

Brickcom

Outdoor Megapixel Mini Dome
Network Camera

MD-100A Series

Quick Installation Guide

Quality Service Group



Read Before You Use

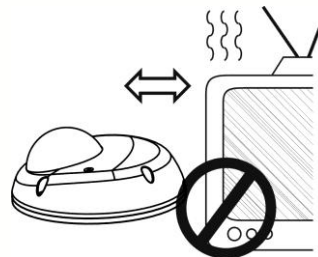
1. Power off the camera device immediately if it starts smoking or smells unusual.



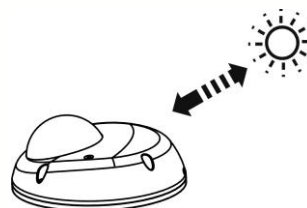
2. Power off the camera device immediately if the camera is exposed to rain or liquid.



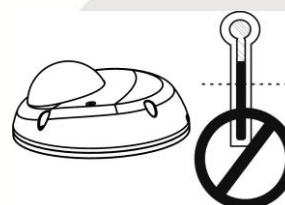
3. Do not set the camera device near any heat sources. (Ex: television and oven)



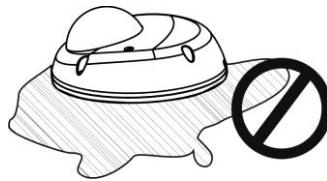
4. Keep the camera device away from direct sunlight.



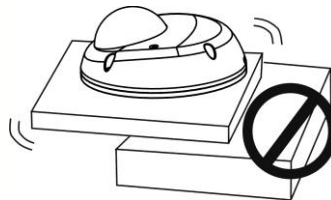
5. Do not set the camera device over the specific operating temperature.



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



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



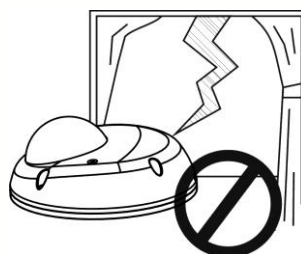
8. Do not attempt to dismantle the camera device.



9. Do not drop or hit the camera device.



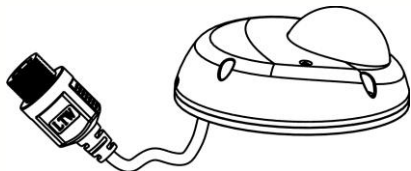
10. Do not use the camera device when there is lightning.



