

**Brickcom**

Megapixel Day & Night  
Outdoor Bullet Network Camera

**OB-100A V1 Series**

**OB-100A/WOB-100A**

**Quick Installation Guide**

Quality Service Group



## Read Before You Use

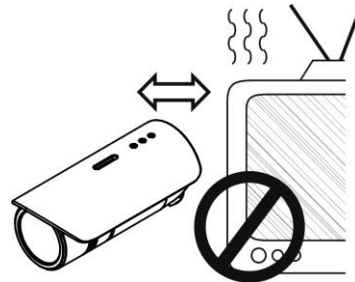
1. Power off the camera device immediately if it starts smoking or smells unusual.



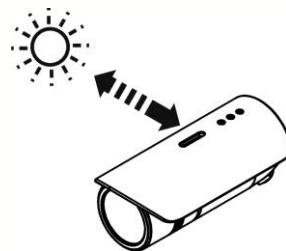
2. Power off the camera device immediately if the camera is exposed to rain or liquid.



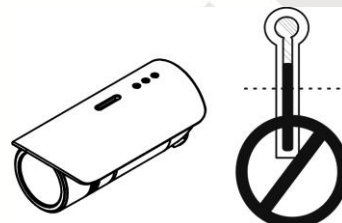
3. Do not set the camera device near any heat sources. (Ex: television and oven)



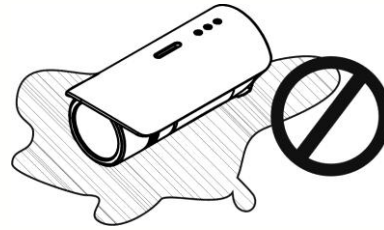
4. Keep the camera device away from direct sunlight.



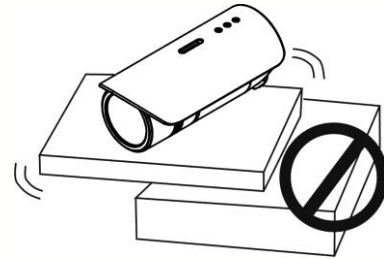
5. Do not set the camera device over the specific operating temperature.



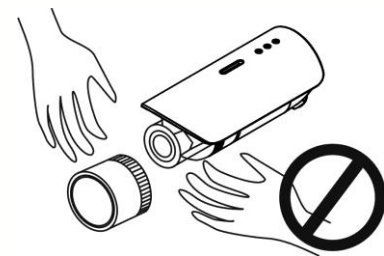
6. Do not set the camera device in any wet and humid environments.



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



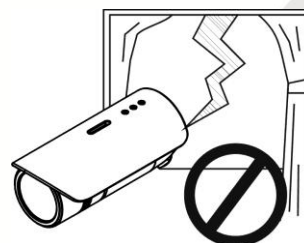
8. Do not attempt to dismantle the camera device.



9. Do not drop or hit the camera device.



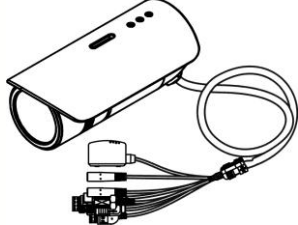
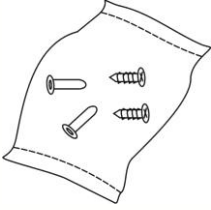
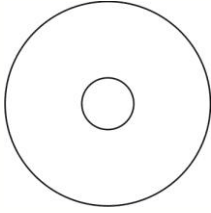
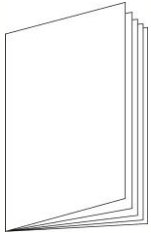
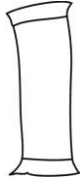

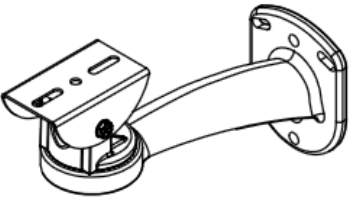
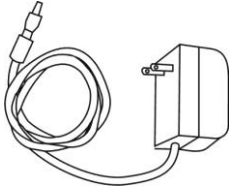
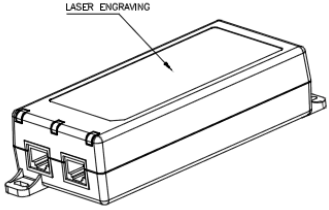
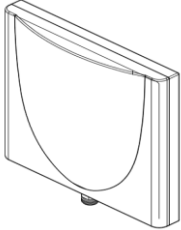
10. Do not use the camera device when there is lightning.





