

Video to USB Adapter

Operation Manual

■ Features:

1. Convert analog composite/S-video into compressed JPEG or original (YUV422) digital video, and show it on PC monitor through USB interface.
2. Input video system can be NTSC or PAL.
3. Adjustable on brightness, contrast, tint, color of video source.
4. Record the video source to an Audio-Video-Interleaved (.AVI) file and save it on hard disk.
5. Press snapshot button to execute application software immediately.
6. No power adapter required.
7. Slim and lightweight, easy to remove and carry.

■ Applications:

1. Displaying, storing and transferring live video into and between computers.
2. Allows to open a sizable window on the screen with live video played out from VCD, DVD, and other video sources.
3. Ideal for use in CCTV system, education, A/V entertainment.

■ Specifications:

● USB Interface:

1. Fully compliant with USB Specification Revision 1.1.
2. Support for full speed devices with maximum 12 Mbit/Sec. USB bandwidth.
3. Use no more than 8 Mbit/Sec. USB bandwidth to prevent saturation of the USB bus.

● Input signal:

NTSC / PAL composite video or S(Y/C) video at 1 Vp-p
75 ohm.

● Output signal:

1. JPEG Compression digital video.
2. YUV422 digital video.
3. 176 x 144, 352 x 288, 320 x 240, or VGA 640 x 480 resolutions.
4. Audio-Video-Interleaved (.AVI) file recording.

● Dimensions: 65(W) x 102(D) x 26(H) mm.

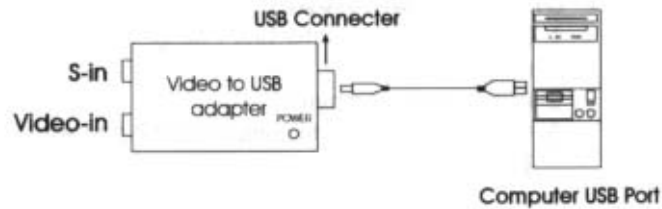
● Weight: 70gs.

■ Specifications:

● Accessory:

1. USB cable x 1 (length: 1.5m).
2. Installation Disk x 1 (device driver & application software included).

Note: Preview readme.doc on the installation disk before installing the driver and application software.



■ Installation

▶ Computer System Requirements:

1. Windows 98 Second Edition / Windows ME operation system.
2. Pentium II - 300MHz.
3. VGA 4MB RAM display card.
4. 32MB DRAM memory.
5. Universal Serial Port (USB).
6. Sound Card (Optional).
7. CVP-2000 Video to USB Adapter.

▶ Driver Install steps:

1. Power off the computer first with no CVP-2000 connection.
2. Power on the computer.
3. Connect CVP-2000 to computer USB port with USB cable.

■ Installation

► Driver Install steps:

4. Once connect CVP-2000 completely, system finds the new hardware.

And requires to install device driver.

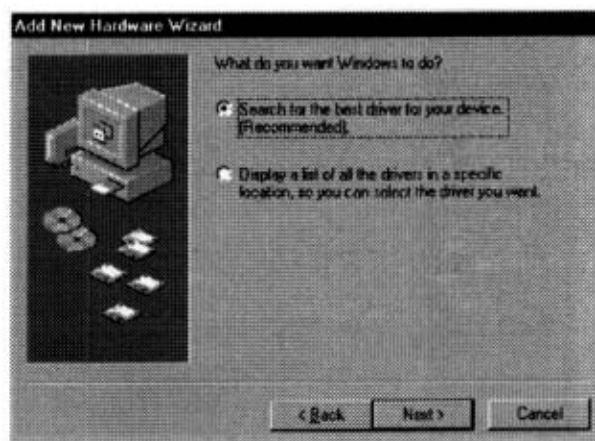
Click [Next] button:



■ Installation

► Driver Install steps:

