

Getting Started Network Camera

Model No. **KX-HCM110A**

Please read the Installation manual before using. This Getting Started explains how to connect, set up and mount the camera. See the Operating Instructions on the Setup CD-ROM for details about the camera features.

- If you cannot complete the setup, see the Troubleshooting manual on the Setup CD-ROM.

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- This software is based in part on the work of the Independent JPEG Group.

Abbreviations

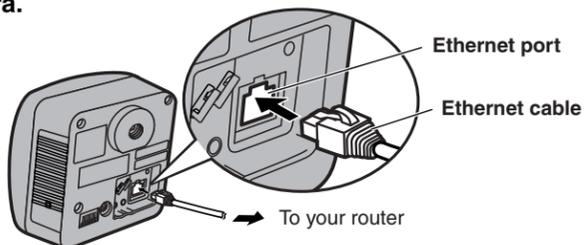
- UPnP is the abbreviation for "Universal Plug and Play".
- "Network Camera" is called "Camera" in this manual.

1. Connect the camera to your router.

Connect the camera to your router with an Ethernet cable to set up the camera.

- Before you begin the installation, the UPnP™ feature in your router needs to be enabled. Usually, the default setting disables this feature. For more info, please visit, <http://panasonic.co.jp/pcc/products/en/netwkcam/> or contact your router's manufacturer.
- These instructions assume your PC is already connected to the Internet and your home network includes a router that is UPnP™ (Universal Plug and Play) compliant.
- The camera will be connected to your router using a "straight" Cat5 network cable (customer-provided).

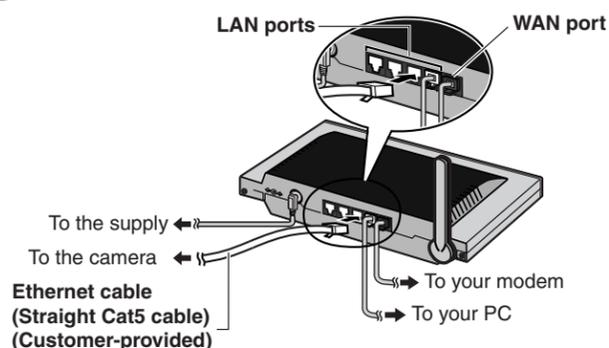
- 1 Connect the Ethernet cable (customer-provided) to the camera.



Note

These instructions assume your PC is already connected to the Internet and your network includes a router.

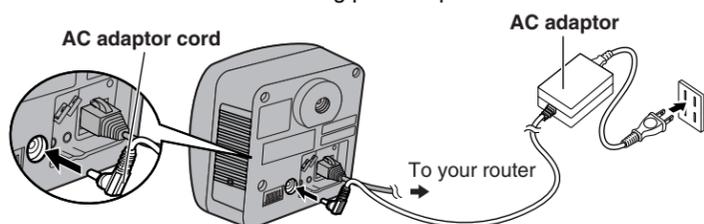
- 2 Connect the Ethernet cable to your router.



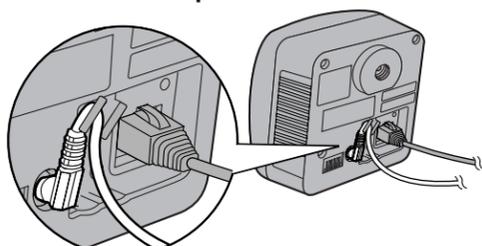
2. Turn the camera on.

Inserting the AC plug of the AC cord to the outlet powers up the camera.

- 1 Connect the AC adaptor cord to the DC In jack, and plug the AC cord into the outlet.
 - The AC cord is used as the main disconnect device, ensure that the socket-outlet is located/installed near the equipment and is easily accessible.
 - Use only specified Panasonic AC adaptor PQLV202 (Order No. PQLV202Y).
 - If the indicator does not light green, see page 3 of the Troubleshooting on the Setup CD-ROM.
 - A noise can be heard during pan/tilt operation. This is normal.



- 2 Hook the AC adaptor cord to the Hook for AC adaptor cord.



