



Installation

Network Camera

Model No. **KX-HCM110A**

IMPORTANT SAFETY INSTRUCTIONS

- When using this unit, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or personal injury.
1. Read and understand all instructions.
 2. Keep these instructions.
 3. Heed all warnings.
 4. Follow all instructions.
 5. After taking away the sand or the dust on the lens cover, wipe the lens cover with a dry cloth.
 6. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
 7. Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that produce heat.
 8. Protect the AC adaptor cord and AC cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the unit.
 9. 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.
 10. Only use attachments/accessories such as stand specified by the manufacturer.
 11. Do not touch the unit or the AC adaptor cord and AC cord during lightning storms.
 12. Unplug the unit when unused for long periods of time.
 13. Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way, such as when the AC adaptor, AC cord or plug is damaged, the unit does not operate normally, or after the unit has been dropped.
 14. The camera is intended for indoor use only. Prolonged exposure to direct sunlight or halogen light may damage CMOS sensor.
 15. Unplug this unit from power outlets if it emits smoke, an abnormal smell or makes unusual noise. These conditions can cause fire or electric shock. Confirm that smoke has stopped and contact an authorized service center.

SAVE THESE INSTRUCTIONS

Please read this manual before using and save this manual for future reference.
Panasonic Network Camera Website: <http://www.panasonic.com/netcam> for customers in the USA or Puerto Rico

How to Use This Documentation

- The camera includes the following 4 manual types.
- **Installation (This manual)**
This manual provides explanations for items included with the camera.
 - **Getting Started**
Getting Started provides explanations for the initial configuration and the ways of camera mount. The Getting Started helps you to easily configure the camera.
 - **Operating Instructions (Included on the Setup CD-ROM)**
Operating Instructions explains about operations, settings, features and the cleaning method when using the camera.
 - **Troubleshooting (Included on the Setup CD-ROM)**
Troubleshooting provides explanations for troubleshooting tips.

- Trademarks**
- Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
 - Pentium is a trademark or registered trademark of Intel Corporation or its subsidiaries in the United States and other countries.
 - All other trademarks identified herein are the property of their respective owners.
 - 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 Installation.

FCC and Other Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Environment:

Do not install the camera where the temperature is less than 0 °C (+32 °F) or greater than +40 °C (+104 °F). Allow 10 cm (4 inches) clearance around the unit for proper ventilation. Avoid excessive smoke, dust, mechanical vibration, shock, or direct sunlight.

Routine care:

Wipe the unit with a soft cloth. Do not use benzine, thinner, or any abrasive powder.
When you leave the unit unused for a long period of time, disconnect the AC adaptor cord from the outlet.

If you have any problems:

Consult an authorized Panasonic Factory Service Center.

CAUTION:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

No responsibility will be taken by our company with respect to consequences resulting from the use, damage or both of the camera.

Audio and Video Recording Notice:

PLEASE NOTE that under certain circumstances, audio/video recording may be PROHIBITED by law. This device should be used only in compliance with all applicable federal, state and local statutes.

System Requirements for your PC

Your PC (Personal Computer) and network must meet the following technical specifications for the camera to work properly.

For IPv4 Connection

| Item | Description |
|------------------|---|
| Operating System | Microsoft® Windows® XP, Microsoft® Windows® 2000 Microsoft® Windows® Me, Microsoft® Windows® 98SE |
| CPU | <ul style="list-style-type: none">For viewing single camera Pentium® III (800 MHz or greater is recommended.)For viewing multiple cameras Pentium 4 (1.8 GHz or greater is recommended.) |
| Protocol | TCP/IP protocol (HTTP, TCP, UDP, IP, DNS, ARP, ICMP) |
| Interface | 10/100 Mbps network card installed |
| Web Browser | Internet Explorer 6.0 or later (Not included on the Setup CD-ROM) |
| Audio | Audio input/output feature (Microphone or speaker) |

