ViewCam *Pro*

PC Camera with Built-in Microphone

User's Guide

Model: PK-335

www.a4tech.com

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Introduction

Welcome to the World of Digital Imaging.
The following information will guide you to install and use the PC Camera to its full capabilities.

System's requirements

- Personal Computer, Laptop, Desktop, or IBM Compatible Computer with Pentium 166MHz minimum, and with an active USB (universal serial bus) port.
- Windows 98/ME/2000/XP, CD-ROM drive, color monitor, mouse and keyboard. For videoconference, Internet connection must be equipped. Sound card with standard microphone input port.

Package includes

PC Camera (With USB cable and Mic. Jack)	CD Installation Disc

I. USB PC Camera

5-Layer Glass Lens   **Microphone**

II. Specification

Image Sensor:	1/4 ″ CMOS, 640×480pixels
Frame Rate:	30fps@640x480, @600x800, @320x240, @160x120
Lens:	F=2.0, f=3.6mm
View Angle:	72 degree
Focus Range:	Automatic focus, 10cm to infinity
Exposure Control:	Automatic
White Balance:	Automatic
Still Image Capture Res.:	600x800, 640X480, 352x288, 320x240, 160x120
Microphone	Built in Microphone
Flicker Control:	50Hz, 60Hz and None
Computer Port	USB port and Audio port

Ⅲ. Installing camera's driver

Driver's Installation Instruction for <u>Windows 98/ME/2000/XP</u>

NOTE: Please Uninstall All Previous Installed WEBCAM BEFORE Installing A4 TECH ViewCAM. DO NOT CONNECT A4 TECH ViewCAM TO THE COMPUTER UNTIL ITS DRIVER IS INSTALLED!
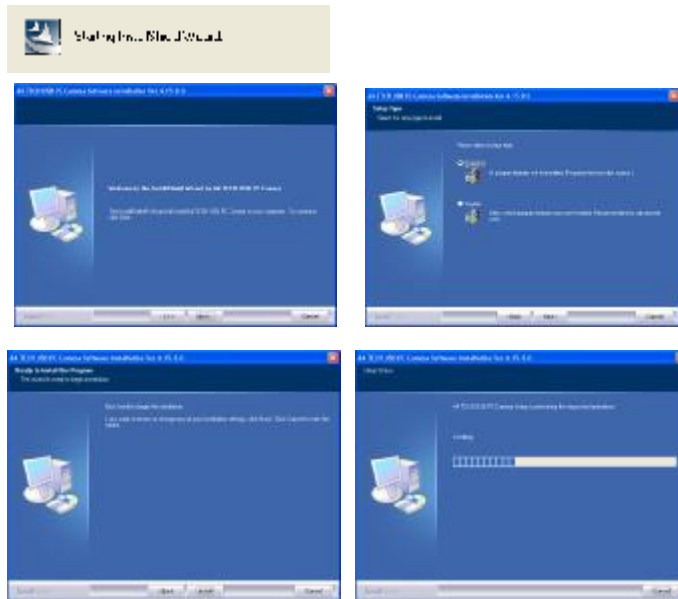
1. Insert the included CD into the CD-ROM: The Autorun Menu Window will popup, move the mouse cursor to and click on "Install viewCAM".

2. Please select your **ViewCAM** model and click on the product image to install (As the right image). Then dialogue box will appear on the computer screen as below:

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3. Follow the on screen instruction to complete the installation process

4 When the Installation Process is completed, restart the Computer.

6 Click "Finish" to complete installation.   Now, the shortcut Amcap image will appear on the computer desktop

7. Plug the PC Camera's USB cable to the computer's USB Port, and restart your computer.

Amcap Usage

After installation of **ViewCAM** driver, you can pre-view image and set the adjustments for the properties sheet through the included image application software.

Image-preview

Click on the icon on the desktop and the Amcap image application will pop-up.

Or click on "start", select "Program", then select "A4TECH USB PC Camera", and select "Amcap" to open the Amcap application. (you may follow the image on the right)

if Amcap image fails to appear，please go to "Options" and select "Preview" (Refer to the diagram below)

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Device description

Go to "Devices" and select "A4 Tech USB PC Camera".