5. Select [Search for the best driver for your device].
Click [Next] button:



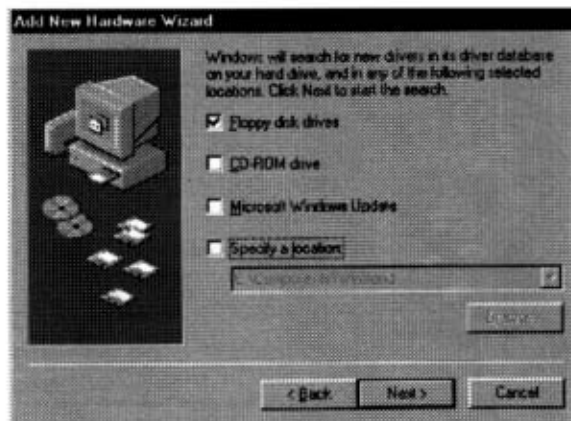
■ Installation

▶ Driver Install steps:

6. Select [Floppy disk drivers]:

Insert **Device Driver Installation Disk** to floppy disk drive.

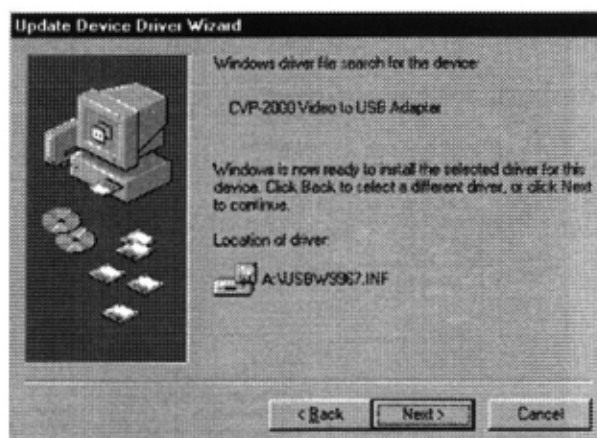
Click [Next] button:



■ Installation

► Driver Install steps:

7. Click [Next] button:

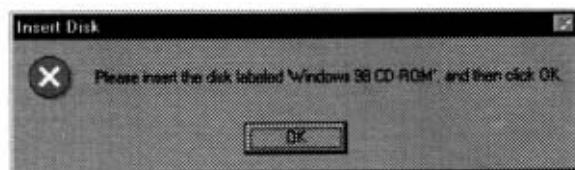


■ Installation

▶ Driver Install steps:

8. Please insert "Windows 98 Installation Compact-Disk" to CD-ROM.

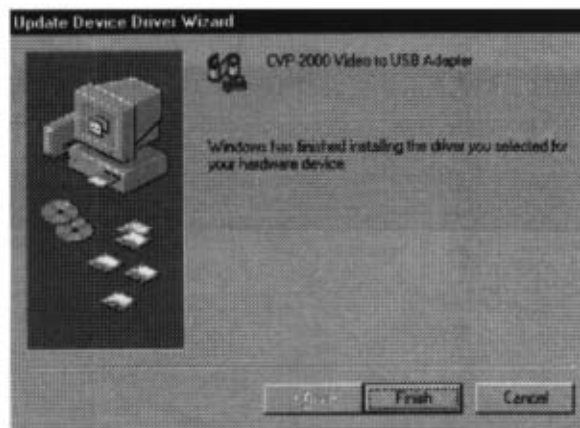
Click [OK] button:



■ Installation

► Driver Install steps:

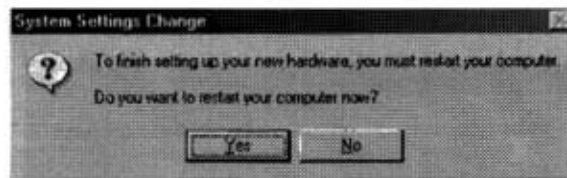
9. Click [Finish] button to finish CVP-2000 driver installation:



■ Installation

▶ Driver Install steps:

10. Extract floppy disk and click [Yes] button to restart your computer:



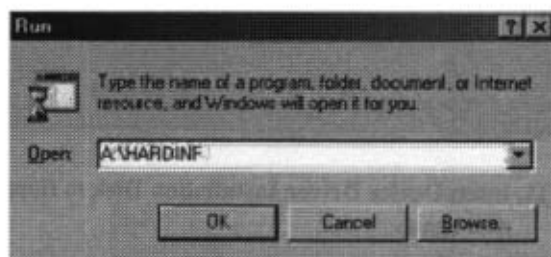
11. Insert **Device Driver Installation Disk** to floppy disk again.