3. Set up the camera.

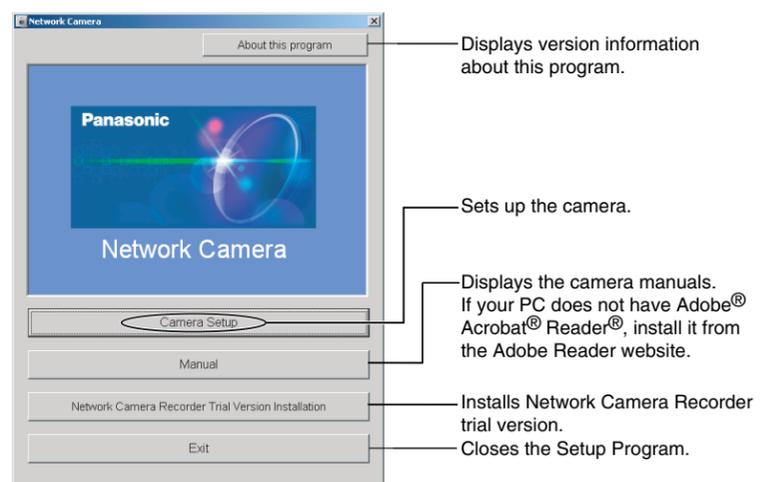
Important

- To avoid any possible problems, temporarily disable any firewall or antivirus software.
- This procedure explains installation of the camera on the same network that your PC is part of.
- Before proceeding, close your web browser.

- 1 Insert the Setup CD-ROM into the CD-ROM drive of the PC.

(If the Network Camera Setup window is not displayed automatically, double-click "Setup.exe" file on the Setup CD-ROM.)

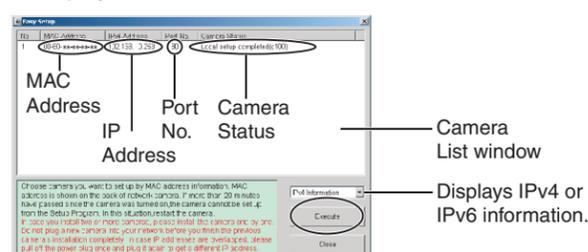
- 2 Click [Camera Setup].



- If Windows Security Alert is displayed, click [Unblock].

- 3 Select the camera to set up and click [Execute].

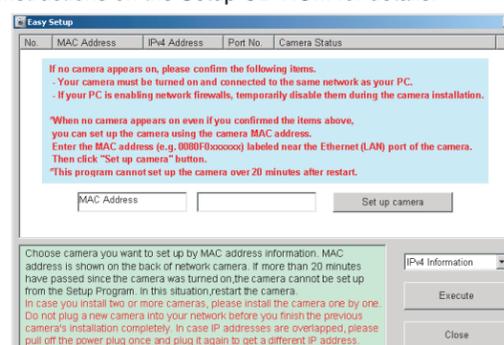
- This program searches for the cameras that are connected to the router and displays the MAC Addresses, IP addresses and Port Numbers.



- The MAC Address on the rear side (see page 9 of the Operating Instructions on the Setup CD-ROM.) of the camera shows which camera you select on the Camera List window.

Note

- If the indicator does not light green, check the connection. (see page 7 of the Operating Instructions on the Setup CD-ROM).
- If more than 20 minutes have passed since the camera was turned on, the camera cannot be set up from the Setup Program. In this situation, disconnect the AC cord from the outlet, and reconnect it again.
- The Setup Program may not list any cameras due to your firewall or antivirus software settings on your PC. If you cannot disable your firewall or antivirus software, you can set up the camera entering the camera MAC address on the following window. The camera's MAC address can be found on the label affixed to the back of each camera. See page 9 of the Operating Instructions on the Setup CD-ROM for details.