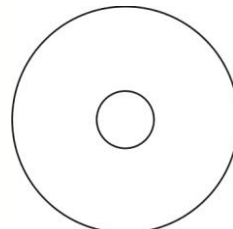


1. Check Package Contents

a. MD-100A



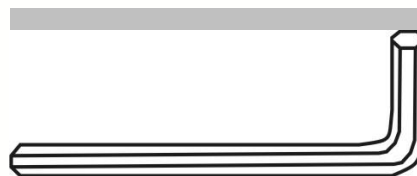
b. Product CD



c. Water-Proof Connector



d. Allen Key



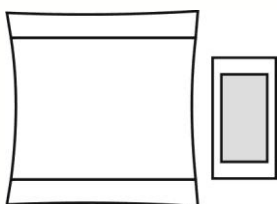
e. Warranty Card



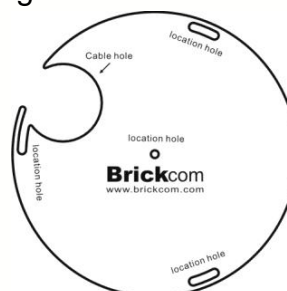
f. Screw Bags



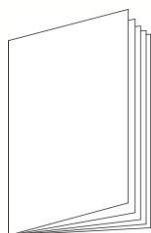
g. Dry Bag / Double-Sided Tape



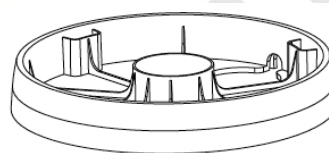
h. Alignment Sticker



i. Easy Installation Guide



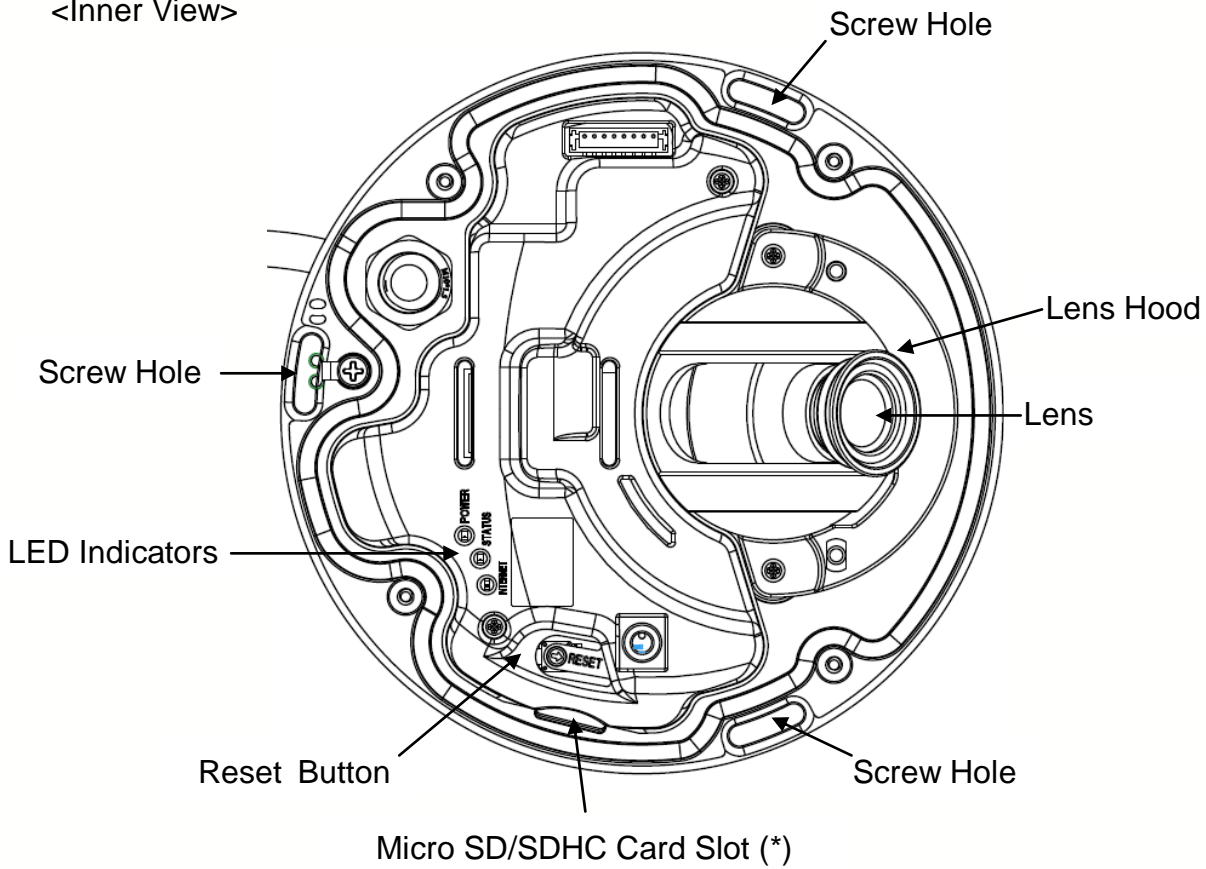
j. Mounting Adapter



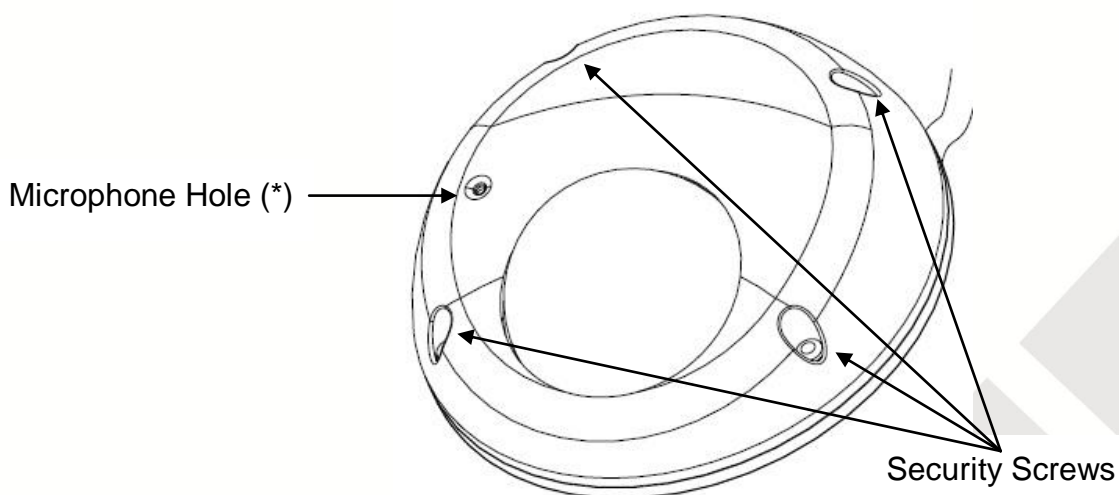


2. Device Description

<Inner View>



<Outer view>



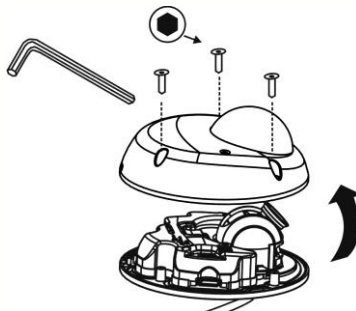
(*) These are optional features. Please refer to the Product List for the full list of optional features that are available for this product.



