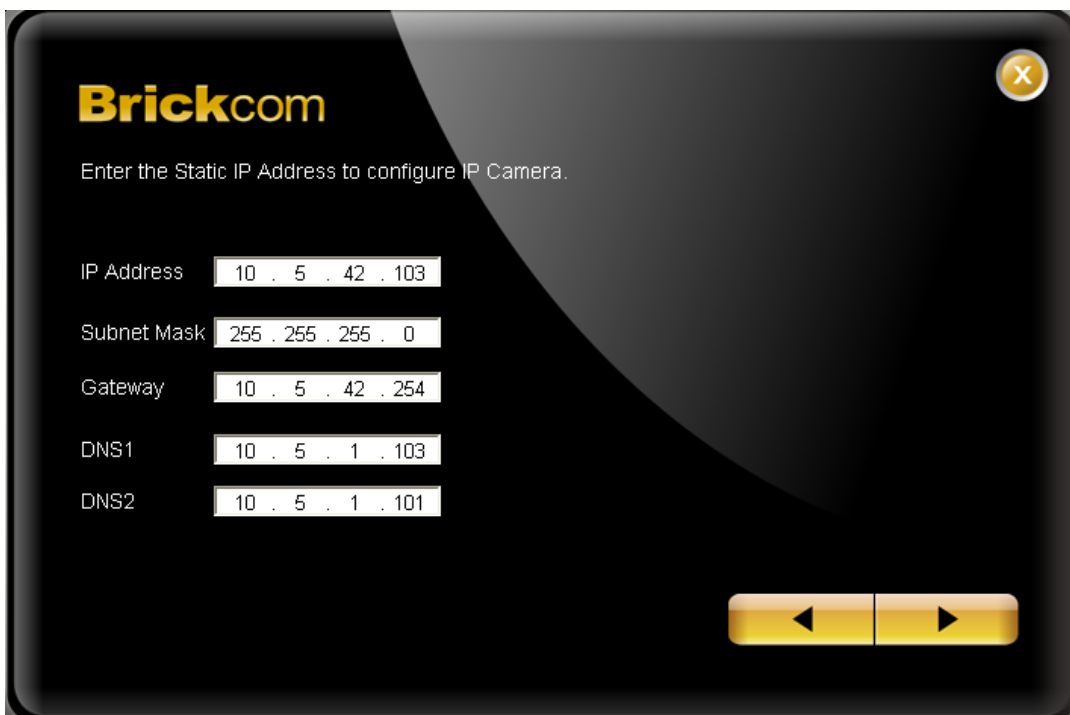
- a. If <Set IP Address configuration manually> is selected, the following pages will be displayed.



The screenshot shows a dark-themed window titled "Brickcom" with a close button in the top right corner. Below the title, the text "Select the IP Address settings." is displayed. There are three radio button options:

- Settings remains the same
- Automatically obtain an IP Address (DHCP)
- Set IP Address configuration manually

At the bottom of the window, there are two yellow navigation buttons with left and right arrows.