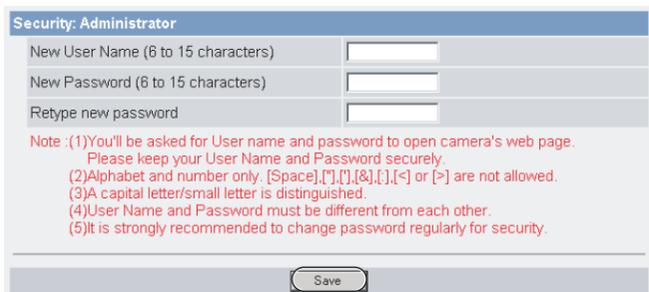


④ Click [Automatic Setup (Local Access Only)].



- For the first time installation or after pressing the FACTORY DEFAULT RESET button, only [Automatic Setup (Local Access Only)] can be selected. To set up the camera with Static or DHCP settings, after performing the [Automatic Setup (Local Access Only)], run the Setup Program again and select [Manual Setup].

⑤ Enter the user name and password, and click [Save].



Note

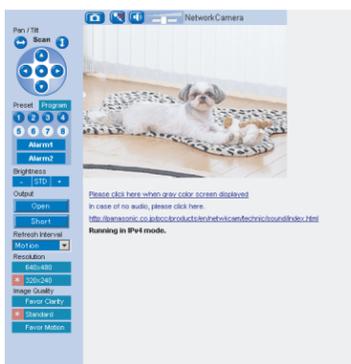
Make a note of the user name and password.

⑥ The Enter Network Password window is displayed. Enter the user name and password that were set, and click [OK].



⑦ When the Single Camera page is displayed, the setup is completed.

- If Security Warning window is displayed to install ActiveX® Controls, click [Yes].
- To install ActiveX Controls on Microsoft Windows XP Service Pack 2, see "Security Warning window on Microsoft Windows XP Service Pack 2".



- The image is a simulated screen image.

Note

To ensure that the most current image is displayed, Internet Explorer should be configured as follows. This will not have any negative result on normal use.

- While viewing any website, click [Tools] → [Internet Options].
- In the section "Temporary Internet Files", click [Settings] and check [Every visit to the page].

⑧ Click [Next] to set up the Internet access to the camera and go to step ② in the "To Set Up Internet Access to the Camera".

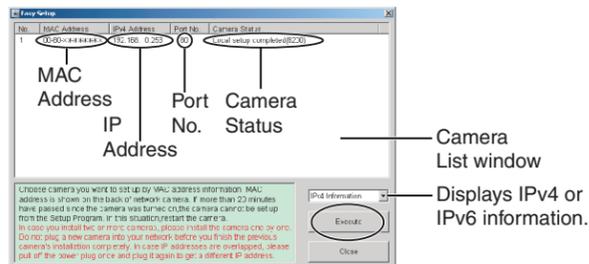


- Click [Cancel] and go to the last page, if you mount the camera.

To Set Up Internet Access to the Camera

① Select the camera on the camera list to set up the Internet access and click [Execute].

- This program searches for the cameras that are connected to the router and displays the MAC Addresses, IP addresses and Port Numbers.



- The MAC Address on the rear side (see page 9 of the Operating Instructions on the Setup CD-ROM.) of the camera shows which camera you select on the Camera List window.

Note

If more than 20 minutes have passed since the camera was turned on, the camera cannot be set up from the Setup Program. In this situation, restart the camera.

② Click [Automatic Setup (Internet Access)].



③ The Enter Network Password window is displayed. Enter the user name and password that were set, and click [OK].



④ When using a router supporting UPnP™, check [Enable]. When using a router not supporting UPnP™, check [Disable]. Then click [Next>].



- Check if your router supports UPnP™ referring to the router's manual.
- If you select [Disable], skip to step ⑧ on the next page.

Registration with the "Viewnetcam.com FREE DDNS service"

By registering with the Viewnetcam.com FREE DDNS service, you can create a personalized web address at which your camera's live video can always be found on the Internet. For detailed information, access "<http://www.viewnetcam.com>".

- ⑤ To register with the "Viewnetcam.com FREE DDNS service", check [Register with Viewnetcam.com] and click [Next>].



- When [Do not register with Viewnetcam.com] was selected at step ⑤, skip to step ⑧.

- ⑥ The Enter Network Password window is displayed. Enter the user name and password that were set, and click [OK].