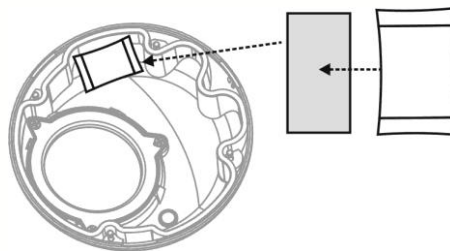
3. Hardware Installation

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

1. Use the enclosed Allen key to detach the dome cover from the camera device.

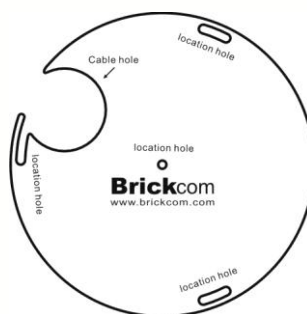


2. Remove the dry bag from its package. Use the double-sided tape to stick the dry bag onto the designate position inside of the dome cover.

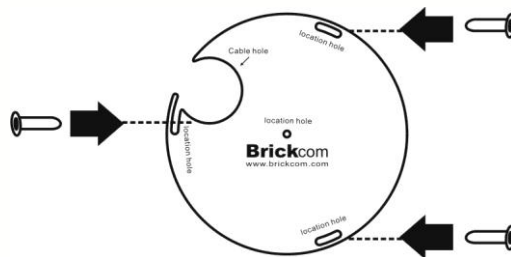


3. Choose the location on the wall or ceiling to place the camera. Attach the location sticker to the desired spot. For ceiling installation, the best place to mount the camera is into a ceiling stud.

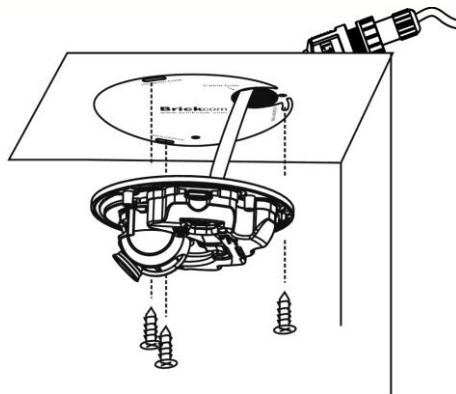
4. Drill three holes through the center of the three location holes on the sticker.



