

EUT:USB CAMERA

FCC ID:H52PT-6007

PURETEK INDUSTRIAL CO., LTD.

USER'S MANUAL

FEDERAL COMMUNICATIONS COMMISSION

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.

NOTE

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. 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.

Shielded interface cables must be used in order to comply with emission limits.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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Introduction

USB Camera is a plug and play video capture device. With the latest USB interface, it is easy to install and comfortable for using. Product features: (1) AWB (2) Auto Electronic Exposure (3) Auto Gain Compensation. Those features will auto adjust, auto amend the hue and light of the picture, to make the picture closely to nature.

Package Checklist

The package contains the following items:

- USB camera
- User's manual
- Installation CD

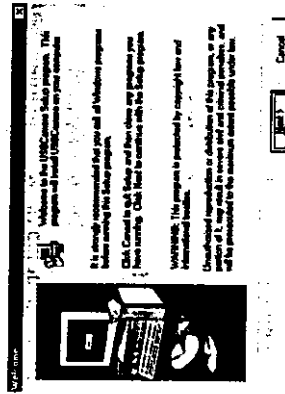
If any of these items are missing or damaged, please contact your dealer or sales representative for assistance.

System Requirements

- Pentium Processor 166MHz or higher
- At least 10MB free HDD space
- 16MB of memory
- Microsoft Windows 98
- VGA card requirement, 167000 colors or above

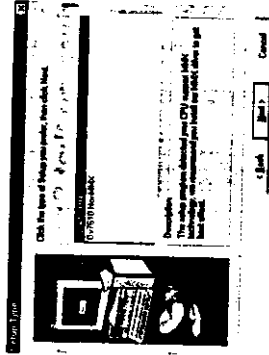
How to install USB Camera to your computer ?

1. Activate the Setup.exe program in the CD-ROM, the following dialog box will appear, press Next.

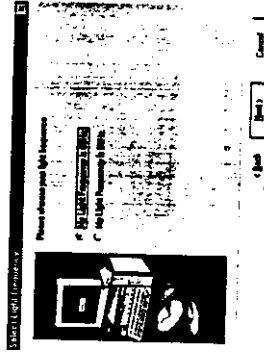


2. Please read the Software License agreement, then press Yes.

3. Before click Next, please select the CPU type (MMX or Non MMX), press Next.

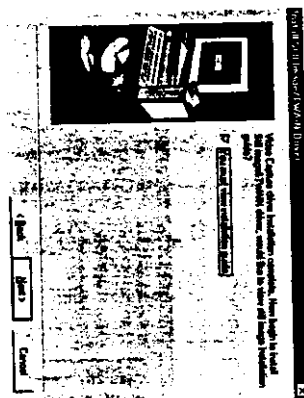


4. Press Next.
5. Select the frequency of your daylight source, then press Next.

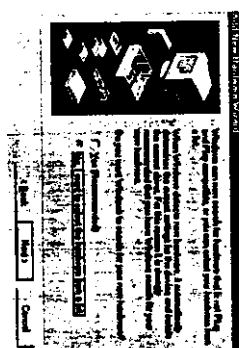


After the setting of USB Camera, you have to install TWAIN driver, so that Snapshot function will be enabled.

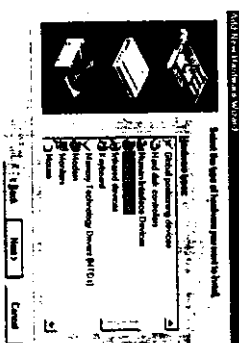
1. Press Next, after that keep going to install TWAIN driver.



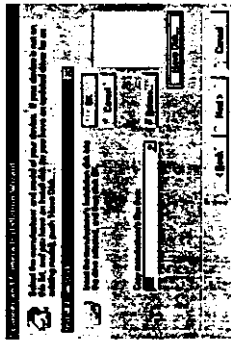
2. Select (No. 1) want to select the hardware from a list, press Next.



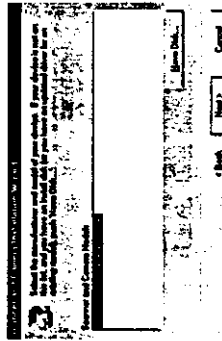
3. Choose Imaging Device, press Next.



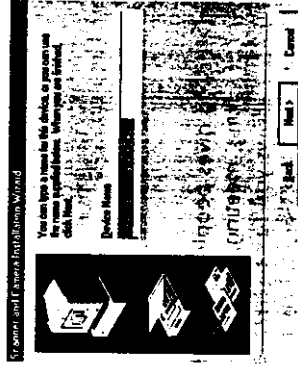
4. Press Next to begin the installation .
5. The following dialog box will appear asking you to specify the location of driver . The driver is located under the c:\image directory.



6. Press Next .



7. Press Next .
8. You can rename the device or use the default, press Next .



9. A finish dialog box appear, press Finish.
10. After restarting your computer, you can attach the USB Camera connector to your computer . The installation is complete .

Application of Software

There are two application software included in Win98

1. Imaging :

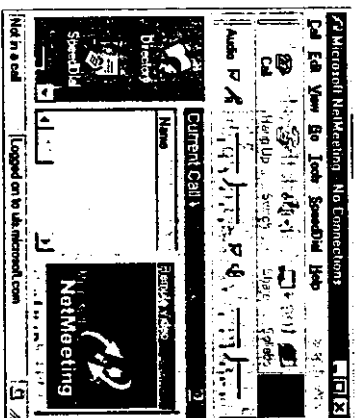
Snapshot function, capture and edit picture can be found in the program files icon.