(Refer to below diagram)

Properties page configuration

Go to "Options", then select "Video Capture Filter…"

(Refer to below diagram）

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The Properties configuration page as below wills pop-up:

Most settings can be adjusted here.

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Ⅳ. Checking connection of your camera

- Plug the USB cable to the computer's USB Port.
- Restart your computer when Installation is completed.
- Double click "**My Compute**r" icon->**Control Panel**->**System**->**Device Manager** ->**Imaging Device**; if you see "**A4 Tech USB PC Camera**", then your camera is now installed.

> For Windows 2000 /XP:
>
> Double click "**My Computer**" icon->**Control Panel**->**System**->**Hardware**->**Device Manager**->**Imaging Device**; if you see "**A4 Tech USB PC Camera**", then your camera is installed.

V .Uninstalling Driver

1. Click "Start" from the task bar and choose "Programs".
2. Select "A4 Tech USB PC Camera "->"Uninstall" and follow the instructions.

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Ⅵ. Ulead photo express

The latest version of Photo Express offers a new look that makes image editing much more fun and intuitive. There are a lot of improvements and enhancements that comes with Photo Express 4. Here are some of the new features that you can expect in Photo Express 4.

Photo Management: With Photo Express' new user interface, it is now easier to keep track of your files. In the Browse mode, you are able to view your image, audio and video files visually.

Editing Photo: Express has a huge range of image editing tools, from correcting the brightness of an image all the way to fancy Hollywood style special effects. These tools are always ready at the click of your mouse. Photo Express? Object oriented design and ready-made templates take image editing into another realm, even for a beginner.

Brand New User Interface Photo Express has a brand new look and feel. With a more intuitive layout and easier to understand interface, image editing is made even easier than before.

Customizable User Interface: Change the appearance of the interface to suit your taste. You can now download skins from the Ulead Website to give your interface that unique look.

Browse Mode: A Windows Explorer like browsing feature that makes photo management easier. You can also now browse your image, audio and video files visually.

Internal Browser: Open any of the links to Ulead related Web sites, available from the Ulead Links menu, right in the Photo Express Workspace. Download extra content, presets and program updates in the Ulead Website right inside Photo Express.

Batch Adjust: Do quick enhancements or file conversions to your images. With Batch Adjust, you can apply the same enhancements or conversions to all the selected images with just one click. There is no need for you to do it one image at a time.

Enhanced Effects: Photo Express added more editing tools to the different effects already existing before. Colored pencil, adding a signature and stamp clone are just a few of the newly added tools in Photo Express 4.

Acquiring Images: In Photo Express 4, you can now capture still images from your DV camera. There is also the auto slice feature in scanning that lets you save images as separate files while scanning them all at once.

Share over the Web: With iMira, Ulead's new free photo sharing site, you can now share those memorable photos over the net. Photo Express lets you upload your photos to iMira right inside the program.

MORE! Just can't get enough of those extras that Ulead Products are known for? In Photo Express, there are more decorative elements (over 500!), more calendar styles (over 200!), more 3D folding card styles, more FREE images (over 5000!) and more Web project templates (over 100!).

Ⅶ. Ulead cool 360

Taking great picture: Panoramic photos are substantially different from other types of photographs and are much more challenging.

*   Take a lot of pictures. If you are using a digital camera, this isn't really a problem because the "film" is essentially free. Later, you can pick the best images to use in your panorama.

*   Use landmarks at the edge of the frame and overlap images (minimum of 15%).

*   Use a tripod. Even an inexpensive tripod can make the process of getting god pictures easier.

    Viewing panoramic images: Panoramic photos are substantially different from other types of images, and therefore require a special viewer. Using the Viewer is also very easy.

*   When the arrow cursor is visible, click the image and drag in the direction you want to scroll in.

*   When the magnifying glass is visible (around the center of your image), click and drag up to zoom out or drag down to zoom in.