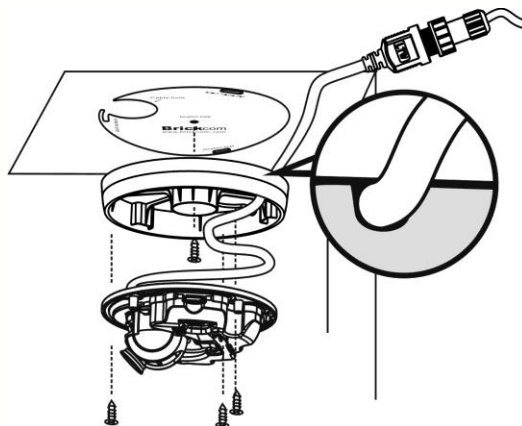
5. Hammer the three plastic anchors provided in the product package into the three location holes.



6. The user needs the three screws which are included in the product package and a screwdriver. Mount the camera on the wall or ceiling and position the three screw slots over the plastic anchors. Insert the three screws provided in the product package into the holes and use a screwdriver to tighten the screws clockwise until they are secure.



For the hard surface mounting, user can use enclosed adapter to router the camera's cable through side of the adapter.

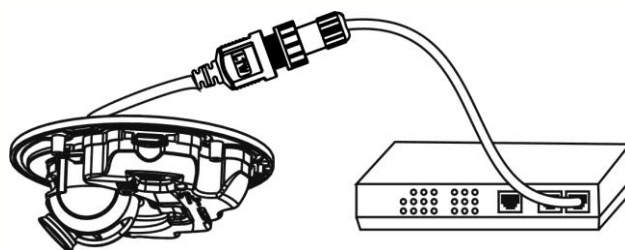


NOTE: For assembling the waterproof connector, please refer to the instructions included in the connector package.