2. NetMeeting :

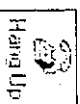
Microsoft NetMeeting gives people around the world a whole new way of talking, meeting, working and sharing over the Internet. It allows you to call anyone using the Internet or intranet, talk to that person, see the person, use the Whiteboard to sketch in an online meeting and a lot more. There is a detail explanation of NetMeeting in the following chapter.

Those (1), (2) can be compatible with USB Camera.

Navigating in NetMeeting



On the toolbar, click this icon to display the New Call dialog box. Specify the e-mail name, computer name,... of the person you would like to call.



At the end of a call, click the Hang Up icon.

Click the Stop Placing Call icon to discontinue a call before you connect.



On the toolbar, click the Refresh button to display all the people in the selected category who are currently logged on to the directory server.



Click to display the Add SpeedDial dialog box. Fill in the SpeedDial information and save in your SpeedDial list.

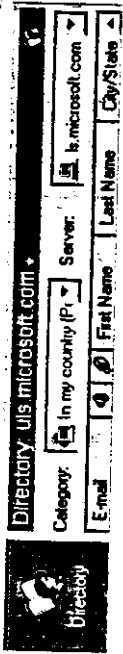


Use this button to send mail.



Microphone - On the Audio toolbar, drag the microphone slider to adjust your microphone volume.

Speaker - On the Audio toolbar, drag the speaker slider to adjust your speaker volume.



Category - The Category option in the Directory allows you to specify your category, e.g. Personal, Business, All.

Server - In the Directory, click a different server in the Server list.

Allows you to display the SpeedDial list. In the SpeedDial list double-click the name of the person you want to call.



Click the Current Call icon to view the list of contacts you want to have available for quick calling.



Allows you to view the names of your callers, your responses to calls (accepted or ignored), and the time each call was received. Call a person in the History list by double-clicking the person's name.



Using NetMeeting

Accepting a Call

When someone calls you, a dialog box appears near the taskbar. Click the Accept button to accept the call. To reject the incoming call, click the Ignore button.

If you wish to stay logged on to the directory server but not be available for calls, pull down the Call menu and click the Do Not Disturb option.

Hosting a Meeting

At the agreed meeting time, click the Call menu, then select the Host Meeting option.

Shared Applications

If you wish to share an application with someone, when you are in a call, start the application you want to share. On the NetMeeting toolbar, click the Share button, then the name of the application. Other people joining the meeting can see your application but cannot work in it.

To allow others to work in your shared application, click Collaborate on the NetMeeting toolbar.

Whiteboard

Everybody who wants to work in your application must also click Collaborate. Each participant can take control of the application at a time by clicking in the window of the shared application.

This option allows the online meeting participants to type and draw simultaneously and see results.

Chat

The Chat option enables you to send typed messages. If you wish to start Chat, click the Chat button while in Current Call. All participants of the current meeting can now view and use Chat.

File Transfer

To send a file to everyone in the meeting, select the File Transfer option from the Tools menu and then click Send File.

In Windows 95, to determine your computer's IP address, click the Start button, then click Run. In the Open box type **winipcfg**. Click OK and the IP Configuration dialog box containing your IP Address will be displayed.

NetMeeting - Answers to Frequently Asked Questions

- To preview your video image, select Detach My Video from the View menu.
- If you have already installed Microsoft NetMeeting Beta Version, make sure you uninstall it before installing NetMeeting 2.1.
- To make adjustments in the Video Source dialog box (brightness, saturation, etc.), you must display video in the My Video window first.
- Since the software is using the TCP/IP protocol, when having a meeting, it is only possible to establish video/audio contact with one person.
- If you experience poor sound audio while using full-duplex sound, you may want to disable it.
 1. Click Options on the Tools menu to display the Options dialog box.
 2. On the Audio tab, clear the Enable full duplex audio so I can speak while receiving audio check box. Your computer will now be using half-duplex sound.

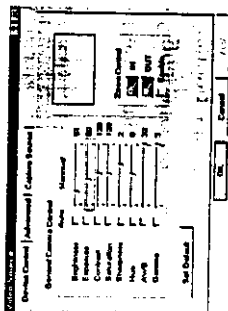
Adjustment of Video Quality

The following features will let you adjust the video conference quality.

Video Source:

Please refer to the Page 14, NetMeeting FAQ for how to get into video source setting.

1. General Camera Control

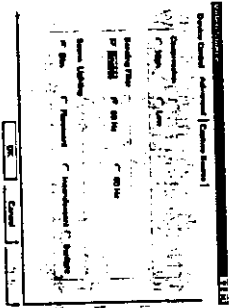


This option allow you to adjust Brightness, Exposure, Contrast, Saturation, Sharpness, Hue, Awb, Gamma.

Zoom Control -- When Enable is ticked, the picture can be preview and zoomed.

Set Default -- The default setting for camera control.

2. Advanced



Compression -- Data compressing.

Banding Filter -- Signal filtering.

Scene Lighting -- lighting adjustment.



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FCC ID:H52PT-6007

Re: About the modification of USB CAMERA

Gentlemen:

I, hereby, declare that all modification on the E.U.T.,
FCC ID: H52PT-6007, will be added or layout on the mass production
products. Modifications are shown as below:

1. A ferrite core is added on the USB cable at PC end.
(As the photo No.2)
2. A ferrite core is added on the data cable near main board .
(As the photo No.4)



Sincerely yours

Yu-Hong Lee

Yu-Hong Lee

R&D Manager