■ Installation

▶ Driver Install steps:

12. Click [Start] -> [Run]:

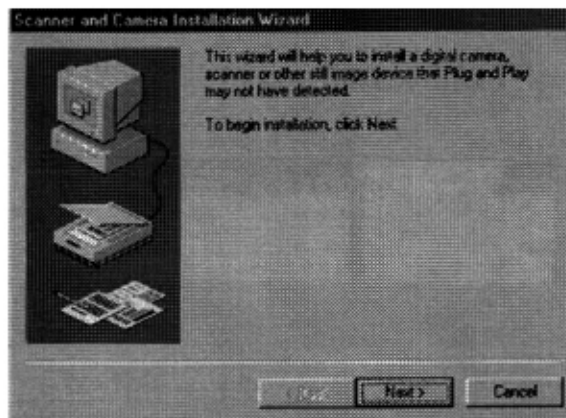
Type "A:\HARDINF" in [Run] dialogbox and
Click [OK] button:



■ Installation

▶ Driver Install steps:

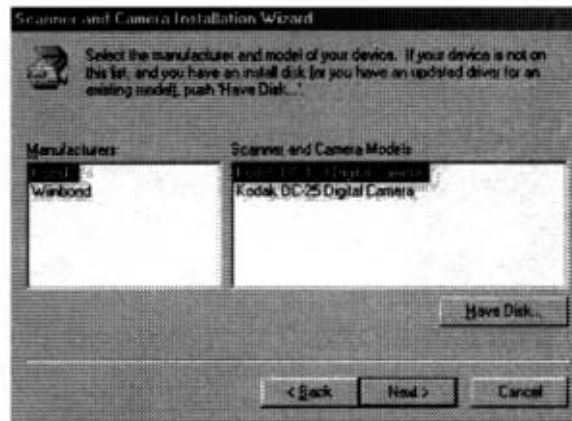
13. Click [Next] button:



■ Installation

► Driver Install steps:

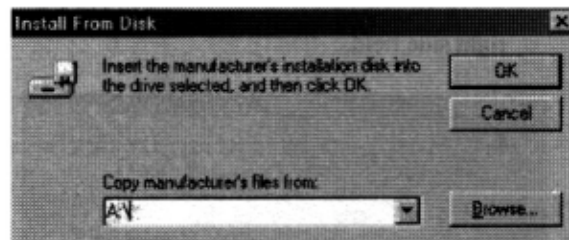
14. Click [Have Disk...]. Install from floppy disk:



■ Installation

▶ Driver Install steps:

15. Choose "A:\\" floppy disk drive:

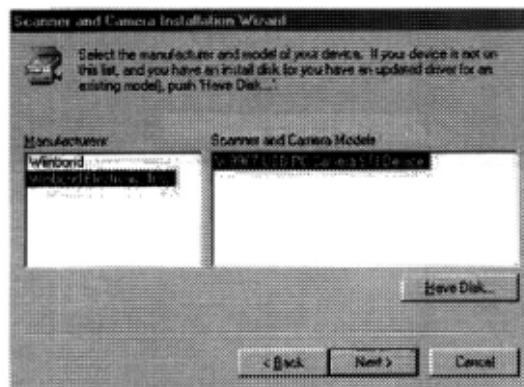


■ Installation

▶ Driver Install steps:

16. Click “Winbond Electronic, Inc.” on left side field.

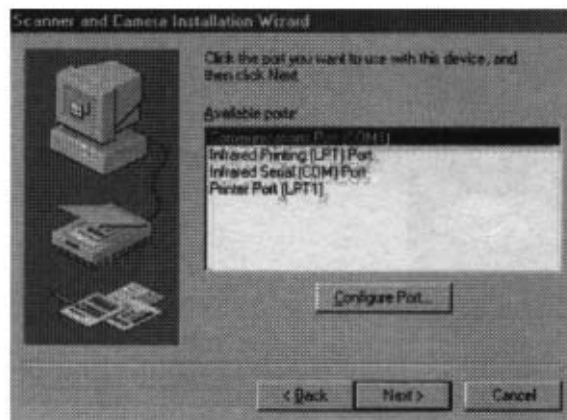
Click “W9967 USB PC Camera STI Device.” on right side field.