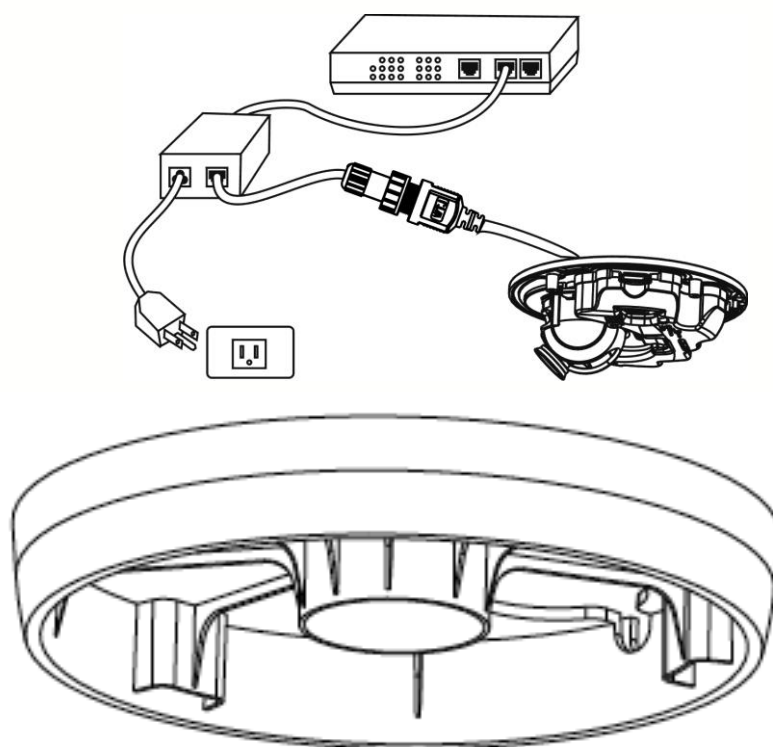


4. Camera Connection

1. Connect the camera to a PoE-enabled hub via a single Ethernet.



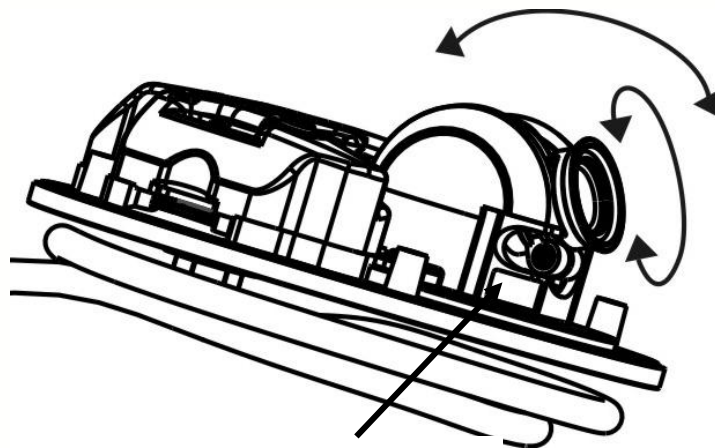
2. Connect the camera to a non-PoE hub using a PoE Injector.





5. Lens Adjustment

1. Adjust the lens to the desired position.
2. Focus
 - a. Loosen the lens lock screw.
 - b. Remove the lens hood.
 - c. Rotate the lens until the image in the Live View page is focused.
 - d. Retighten the lens screw lock.
 - e. Reattach the lens hood.



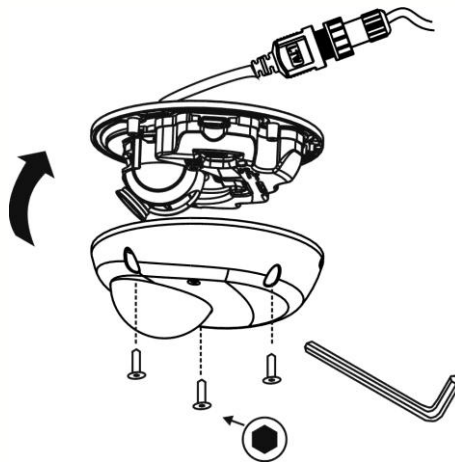
Lens Lock Screw

WARNING: Do not over rotate the lens.



6. Complete the installation

Place the dome cover back on the camera device using the supplied Allen Key.