## 1. Check Package Contents

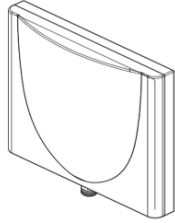
### A. Camera Package contents

<p>a. Network Camera (OB-100A/ WOB-100A)</p> 	<p>b. Screws Bag</p> 
<p>c. Product CD</p> 	<p>d. Easy Installation Guide</p> 
<p>e. Dry Bag</p> 	<p>f. Warranty Card</p> 
<p>g. Bracket (Optional)</p> 	<p>h. Power Adapter (Optional)</p> 
<p>i. POE (Optional)</p> 	<p>j. Wi-Fi Dual Band Antenna package(Optional)</p> 

## B. Wi-Fi Antenna Package contents (Optional)

Please refer to the installation guide for the Wi-Fi antenna installation details.

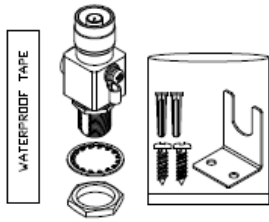
a. Wi-Fi Dual Band Antenna



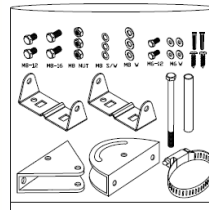
b. Extension Cable



c. Surge Arrestor Kit



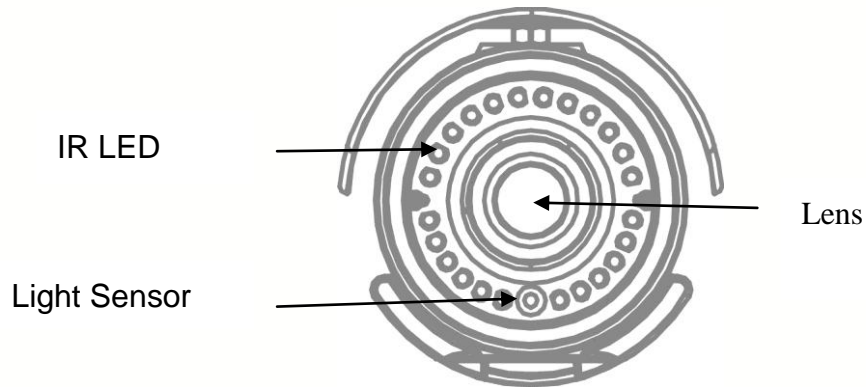
d. Mount Kit



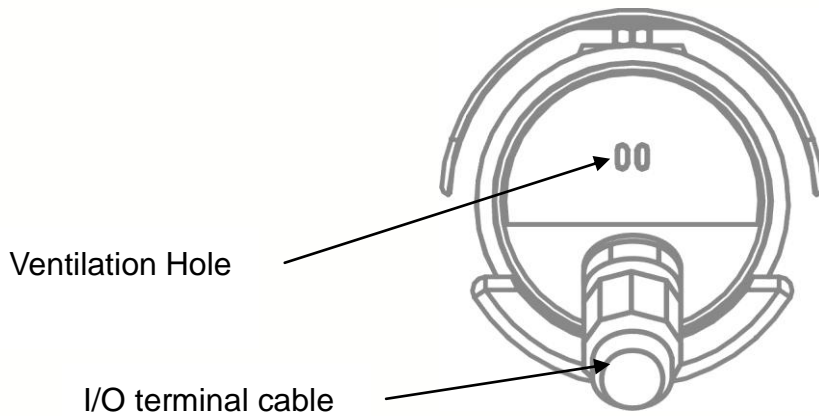


## 2. Device Description

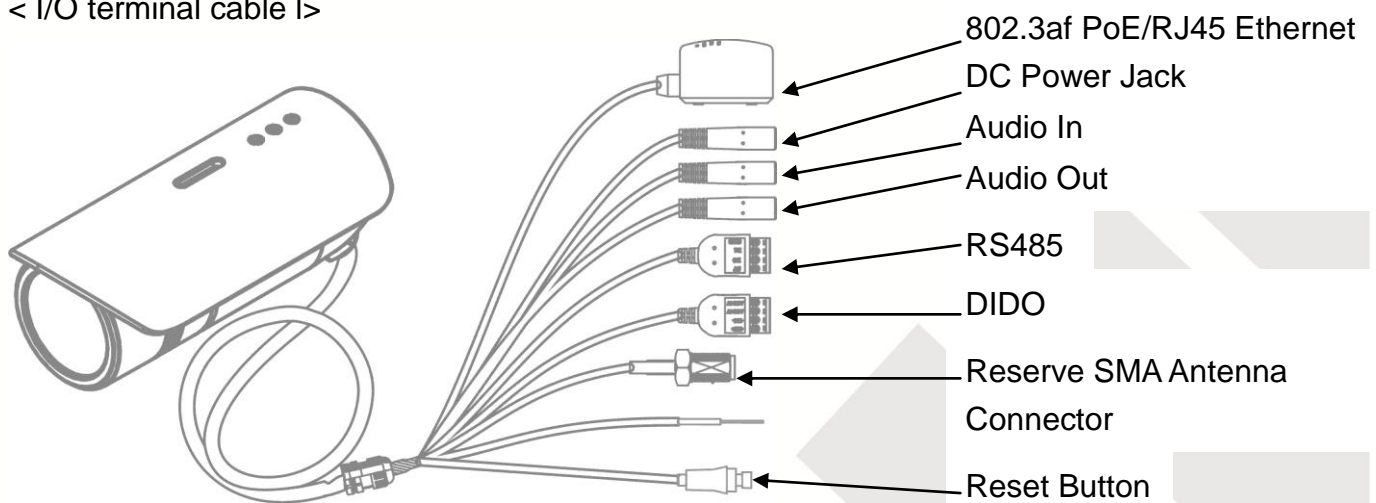
### <Front Panel>



### <Rear Panel>



### < I/O terminal cable l >



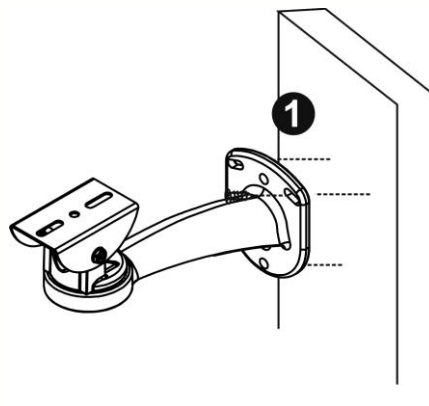


## 3. Hardware Installation

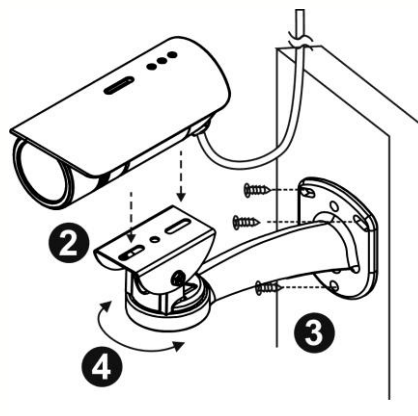