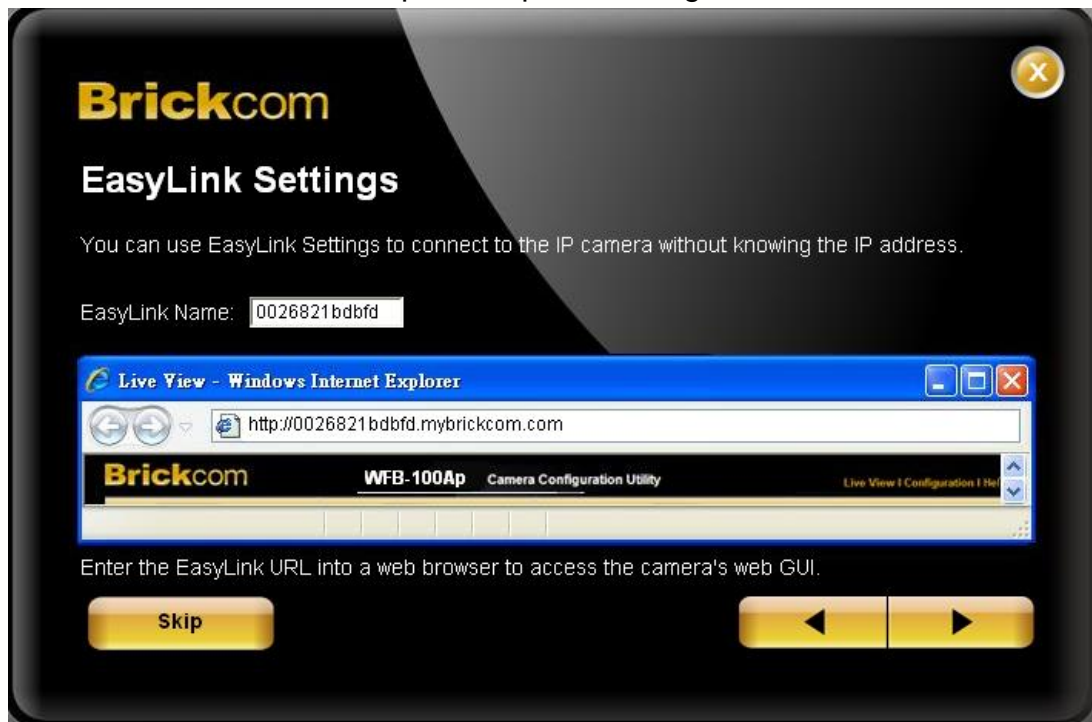


The screenshot shows a dark-themed window titled "Brickcom" with a close button in the top right corner. Below the title, the text "Enter the Static IP Address to configure IP Camera." is displayed. There are five input fields for static IP configuration:

IP Address	10 . 5 . 42 . 103
Subnet Mask	255 . 255 . 255 . 0
Gateway	10 . 5 . 42 . 254
DNS1	10 . 5 . 1 . 103
DNS2	10 . 5 . 1 . 101

At the bottom of the window, there are two yellow navigation buttons with left and right arrows.

6. If the camera supports the EasyLink™ function, the following page **will be** displayed. Otherwise, this page **will not** be shown.
*If desired, click <Skip> to skip this setting.



EasyLink™ is a unique Brickcom function which allows users to assign a unique EasyLink name to their network camera's IP address. There is no need to configure the router to open up ports or remember hard-to-memorize IP addresses. Users can log onto [uniqueEasyLinkname].mybrickcom.com to view the camera's web GUI and live view.

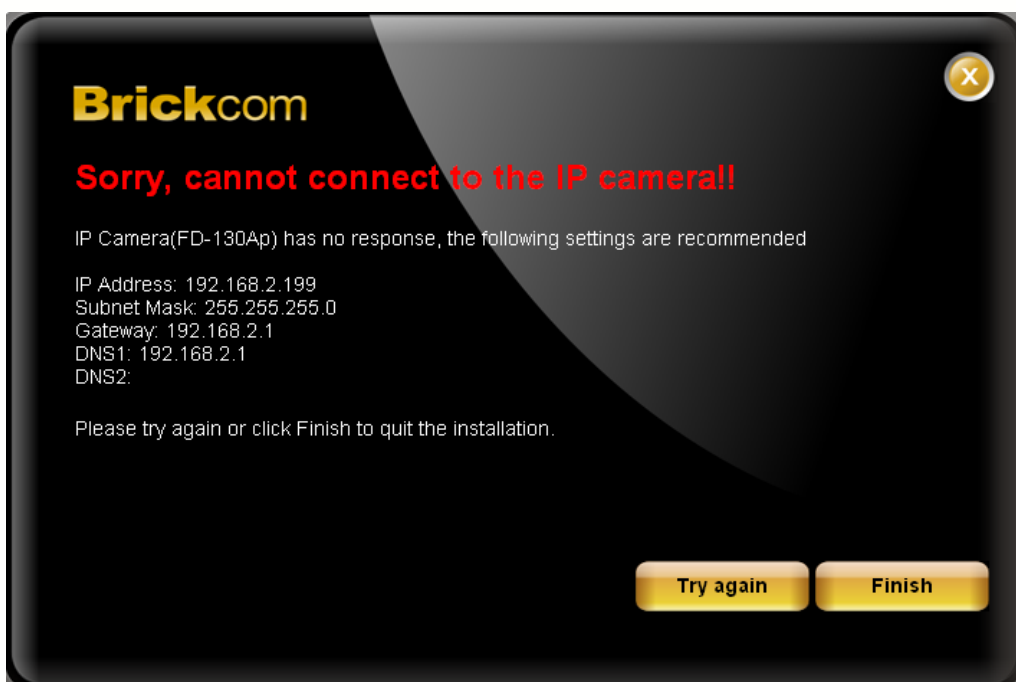
1. Enter a unique EasyLink name whose length must be between 5-32 characters.
2. When finished, click the arrow button to continue.

7. When the IP address settings have been configured, the screen will either display a successful or failed connection message. If the connection failed, either try again or quit the installation.

- a. If “DHCP IP address settings” was selected, the failure page will be displayed as below:



- b. If “Static IP address settings” was selected, the failure page will be displayed as below:



- c. If the connection was successful, the user will see the message:
“Congratulations. The installation of the camera is complete.”

When this window is displayed, click <**PC-NVR**> to start the PC-NVR program, <**Live View**> to view the live video from the connected IP camera, or <**X**> in the top right corner of the screen to close the installation window. To run the PC-NVR program, please refer to the PC-NVR user manual for more information.