■ Installation

► Driver Install steps:

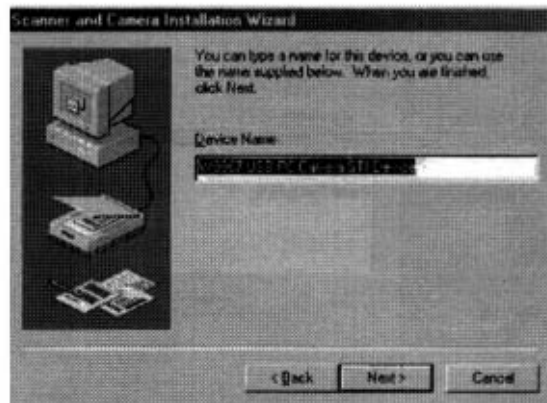
17. Click [Next] button:



■ Installation

▶ Driver Install steps:

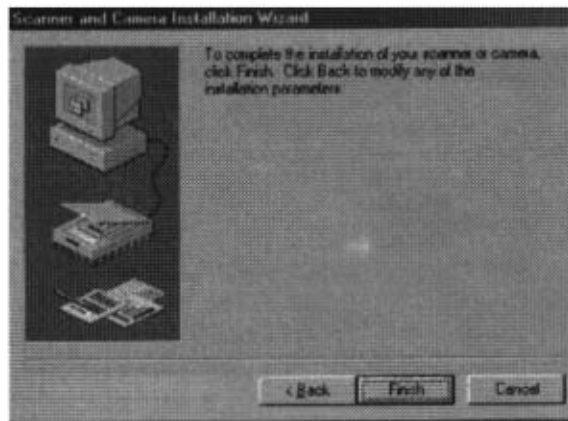
18. Click [Next] button:



■ Installation

► Driver Install steps:

19. Click [Finish] button:

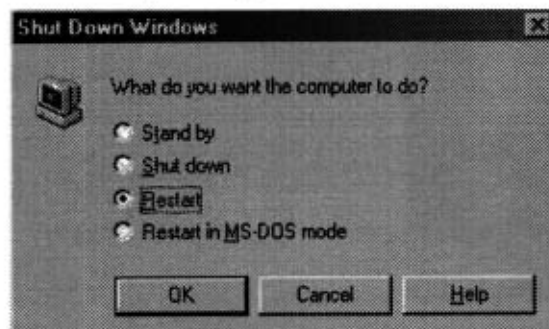


■ Installation

▶ Driver Install steps:

20. Extract floppy disk:

Click [Start] -> [Shut Down] -> [Restart] to restart your computer.



■ Installation

▶ “USBCap” Installation:

0. Please install “CVP-2000 Driver” from “Video to USB Adapter Device Driver Installation Disk” first.
1. Click menu [START] -> [RUN] from Microsoft Windows 98.
2. Type “a:\Install.bat” in [RUN] dialog box and click [OK] button.
3. Follow the onscreen instructions to complete installation until “Setup was completed successfully” appears on screen.
4. You will be requested to extract or insert Disk #1, Disk #2 and Disk #3 while running the program.
5. The **USBCap** icon will appear on your desktop screen and [Start] -> [Programs] after installation.

--- Caution ---

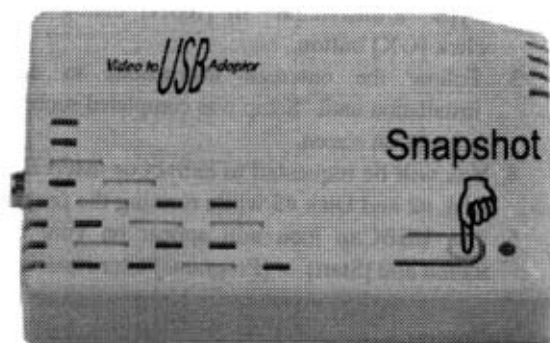
If some of Windows98 files are not updated, you will be requested to restart the computer to update during program installation. Please extract the installation disk, restart the computer and follow the step-by-step installation guide on re-installation.