For IPv6 Connection

| Item | Description |
|------------------|--|
| Operating System | Microsoft® Windows® XP Service Pack 1 or later |
| CPU | <ul style="list-style-type: none">For viewing single camera Pentium III (800 MHz or greater is recommended.)For viewing multiple cameras Pentium 4 (1.8 GHz or greater is recommended.) |
| Protocol | TCP/IP protocol (HTTP, TCP, UDP, IP, DNS, ICMPv6, NDP) |
| Interface | 10/100 Mbps network card installed |
| Web Browser | Internet Explorer 6.0 or later (Not included on the Setup CD-ROM) |
| Audio | Audio input/output feature (Microphone or speaker) |

Note
See Panasonic Network Camera support website at <http://panasonic.co.jp/pcc/products/en/netwkcaml/> for details about network environment.

What is IPv6?

- IPv6 is short for "Internet Protocol Version 6".
- IPv6 was created to address the additional IP addresses that will be needed as the Internet continues to expand.
- IPv6 is expected to gradually replace IPv4, with the 2 coexisting for a number of years during a transition period.
- Though most ISPs (Internet Service Providers) do not yet support IPv6, many local networks already use it. When your ISP supports IPv6, your Panasonic Network Camera will be ready!
- For more information you wish to visit <http://www.ipv6.org/>.

Security Cautions

When using this product, take appropriate measures to avoid the following security breaches.

- Leaks of private information via this product
- Illegal use of this product by a third party
- Interference or suspension of the use of this product by a third party

Take the following measures to avoid security breaches:

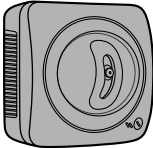
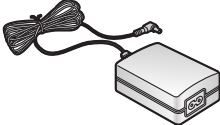
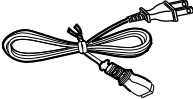
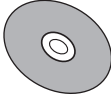


- To prevent illegal access, keep the update firmware (If you do not have the latest version of firmware, this can lead to blocked access or information leaks).
- You are responsible for the security settings, such as user name and password, to access this product. This information should not be made available to any third parties outside the user group.
- Mount the camera where the camera will not be stolen.
- You are responsible for this product's user information, such as videos, still images and internet contents etc. This information should not be made available to any third parties outside the user group.
- When sending this product to be repaired with a company not related to Panasonic, make back-up copies of files, if necessary, and reset this product to factory default.
- When transferring this product to another party, make back-up copies of files, if necessary, and reset this product to factory default.
- When disposing of this product, reset this product to factory default, or erase information by means of electrical deletion or physical dismantlement.

User Name and Password Protection

The use of a unique User Name and secret Password is an important tool that will help limit unauthorized individuals from accessing the camera. If you choose to disable this tool, and choose not to limit access by use of a User Name and Password, this may result in access to the camera by unauthorized individuals. (See page 80 of the Operating Instructions on the Setup CD-ROM)

Included Items

The following items are provided with the camera.
Additional pieces can be ordered by calling 1-800-332-5368.

| | |
|---|---|
| Main Unit 1 pc.  | AC Adaptor 1 pc. Order No.: PQLV202Y (Cord Length: About 3 m [9.84 feet])  |
| AC Cord 1 pc. Order No.: PSJA1069Z (Cord Length: About 1.8 m [5.91 feet])  | Setup CD-ROM 1 pc. Order No.: PSQX3637ZCD  |
| Flexible Stand 1 pc. Order No.: PSKL1020W  | Screws3 pcs. Order No.: PQHE5004Y  |
| Installation (This manual) 1 pc. Getting Started 1 pc. | |

The information in this document is subject to change without notice.

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For product service

- Panasonic Servicenters are listed in the servicenter directory.
- Call 1-800-272-7033 for the location of an authorized servicenter.
- This Network Camera is designed for use in the United States of America. Sale or use of this product in other countries/areas may violate local laws.

When you ship the product

- Carefully pack your unit, preferably in the original carton.
- Attach a letter, detailing the symptom, to the outside of the carton.

Symptom

- Send the unit to an authorized servicenter, prepaid and adequately insured.
- Do not send your unit to the Panasonic Consumer Electronics Company listed below or to executive or regional sales offices. These locations do not repair consumer products.