**WARNING: Do not mount the camera on a soft material. The camera may fall and be damaged.**

### Camera and Bracket Installation

1. Choose the location on the wall to place the camera. Use the bracket as a guide and drill four holes into the wall. Hammer the supplied plastic anchors into the holes.



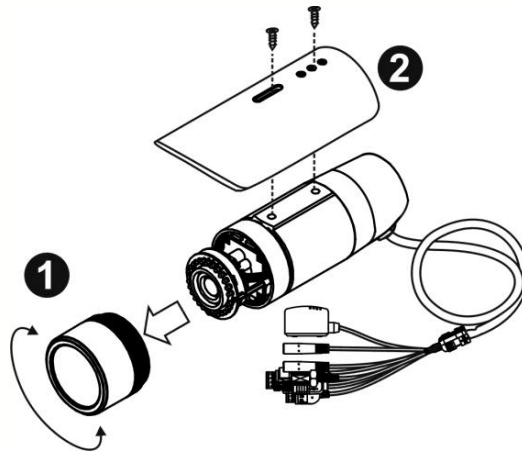
2. Place the Network Camera on the bracket and use two screws to secure it to the bracket.
3. The user needs the four screws which are included in the product package and a screwdriver. Mount the bracket on the wall and position the four screw slots over the plastic anchors. Insert the screws into the holes and use the screwdriver to tighten the screws clockwise until they are secure.
4. Adjust the angle of the bracket so that the camera is facing the desired surveillance area.





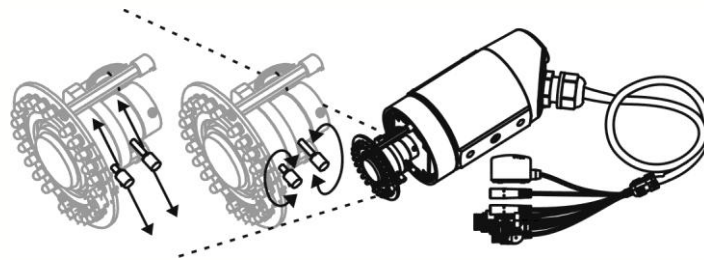
## 4. Adjust the Lens focus range and zoom viewing

4.1 Remove the Shielding and Lens cover from the Bullet Camera.

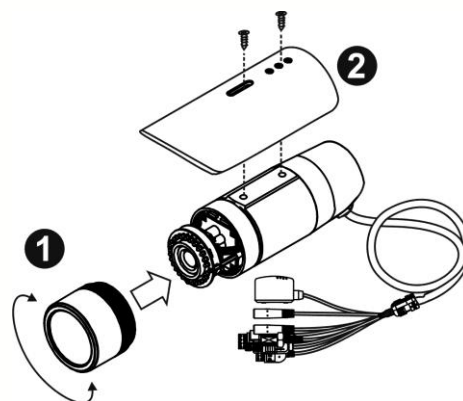


4.2 Release the view angle controller and then moving the controller bar left or right to adjust the view angle. After completion, tighten the view angle controller.