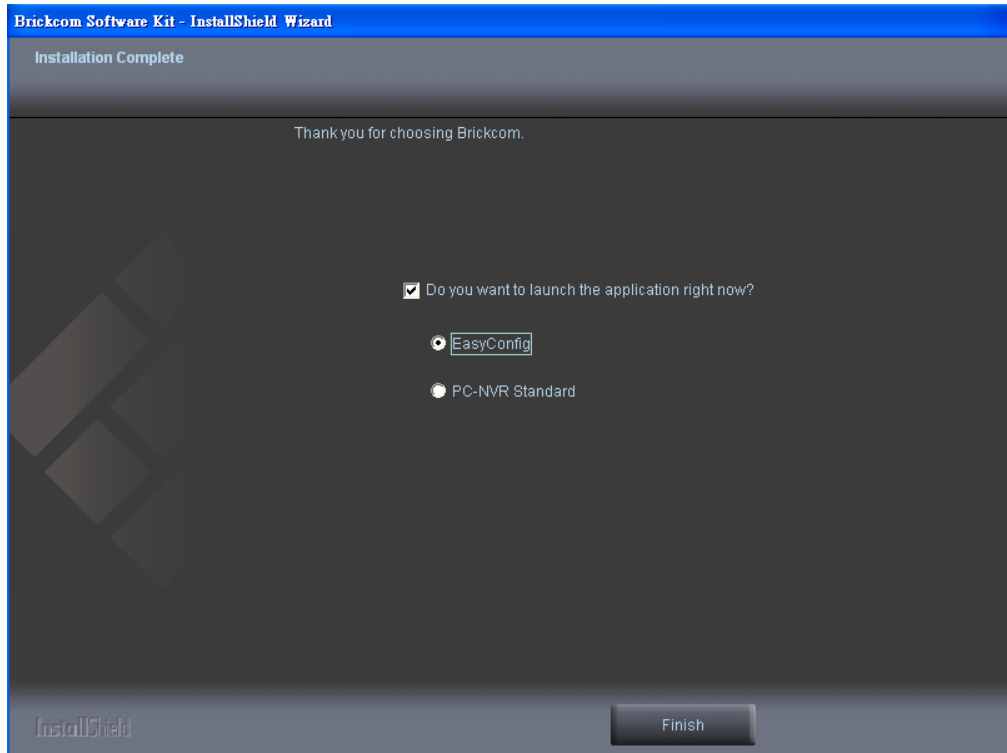
7. Setup the Network Camera

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.



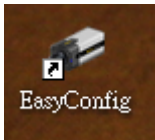
Please follow the InstallShield Wizard instructions to finish the Brickcom Software Kit installation.

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.



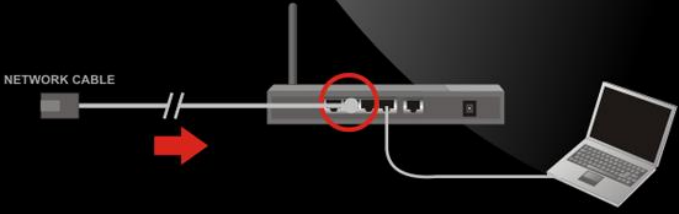
NOTE - Check “Skip the hardware installation guide” to skip checking the hardware connection. To check the hardware installation settings, do not check the option box.