- ⑦ After a while, the "Viewnetcam.com FREE DDNS service" website is displayed. Follow the displayed instructions for registration.

- If the message "Failed to configure the router's Port Forwarding by UPnP" is displayed, your router may not support UPnP™ or UPnP™ is not enabled. Enable your router's UPnP™ or set Port Forwarding manually following the router's manual and try Automatic Setup again. For more information about setting up a router, refer to the Panasonic Network Camera support website at <http://panasonic.co.jp/pcc/products/en/netwcam/>
- If the message "Failed to register with Viewnetcam.com." is displayed, confirm that the router is connected to the Internet.

- ⑧ When "Setup completed" is displayed, make a note of the URL in the blank below and click [To Single Camera page].

- When [Enable] was selected at step ④ in the "To Set Up Internet Access to the Camera".
- When [Disable] was selected at step ④ in the "To Set Up Internet Access to the Camera".



Note

- The port number must be specified at the end of camera URL.

For example

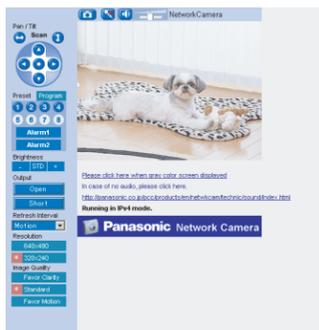
Using port 80: [http://\(Cameraname\).viewnetcam.com](http://(Cameraname).viewnetcam.com)
or <http://IP Address>

Using any other port: [http://\(Cameraname\).viewnetcam.com:Port Number](http://(Cameraname).viewnetcam.com:Port Number)
or <http://IP Address:Port Number>

- Make a note of the URL for the camera.
- The URL for the local network access may be different from the one set up on the previous page. Make a note of the URL here again.

- ⑨ When the Single Camera page is displayed, the setup is completed.

- If Security Warning window is displayed to install ActiveX Controls, click [Yes].
- To install ActiveX Controls on Microsoft Windows XP Service Pack 2, see "Security Warning window on Microsoft Windows XP Service Pack 2".



- The image is a simulated screen image.

Note

- The banner is displayed only when Internet access is allowed on the camera.
- To ensure that the most current image is displayed, Internet Explorer should be configured as follows. This will not have any negative result on normal use.
 - While viewing any website, click [Tools] → [Internet Options].
 - In the section "Temporary Internet Files", click [Settings] and check [Every visit to the page].

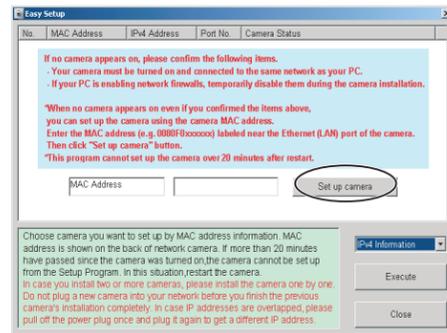
Setting up the Camera Using the MAC Address on the Setup Program

The Setup Program may not list any cameras due to your firewall or antivirus software settings on your PC. If you cannot disable your firewall or antivirus software, you can set up the camera using the camera MAC address as shown below.

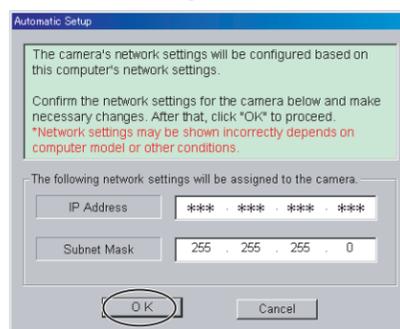
- ① Enter the camera MAC address in the data field, and click [Set up camera].

Note

The camera's MAC address can be found on the sticker affixed to the rear of the camera (see page 9 of the Operating Instructions on the Setup CD-ROM for details).

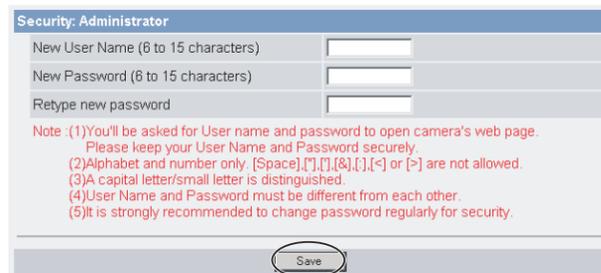


- ② After confirming the network settings, click [OK].