4.3 Release the focus controller and then moving the controller bar left or right to adjust the focus range. After completion, tighten the focus controller.



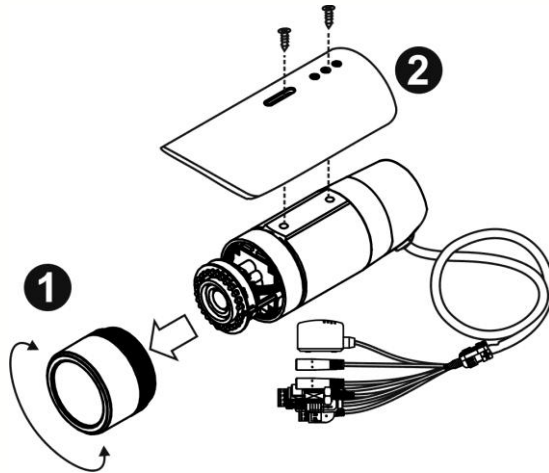
4.4 Reattach the Lens cover and secure the Shielding cover to the top of the camera device using two screws.



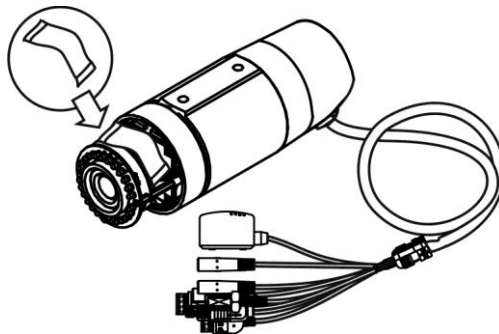


## 5. Dry Bag Installation

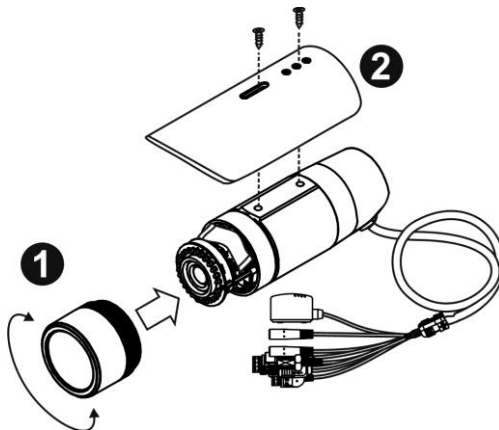
1. Remove the Shielding and Lens cover from the Bullet Camera.



2. Place a dry bag onto the camera device.



3. Reattach the Lens cover and secure the Shielding cover to the top of the camera device using two screws.





## 6. System Requirements

### Operating System:

Microsoft Windows XP Home Edition SP2

Microsoft Windows XP Professional SP2

### Computer:

IBM PC/AT Compatible

### CPU:

Pentium 3GHz or faster

### Memory:

1024 MB or more

### Monitor:

1024 x 768 pixels or more, 24-bit True color or better

### Network Interface:

10/100Mbps Network interface card must be installed

### Web Browser:

Microsoft Internet Explorer 6.0 SP2 or higher

### Adobe Reader:

Adobe Reader 8.0 or higher

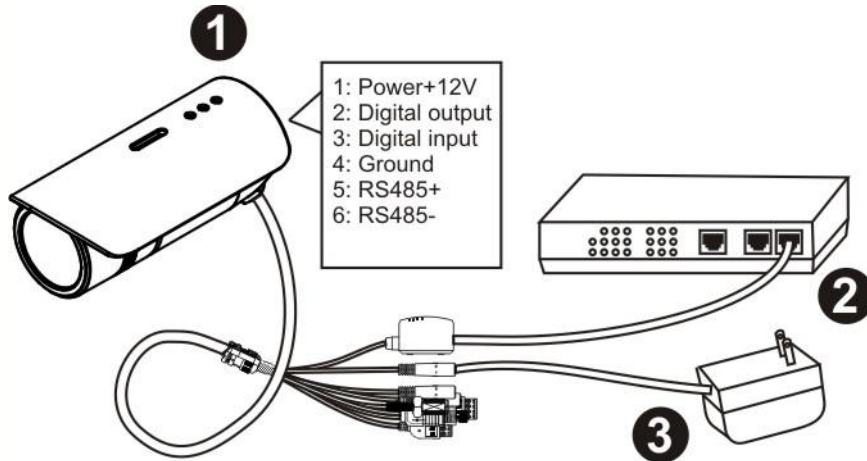
### Audio:

The audio function will not work if a sound card is not installed in the PC. Audio may be interrupted depending on network traffic.