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Connection

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

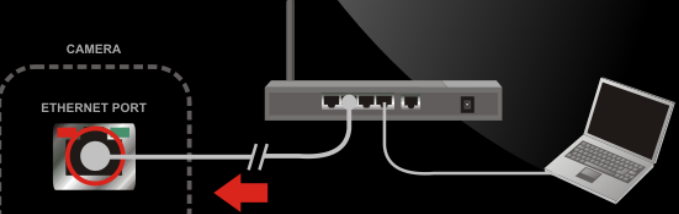


NETWORK CABLE




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




CAMERA

ETHERNET PORT



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

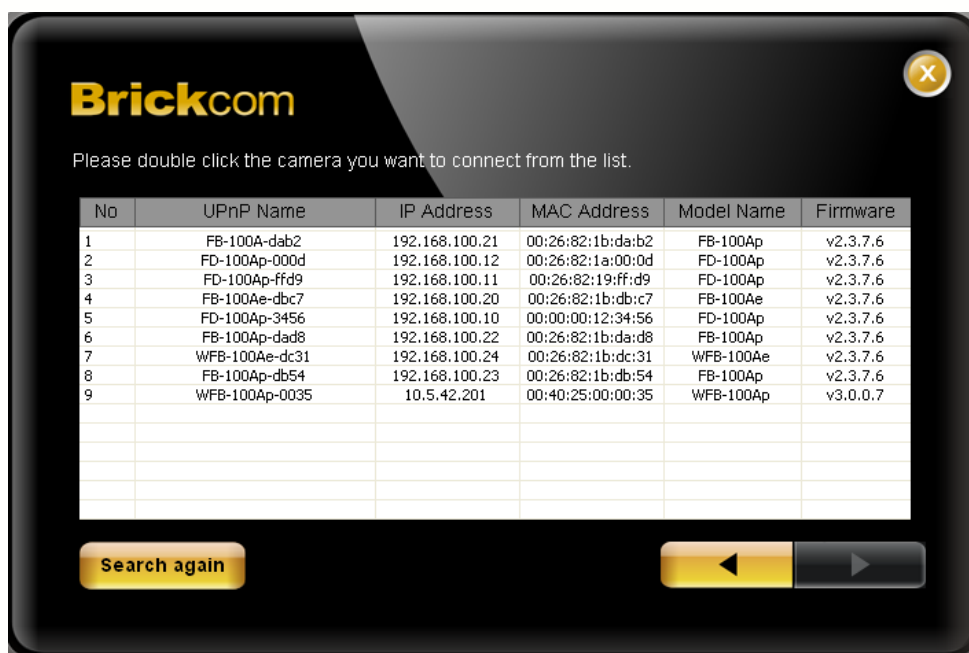
ETHERNET PORT



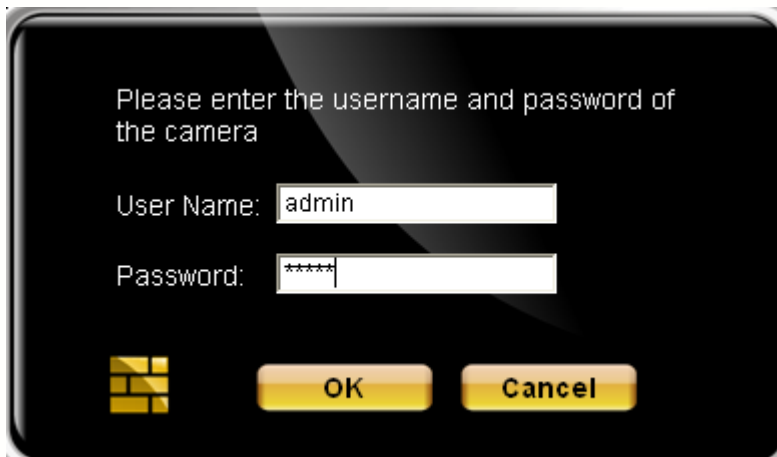
2. Select either “Simple Mode” or “Professional Mode” to obtain the camera’s IP settings. If “Simple Mode” is selected, EasyConfig will set up the connection automatically. If “Professional Mode” is selected, the user will need to configure the IP settings manually.



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.**”



A screenshot of a login dialog box with a black background and rounded corners. The text reads: "Please enter the username and password of the camera". Below this, there are two input fields: "User Name:" with the text "admin" entered, and "Password:" with "*****" entered. At the bottom left is a small yellow grid icon. At the bottom center are two yellow buttons labeled "OK" and "Cancel".

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.