- After about a minute, the Security: Administrator page is displayed.

- ③ Enter the user name and password, and click [Save].



- ④ The Enter Network Password window is displayed. Enter the user name and password that were set, and click [OK].



- ⑤ When the Single Camera page is displayed, the setup is completed.

- If Security Warning window is displayed, click [Yes].
- See page 19 of the Operating Instructions on the Setup CD-ROM for Security Warning window when using Microsoft Windows XP Service Pack 2.



Note

- See page 17 of the Operating Instructions on the Setup CD-ROM for the Single Camera page.
- If you enable Internet access to the camera, follow the procedures below.

- When you are using a router supporting UPnP™

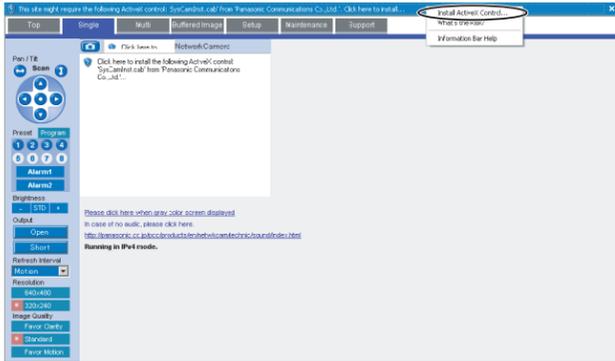
- Enable the Auto Port Forwarding feature on the UPnP™ page (see page 62 of the Operating Instructions on the Setup CD-ROM).
- Register with the DynamicDNS service on the DynamicDNS page (see page 65 of the Operating Instructions on the Setup CD-ROM).
- Confirm the Internet access to the camera (see page 13 of the Operating Instructions on the Setup CD-ROM). If you cannot access the camera, see page 9 of the Troubleshooting on the Setup CD-ROM.

- When you are using a router not supporting UPnP™
- Follow the procedures shown on page 64 of the Operating Instructions on the Setup CD-ROM.

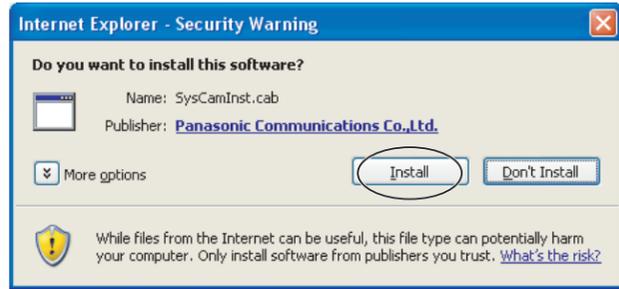
Security Warning window on Microsoft Windows XP Service Pack 2

To view a video (Motion JPEG) or to use audio feature, ActiveX Controls must be installed.
Follow the steps shown below to install ActiveX Controls.

① Click the warning displayed above the tabs, and click [Install ActiveX Control...].



② Click [Install].

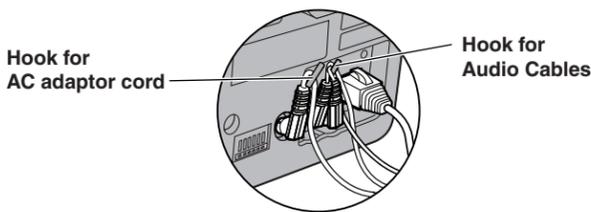


4. Mount the camera.

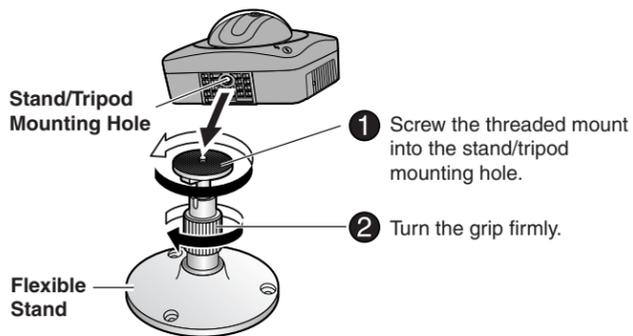
The camera can be mounted in the following ways.