    Sharing images: 360°panoramic images are more than just large versions of a normal image. To get the wraparound effect, these images must be opened in a special viewer, which is included with the COOL 360 software. Family and friends who do not have COOL 360 will not be able to view these images unless you also send them the viewer. This is not a problem. When you use the program to send e-mail, you can select Attach viewer to create a self-executable file (*.EXE) that includes both the image and the viewer. When someone double-clicks on the EXE file, the viewer automatically runs, displaying your image and allowing them to use the mouse and keyboard to navigate the panorama.

    Setting up your e-mail program: Ulead COOL 360 automatically sends your panorama by e-mail using your default MAPI e-mail client.

VIII. Troubleshooting

Question 1: Computer can't detect the View Cam

Solving Method: Check if computer's OS (Operating System), BIOS, USB Port or installation errors occurs.

Windows 95 doesn't support USB port. You have to update your OS to Windows 98 or above to support USB port and ensure BIOS Setup and USB settings are available. If the problem still occurs, please try connecting the USB ViewCam to your machine via another USB socket.

Question 2： My video image is too dim or too light.

Solving Method: Adjust the brightness and contrast background.

Steps: Because the ViewCam can be easily affected by light, therefore, we suggested proceeding from usage environment and screen object such as increasing object brightness or moving light source.

Question 3: Color is defective

Problem: After installation, if you found the image is not as expected as you want. Is the color part defective?

Solving Method: Adjust the color settings related to video snapping course options or have the color settings related set as " default "

Question4: Blank screen or black screen

Symptom: During the usage course after the image frame pops up, the Blank screen or black screen will occur?

Method 1: Make sure that the ViewCam driver is installed fine.

Method 2: Ensure the "Preview" under "Option" tab is selected and applied.

Method 3: If your computer OS is first version of WIN 98, then you need to update the OS to WIN98 SE or above or download DirectX8.0 or version above patch application from site then reset your computer.

Question 5: **Bloom screen occurs during the course of usage**

Method 1:　Check if USB power is clean, because the ViewCam is easily affected.　If the USB power wave is too large, then such problem will occur. You may use another computer to test it.

Method 2:　Check if the driver conflicts with other computer hardware devices.

Method 3:　Check the ViewCam driver and match it with ViewCam model; in addition also use other video cards to confirm if the current video card and its driver are incompatible with ViewCam.

Question 6 ： **The ViewCam can't work normally under the laptop/notebook**

Because the USB ViewCam can easily conflicts with video card, therefore, please follow this path: " my computer----> control panel -----> system-----> device management ----->Video Card

And other pointing devices ------>A4tech View Cam ", then define and double-click "A4tech.port View Cam ".　　After opened a window, please check the tab "resource" to find the conflict information.　If it is conflicted with other video card, you should try to change an IRQ of them.

Question 7：Remote video isn't smooth as expected
This issue is caused by two reasons:

1）　The actual net band with is not enough and you are suggested to modify the conference properties to decrease the video occupying bandwidth or to reduce the contemporaneous windows numbers

2)　Please check the computer CPU space occupying rate and if it is too high then please decrease it to reduce the contemporaneous windows

numbers.

Question 8：How come I couldn't hear any sound via MSN Messenger even after the successful installation of the driver?

1.   Maybe the micro voice is not enable, so please click the voice icon in the system tray at the right bottom of computer screen to check if the micro voice is enable, if not, please enable it in the control volume.
2.   Sometimes, the MSN messenger is too old to support both sound card and your ViewCam, so please upgrade your MSN messenger to support your ViewCam and sound card.

Question 9:   How come the system always asks me to install the driver while I have successfully installed?

A: Because you have plugged the ViewCam before installation.   Please follow the steps below to do the installation again.

1.   Unplug the ViewCam from your computer
2.   Uninstall the former driver
3.   Restart your computer;
4.   Install the driver;
5.   Restart your computer;
6.   Plug the ViewCam into your computer and let it search the hardware;
7.   Restart your computer, and you should find it is ok now!

Question 10:   There hasn't any prompt authentication through the Microsoft micro sign in the installation process, the system maybe unstable if continue installing possibly. How deal with it?

Method: please still click " continue to install" .

Because this camera could not cause the unstable status of computer system.

TECH SUPPORT

For tech support, please visit our website at www.a4tech.com or email us at support@a4tech.com

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