## 7. Camera Connection

### Basic Connection (Without PoE)

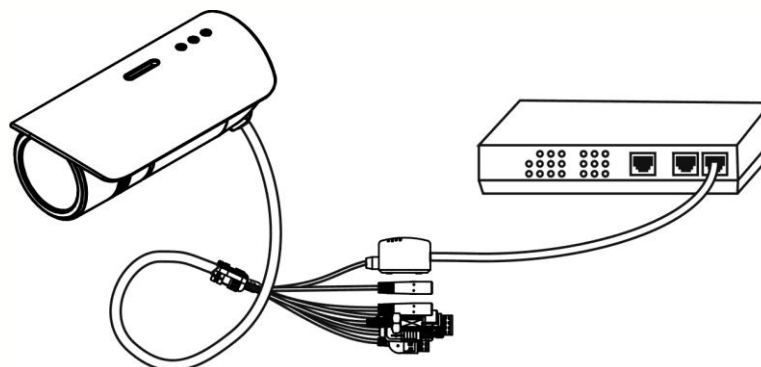


1. To attach external devices, such as sensors and alarms, connect them to the extension I/O terminal block.
2. Connect the camera to a switch using an Ethernet cable.
3. Connect the supplied power cable to the camera and plug it into a power outlet.

### Power over Ethernet (PoE) Connection

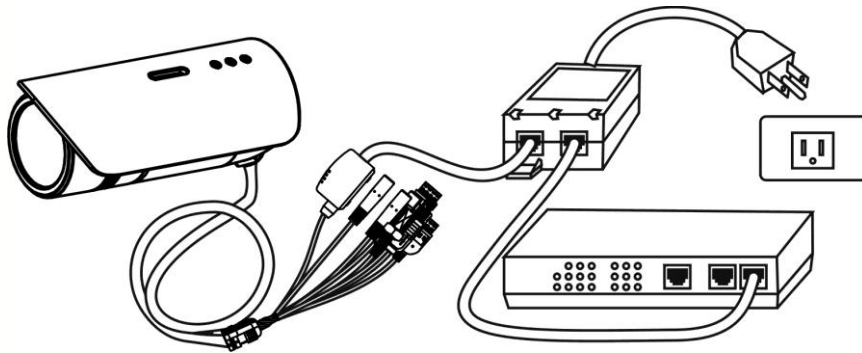
The OB-100A is PoE compliant, so there are two options for connecting the camera to a power and Ethernet source. The camera can either be connected to a PoE-enabled switch or a non-PoE switch.

#### A. If using a PoE-enabled switch:



1. Use a single Ethernet cable to connect the camera to the PoE-enabled switch.

## B. If using a non-PoE switch:



1. Use a standard RJ-45 cable to connect the camera to a PoE Injector.
2. Use a standard RJ-45 cable to connect the PoE Injector to the non-PoE switch.
3. Use a standard power cable to connect the PoE Injector to a power outlet.



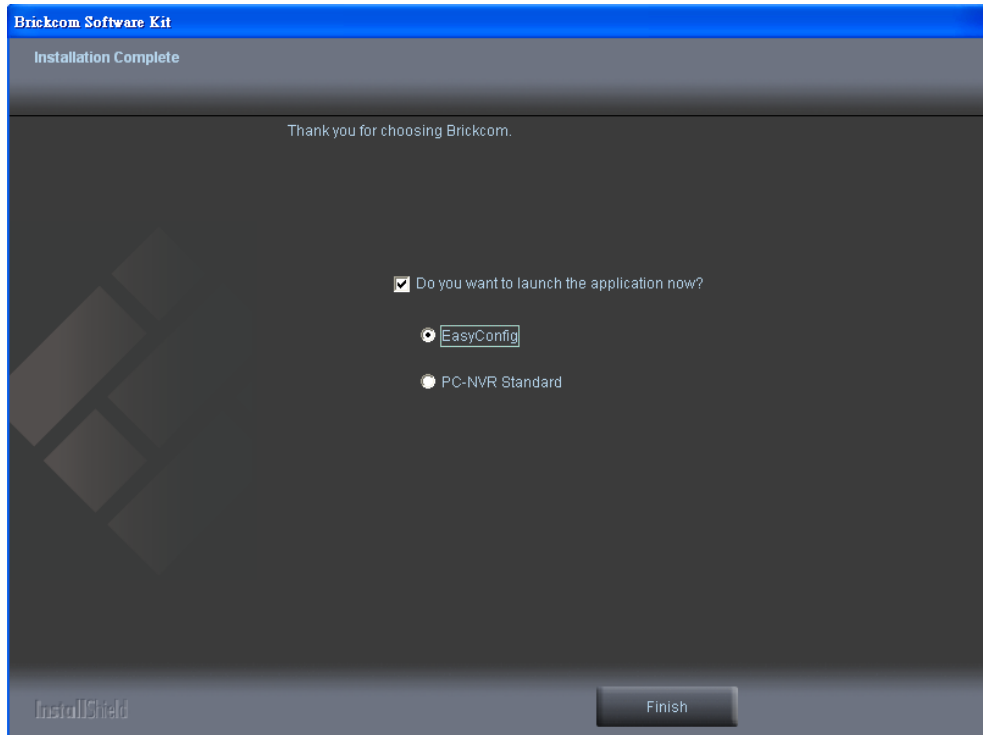
## 8. Setup the Network Camera

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.

