IBM ThinkPad®
UltraPort™ Camera II

User's Reference Guide

OPTIONS
by IBM

Note: Before using this information and the product it supports, be sure to read the information under Appendix B, “Warranty statements” on page 2-2.

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Part 1. About the UltraPort Camera II

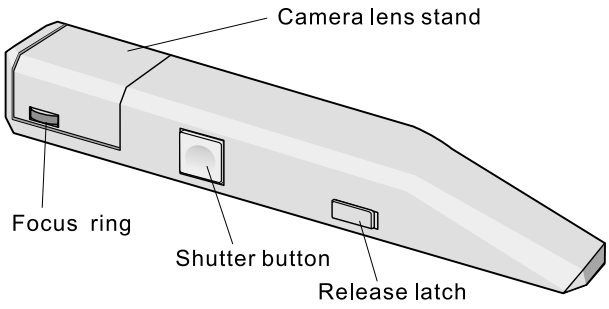
The UltraPort Camera II (hereafter called *USB camera* in this manual) is a digital video camera, also known as a PC Camera or a Web Camera. The USB camera is fast becoming a must-have communications tool.

The USB camera is "Plug & Play" compatible, which makes installation simple.

If you are using Microsoft® Windows® 98, Windows 2000, or Windows Millennium Edition (Me), the USB camera is configured automatically when you connect it to your ThinkPad computer. (See "Setting up the USB camera" on page 1-4 for details.)

With the Odyssey Multimedia Gallery application software supplied on the Camera Software CD-ROM, you can spice up your communication with live video, video clips, and photos. You can edit and enhance your photos, talk to your friends face-to-face with a video conference call, record and send video clips to them, capture and edit video clips, and set up a personal video security surveillance system.

The following figure identifies the hardware features of the camera.



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Required hardware

To use the USB camera, your ThinkPad computer must have the following:

Minimum processor: Intel® Pentium® 233 MMX™ or above

RAM: At least 64 MB

Disk space: At least 35 MB

Ports:

- UltraPort on the top of the LCD panel, for direct connection of the USB camera (IBM computers only)
  – Or –
- Universal Serial Bus (USB) port for the cable attachment unit

A CD-ROM drive or a DVD drive

One of the following operating systems:

- Windows 98
- Windows 2000
- Windows Millennium Edition (Me)

A microphone and speakers are optional.

Version of Windows

To check which version of Windows you are using, do the following:

1. Click **Start**, **Settings**, and **Control Panel**.
2. Click **System**.

Read the numbers under **System**.

Windows 98 Windows 98 4.10.1998

Windows 98 Second Edition Windows 98 Second Edition 4.10.2222 A

Required software

The following programs for using the USB camera are provided on the Camera Software CD-ROM that comes with it.

TWAIN camera driver:
The program that captures the images.

Odyssey Multimedia Gallery:
You can use this program to edit a captured image. It includes the following:

- **Odyssey Multimedia Gallery Launcher** for quick access to the five subprograms in Odyssey
- **Odyssey Watchdog**, a security application
- **Odyssey VideoPhone**, a video conference application with a link to the Odyssey V-Mail program
- **Odyssey V-Mail**, a video e-mail application
- **Odyssey HiScale® Photo**, a photo album application that includes basic image-editing functions
- **Odyssey Video Editor**

Visionics FaceIt
A face recognition application to help keep your personal desktop secure.

Setting up the USB camera

The CD-ROM provided with the USB camera contains everything you will need to set it up and use it:

- Software programs:
  - Odyssey Multimedia Gallery
  - IBM UltraPort II camera driver
  - Visionics Facelt
- A setup wizard that makes the programs easy to install
- A user's guide that provides the following:
  - Procedures for setting up the USB camera
  - Procedures for operating the application software
  - Troubleshooting information

  For instruction on getting access to the user's guide, see the next section.

To use the USB camera, do the following:

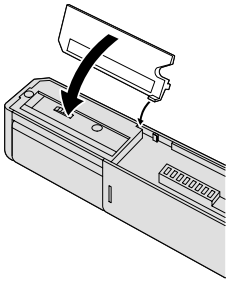
1 Install IBM UltraPort II camera driver and Odyssey Multimedia Gallery.

2 Adjust the LCD setting (if necessary).

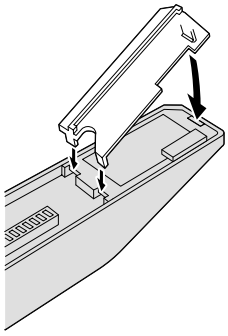
3 Connect the USB camera to your ThinkPad computer.

If you are using ThinkPad X2*x* model, you need to attach the spacers before connecting the USB camera to your computer. Do the following:

1 Peel the tape off the left spacer and attach it to the bottom left of the camera. Match the spacer to the slot of the camera firmly.



2 Attach the right spacer to the bottom right of the camera. Match the spacer to the slots of the camera firmly.



Note: For how to connect the USB camera to your computer, refer to the online information provided with your computer.

How to open the software online user's guide

To see the User's Guide, you need to install Adobe Acrobat Reader.

1 Insert the Camera Software CD-ROM. If you already have Adobe Acrobat Reader, go to step 3.

2 If you do not already have Adobe Acrobat Reader, install it as follows:

a) Click **Start** and **Run...**

b) Type `x:\ACROBAT\cc`
where `x` is the drive letter of the CD-ROM or DVD drive, and `cc` is the language code—one of the following:

Brazilian Portuguese:	BP
Chinese, Simplified:	CH
Chinese, Traditional:	TC
English:	US
French:	FR
German:	DE
Italian:	IT
Japanese:	JP
Spanish:	SP

c) Double-click **xxxxx.EXE**, where `xxxxx` is the file name in the directory—one of the following:

BR (Brazilian Portuguese):	BRAR405.exe
CH (Chinese, Simplified):	SCAR40.exe
TC (Chinese, Traditional):	TCAR405.exe
DE (German):	GRAR405.exe
FR (French):	FRAR405.exe
IT (Italian):	ITAR40.exe
JP (Japanese):	JPAR405.exe
SP (Spanish):	SPAR405.exe
US (English):	USAR405.exe

d) Follow the instructions on the screen. You have finished installing Adobe Acrobat Reader. Go to the next step to open the User's Guide.

3 Open Adobe Acrobat Reader by clicking its icon.

4 In the main window of Adobe Acrobat Reader, click **File** and **Open**.

5 Specify `x:\MANUALS\cc`
where `x` is the drive letter of the CD-ROM or DVD drive, and `cc` is the language code—one of the following:

English:	US
French:	FR
Italian:	IT
Spanish:	SP
German:	DE
Brazilian Portuguese:	BP
Japanese:	JP
Chinese, Simplified:	CH
Chinese, Traditional:	TC

6 Select **User's Guide.PDF**, and click **Open**.