

Important Information  
Network Camera

Indoor Use Only

Model No. **BL-C20**

Please read this manual before using, and save this manual for future reference.

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.

Abbreviations

- "Network Camera" is called "camera" in this manual.
- "Setup CD-ROM" is called "CD-ROM" in this manual.

Obstacles during Wireless Connection

The radio wave range may decrease depending on the surrounding environment or existence of obstacles. If obstacles such as the following are placed between a camera and a router, radio waves will weaken. Therefore, even if the distance between the camera and router is short, the frame rate may decrease or images may not be displayed.

- A metallic door or shutter
- A wall with an insulation material that contains aluminum foil
- A wall made of tin
- A wall made of concrete, stone or brick
- Fireproof glass
- Several walls separated by open space
- A steel shelf

System Requirements for your PC

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

Item	Description
Operating System	Microsoft® Windows® XP (Home Edition, Professional), Microsoft® Windows® 2000, Microsoft® Windows® Me, Microsoft® Windows® 98SE
CPU	Pentium® III (500 MHz 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 CD-ROM)

Note

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

How to Use This Documentation

The Network Camera includes the following 4 manual types.

- **Important Information (This manual)**  
This manual has important information you will need to understand before installing.
- **Getting Started**  
Getting Started explains the initial configuration and mounting methods of the Network Camera, to help you to set up the Network Camera quickly and easily.
- **Operating Instructions (Included on the Setup CD-ROM)**  
Operating Instructions explains the operations, settings, features and maintenance of the Network Camera.
- **Troubleshooting (Included on the Setup CD-ROM)**  
Troubleshooting provides troubleshooting help.

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. To clean the camera lens, first remove any dust or dirt from the lens, then wipe the lens with a cotton bud.
6. Do not block any ventilation openings. Install in accordance with 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 from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the unit.
9. The AC adaptor is used as the main disconnect device. Ensure that the power outlet is located/installed near the equipment and is easily accessible.
10. Only use attachments/accessories (such as stands) specified by the manufacturer.
11. Do not touch the unit, AC adaptor, or AC adaptor 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 the AC adaptor is damaged, the unit does not operate normally, or has been dropped.
14. The camera is intended for indoor use only. Prolonged exposure to direct sunlight or halogen light may damage the CMOS sensor.
15. Please check local regulations as outdoor use of the wireless feature is restricted in some countries/areas.
16. 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

Environment:

Do not install the camera where the temperature is less than +5 °C or greater than +40 °C. Allow 10 cm 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 from the power outlet.

If you have any problems:

Consult an authorized service center.

CAUTION:

- This equipment must be installed and operated in accordance with provided instructions and a minimum 20 cm spacing must be provided between antenna and all person's body (excluding extremities of hands, wrist and feet) during wireless modes of operation.
- This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.
- **Medical**  
Consult the manufacturer of any personal medical devices, such as pacemakers, to determine if they are adequately shielded from external RF (radio frequency) energy. (The unit operates in the frequency range of 2.412 GHz to 2.472 GHz, and the power output level is 0.1 watts.) Do not use the unit in health care facilities if any regulations posted in the area instruct you not to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF (radio frequency) energy.
- 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.

Video Recording Notice:

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

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:

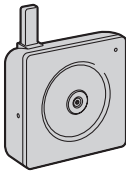
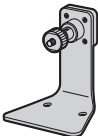
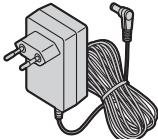
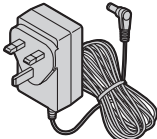

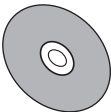
- To prevent illegal access, keep the firmware up-to-date.  
If you do not have the latest version of firmware, this can lead to blocked access or information leaks.
- You are responsible for the security settings, such as user name and password, to access this product. This information should not be 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, Internet content, 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 66 of the Operating Instructions on the CD-ROM.

Included Items

The following items are provided with the camera.

<b>Main Unit</b> . . . . . 1 pc. 	<b>Flexible Stand</b> . . . . . 1 pc. Order No.: PQKL10077Z1 
<b>AC Adaptor</b> . . . . . 1 pc. Order No.: PQLV206CEY (Cord Length: About 3 m) 	<b>AC Adaptor</b> . . . . . 1 pc. Order No.: PQLV206EY (Cord Length: About 3 m) 
For use in countries/areas other than the United Kingdom	For use in the United Kingdom
<b>Screws</b> . . . . . 2 pcs. Order No.: XTS35+20AFJ 	<b>Setup CD-ROM.</b> . . . . . 1 pc. Order No.: PQQX14970ZCD 
<b>Important Information (This manual)</b> . . . . .1 pc. <b>Getting Started</b> . . . . . 1 pc.	