■ “USBCap” Operation

▶ Start the “USBCap”:

Press the CVP-2000 snapshot button to start USBCap automatically.

Or click “USBCap” icon on desktop

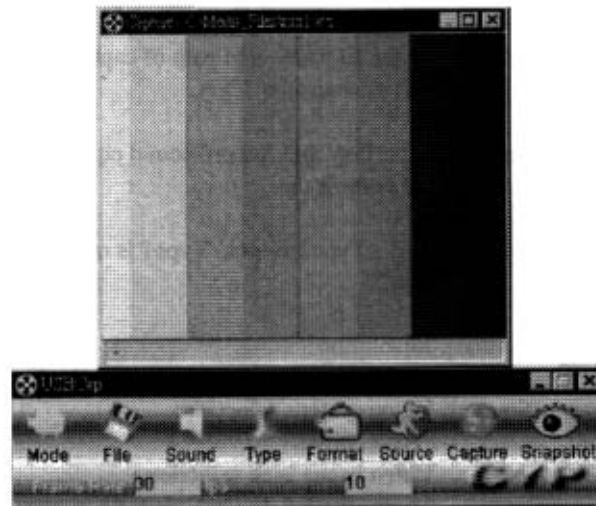


▶ Function setting and operation:

The functions distribute to “Capture Mode” and “Playback Mode” operation.

■ “USBCap” Operation

▶ “Capture Mode” operation:
Capture Window



Capture Mode Control Panel

■ “USBCap” Operation

▶ “Capture Mode” operation:



[Mode]: Capture Mode / Playback Mode switch.



[File]: Setup the filename and path of capture file (.AVI) or snap file(.JPG).



[Sound]: Setup Play and Record sound equipment and volume.



[Type]: Type1 / Type2 switch. Type1 is more fluent.



[Format]: Resolution setting.



[Source]: **Video system selection:**

PAL / NTSC.

Video input jack selection:

Composite(RCA) / S-Video(Y/C).

Video function adjustment:

Brightness / Contrast / Hue / Saturation.

■ “USBCap” Operation

▶ “Capture Mode” operation:



[Capture]: Capture video and make video file (.AVI).



[Stop]: Stop capturing.



[SNAP]: Grab picture and make picture file (.JPG).

[Frame Rate]: Capture frame rate setting (Frame Per Second).

[Time Limit]: Capture length setting.



: Show the information about CYPRESS and USBCap.



[Terminate]: Terminate USBCap.

■ “USBCap” Operation

▶ “Playback Mode” operation:

Playback Window



Playback Mode Control Panel

■ “USBCap” Operation

▶ “Playback Mode” operation:



[Mode]: Playback Mode / Capture Mode switch.



[File]: Open video file (.AVI) or setup snap file (JPG).



[Sound]: Setup Play and Record sound equipment and volume.



[Play]: play.



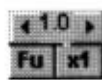
[Pause]: pause.



[Stop]: stop.

■ “USBCap” Operation

▶ “Playback Mode” operation:



[Zoom]: zoom up image size (1x ~ 3x).

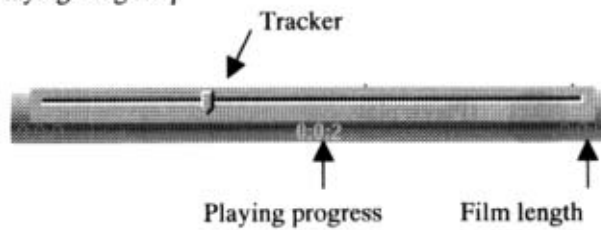
[Fu]: Full Screen.

[x1]: original size.



[Snap]: Grab picture and make picture file (.JPG).

[Playing Progress]:



[Hide]: Hide the control panel. Click mouse right-button on image and show the panel again.



[Terminate]: Terminate USBCap.