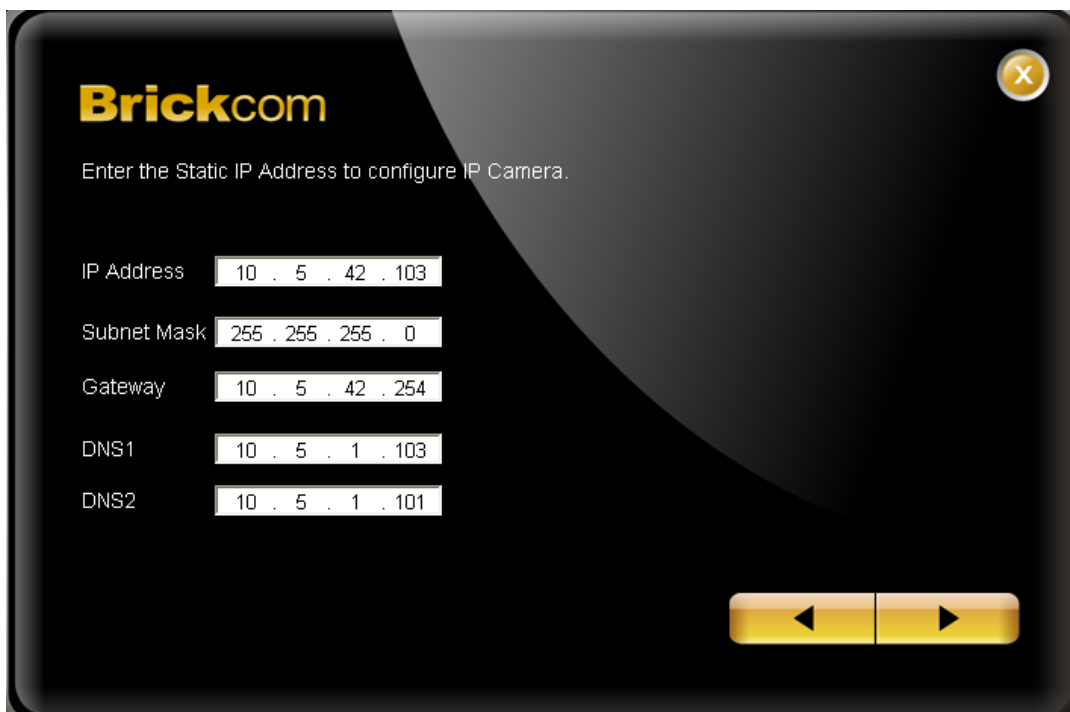


A screenshot of an IP Address settings dialog box with a black background and rounded corners. The "Brickcom" logo is in the top left. The text reads: "Select the IP Address settings." Below this are three radio button options: "Settings remains the same" (which is selected), "Automatically obtain an IP Address (DHCP)", and "Set IP Address configuration manually". At the bottom right are two yellow buttons with left and right arrow icons. A small yellow 'X' button is in the top right corner.

- 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 right, 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 right, 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.



The screenshot shows a dark-themed dialog box titled "Brickcom Easy Link Settings". At the top left is the Brickcom logo, and at the top right is a close button (X). Below the title, there is a brief instruction: "You can use EasyLink Settings to connect to the IP camera without knowing the IP address." The settings include a checked "Enable" checkbox, a "Domain Name" field containing "002682592efd" followed by ".mybrickcom.com", and a "Refresh Time" dropdown menu set to "1 hr". Below these is a browser address bar showing "http://002682592efd.mybrickcom.com". At the bottom, there is a yellow "Skip" button on the left and a yellow double-arrow navigation button on the right.

EasyLink™ is a unique Brickcom function which allows users to assign a unique domain 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. When this feature is enabled, users can log onto [uniquedomainname].mybrickcom.com to view the camera's web GUI and live view.

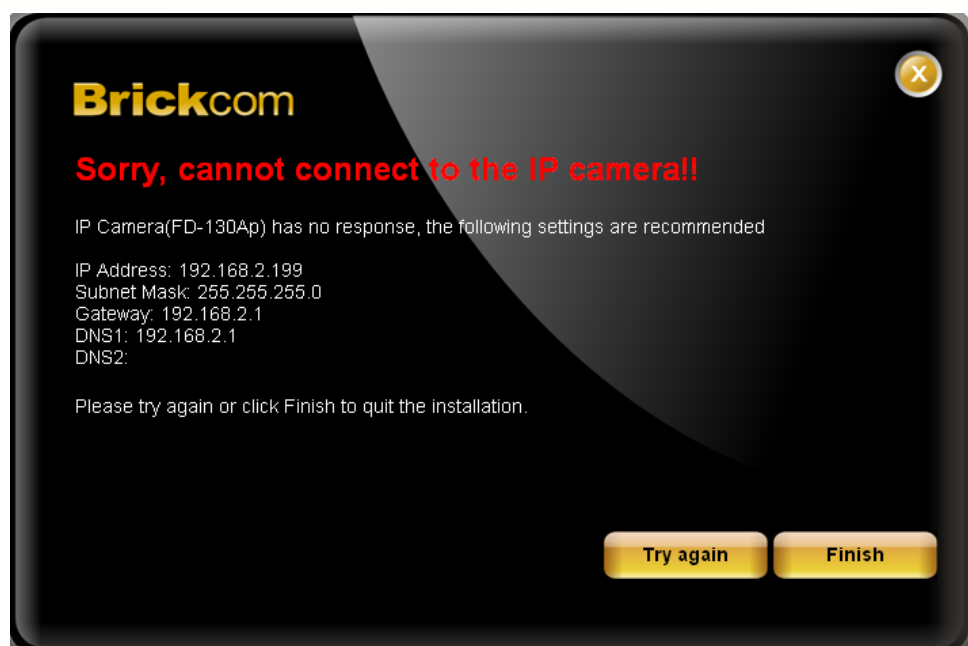
- Check the option box to enable EasyLink™. Enter a domain name whose length must be between 5-32 characters.
- For Refresh Time, select a desired amount of time from the drop-down menu to confirm the connection status.
- When finished, click the arrow button to continue.

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.