For European Union (EU)

Panasonic Communications Co., Ltd., declares that this equipment is in compliance with the essential requirements and other relevant provisions of Radio & Telecommunications Terminal Equipment (R&TTE) Directive 1999/5/EC.  
Declarations of Conformity for the relevant Panasonic products described in this manual are available for download by visiting:  
<http://www.doc.panasonic.de>  
**Contact:**  
Panasonic Services Europe GmbH  
Panasonic Testing Centre  
Winsbergring 15, 22525 Hamburg, F.R. Germany  
CE0682 1999/5/EC  
**Important Safety Information:**  
Use only the included Panasonic AC adaptor (BL-C20CE: model no.PQLV206CE [Order no.PQLV206CEY], BL-C20E: model no.PQLV206E [Order no.PQLV206EY]).

English	This 2.4 GHz Wireless LAN equipment is intended for use in the following countries in the EU: the United Kingdom, Germany, Spain, France, Italy, Belgium, Denmark, Sweden, Finland, Netherlands, Switzerland, Greece, Norway, Austria, the Czech Republic, and Poland.
Finnish	Tämä 2,4 GHz:n langaton lähiverkkolaite on tarkoitettu käytettäväksi seuraavissa EU-maissa: Iso-Britannia, Saksa, Espanja, Ranska, Italia, Belgia, Tanska, Ruotsi, Suomi, Alankomaat, Sveitsi, Kreikka, Norja, Itävalta, Tsekin tasavalta ja Puola.
Dutch	Deze draadloze LAN-apparatuur (2,4 GHz) is bedoeld voor gebruik in de volgende EU-landen: Verenigd Koninkrijk, Duitsland, Spanje, Frankrijk, Italië, België, Denemarken, Zweden, Finland, Nederland, Zwitserland, Griekenland, Noorwegen, Oostenrijk, de Tjechische Republiek en Polen.
French	Cet équipement LAN sans fil de 2,4 GHz a été conçu pour être utilisé dans les pays suivants de l'Union Européenne: Royaume-Uni, Allemagne, Espagne, France, Italie, Belgique, Danemark, Suède, Finlande, Pays-Bas, Suisse, Grèce, Norvège, Autriche, la République Tchèque et la Pologne.
Swedish	Den här trådlösa LAN-utrustningen på 2,4 GHz är avsedd för användning i följande EU-länder: Storbritannien, Tyskland, Spanien, Frankrike, Italien, Belgien, Danmark, Sverige, Finland, Nederländerna, Schweiz, Grekland, Norge, Österrike, Tjeckien och Polen.
Danish	Dette 2,4 GHz trådløse LAN-udstyr er beregnet til brug i følgende EU-lande: Storbritannien, Tyskland, Spanien, Frankrig, Italien, Belgien, Danmark, Sverige, Finland, Holland, Schweiz, Grækenland, Norge, Østrig, Tjekkiet og Polen.

German	Dieses Zubehör für die Einrichtung eines 2,4-GHz-Wireless LAN ist für die Verwendung in folgenden EU-Ländern vorgesehen: Großbritannien (UK), Deutschland, Spanien, Frankreich, Italien, Belgien, Dänemark, Schweden, Finnland, Niederlande, Schweiz, Griechenland, Norwegen, Österreich, Tschechische Republik und Polen.
Italian	Questa apparecchiatura LAN wireless a 2,4 GHz è progettata per l'utilizzo nei seguenti paesi dell'Unione Europea: Regno Unito, Germania, Spagna, Francia, Italia, Belgio, Danimarca, Svezia, Finlandia, Paesi Bassi, Svizzera, Grecia, Norvegia, Austria, Repubblica Ceca e Polonia.
Spanish	Este equipo para redes inalámbricas de 2.4 GHz está diseñado para ser utilizado en los siguientes países de la UE: Reino Unido, Alemania, España, Francia, Italia, Bélgica, Dinamarca, Suecia, Finlandia, Holanda, Suiza, Grecia, Noruega, Austria, República Checa y Polonia.
Greek	Αυτή η ασύρματη δικτυακή συσκευή που λειτουργεί στη συχνότητα των 2.4 GHz προορίζεται για χρήση στις ακόλουθες χώρες της Ευρωπαϊκής Ένωσης: Ηνωμένο Βασίλειο, Γερμανία, Ισπανία, Γαλλία, Ιταλία, Βέλγιο, Δανία, Σουηδία, Φινλανδία, Ολλανδία, Ελλάδα, Ελλάδα, Νορβηγία, Αυστρία, Τσεχία και Πολωνία.
Polish	To urządzenie bezprzewodowe 2.4 GHz LAN może być używane w następujących krajach Unii Europejskiej: Wielka Brytania, Niemcy, Hiszpania, Francja, Włochy, Belgia, Dania, Szwecja, Finlandia, Holandia, Szwajcaria, Grecja, Norwegia, Austria, Czechy oraz Polska.

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