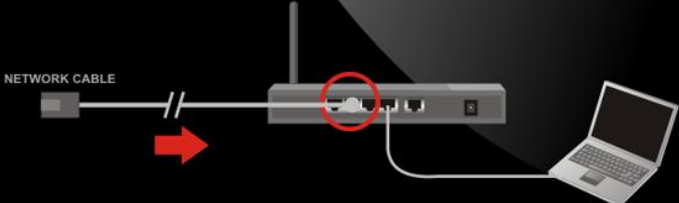
 **NOTE** - Check “Skip the hardware installation guide” to skip checking the hardware connection. To check the hardware installation settings, do not check the option box.




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**Connection**

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

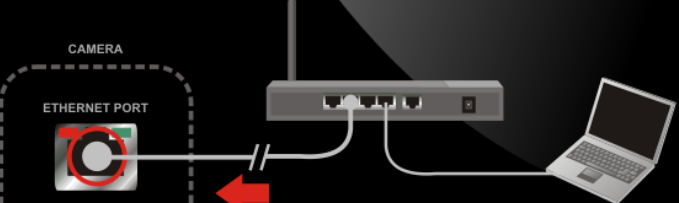


NETWORK CABLE




**Brickcom**

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



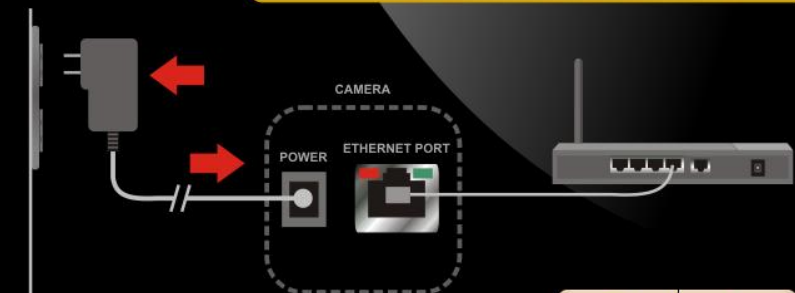
CAMERA

ETHERNET PORT