Note

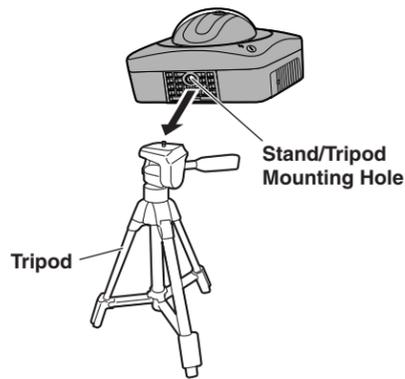
- Do not mount the camera where the sun light directly hits the camera or in the outdoor type housing without temperature control system. The camera may malfunction due to high temperature.
- When you mount the camera, always hook the power cord and audio cables to the hooks.



Stand Mount



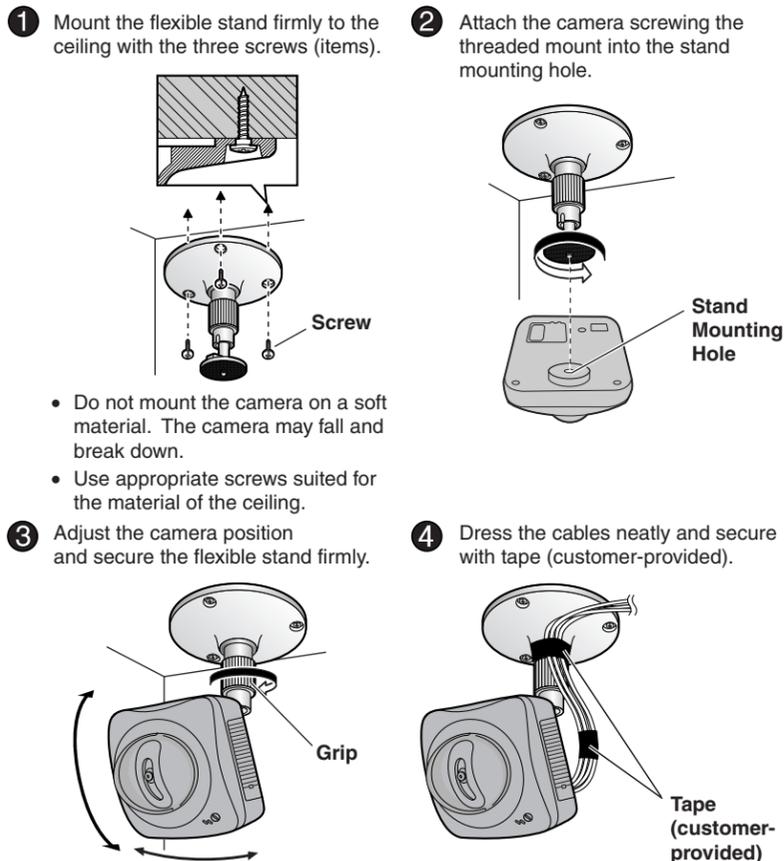
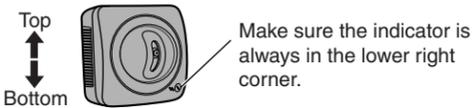
Tripod Mount



Ceiling Mount

Note

- Do not mount the camera upside down. The image may be displayed upside down.
- When mounting, we suggest using the hardware we provide. Mounting in any other manner may cause the camera to fall, causing personal injury or damage to the camera.
- To reduce the load on the mounting hardware, dress the cables neatly and secure with tape.



Wall Mount

Note

- Do not mount the camera upside down. The image may be displayed upside down.
- When mounting, we suggest using the hardware we provide. Mounting in any other manner may cause the camera to fall, causing personal injury or damage to the camera.
- To reduce the load on the mounting hardware, dress the cables neatly and secure with tape.