**Brickcom**

**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

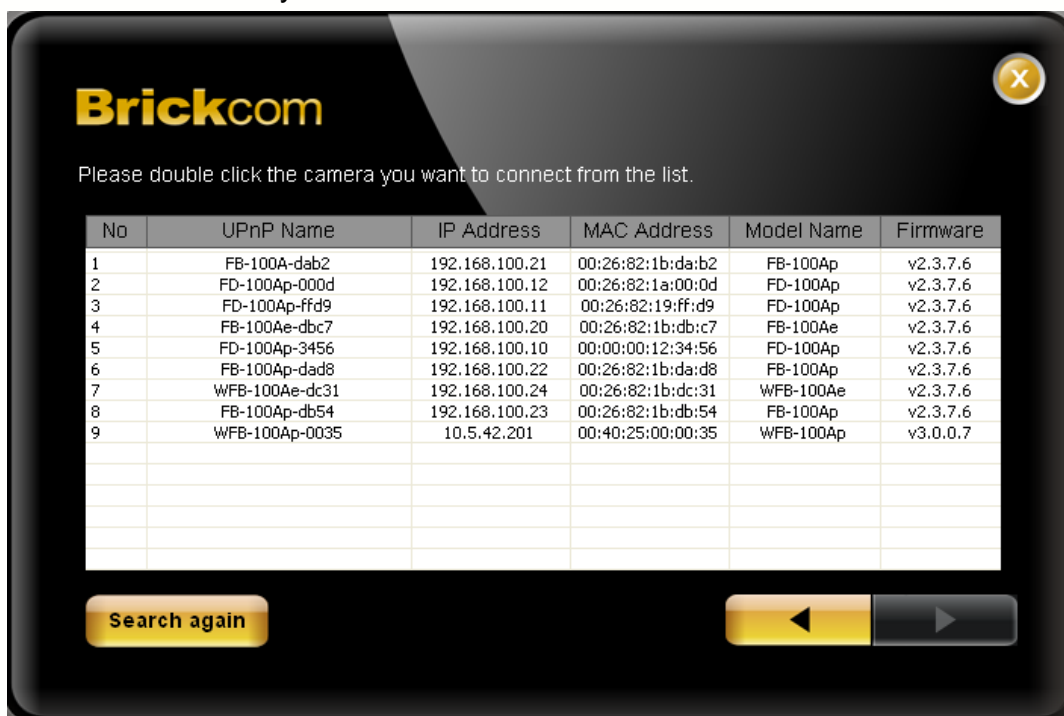
ETHERNET PORT



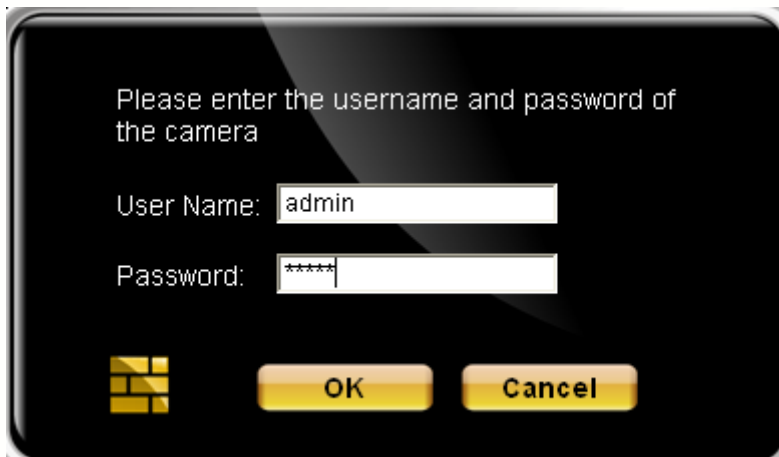
2. Select either “Simple Mode” or “Professional Mode” to obtain the camera’s IP settings. If “Simple Mode” is selected, EasyConfig will set up the connection automatically. If “Professional Mode” is selected, the user will need to configure the IP settings manually.



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.



**Brickcom** X

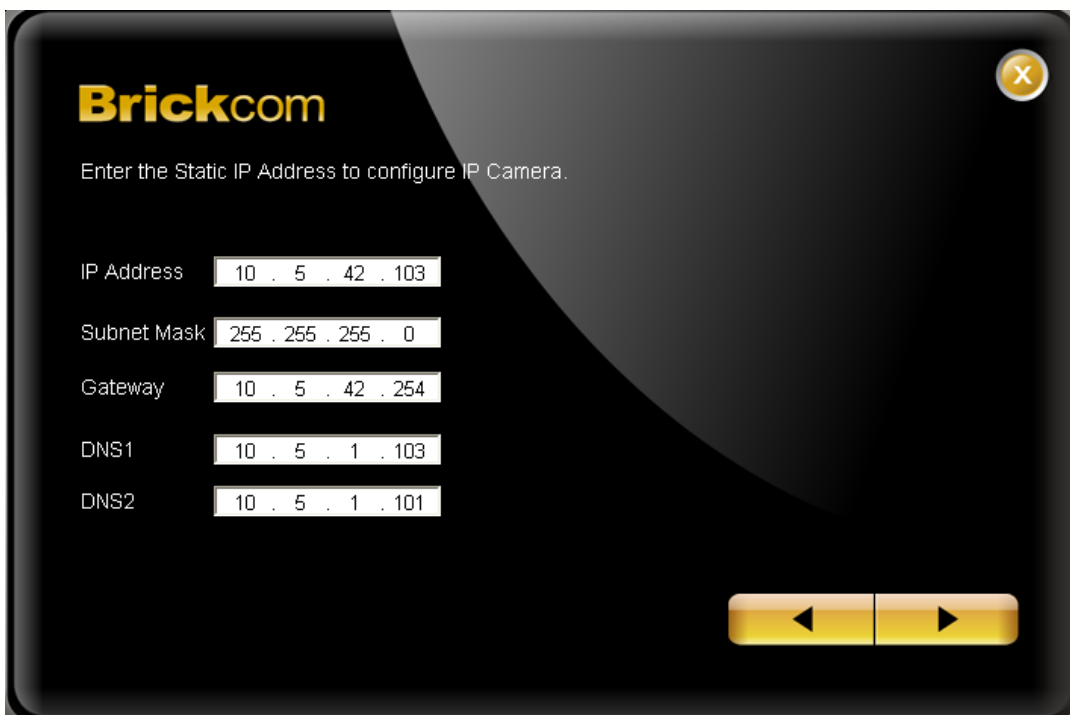
Select the IP Address settings.

- 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.

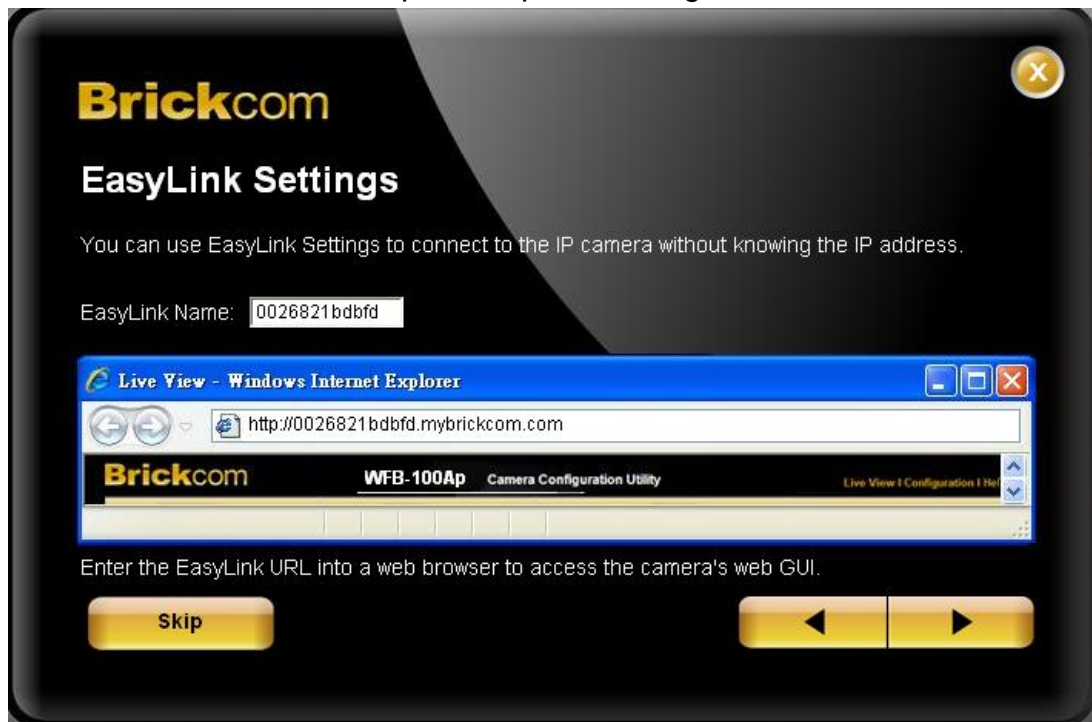


The screenshot shows a dark-themed window titled "Brickcom" with a close button in the top right corner. Below the title, the text "Select the IP Address settings." is displayed. There are three radio button options: "Settings remains the same", "Automatically obtain an IP Address (DHCP)", and "Set IP Address configuration manually". The third option is selected. At the bottom, 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 IP configuration: "IP Address" (10 . 5 . 42 . 103), "Subnet Mask" (255 . 255 . 255 . 0), "Gateway" (10 . 5 . 42 . 254), "DNS1" (10 . 5 . 1 . 103), and "DNS2" (10 . 5 . 1 . 101). At the bottom, 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.

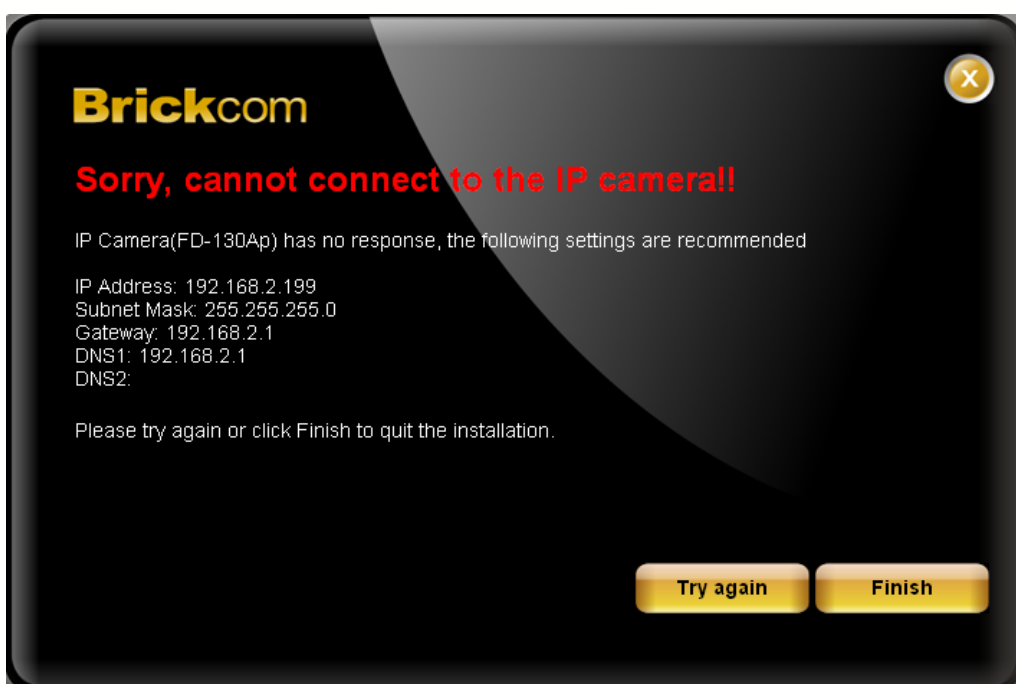
1. Enter a unique EasyLink name whose length must be between 5-32 characters.
2. When finished, click the arrow button to continue.

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.

