**IC300
USB Camera**

User's Guide

Features

- Meet your friends or family over the Internet
- Capture still pictures and video clips
- Send video e-mails
- 1/4-inch CMOS sensor captures 300K pixels resolution image
- Fast frame rate up to 30 frame per second at 320 x 240 resolution
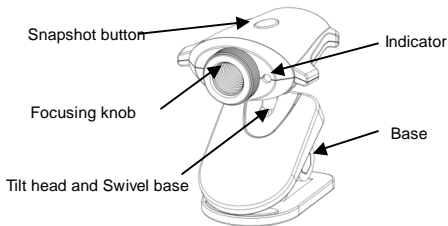- Support Windows 98/98SE/Me/2000 and XP

What Is Contained in the Package

1. USB Camera with USB cable
2. Base
3. Installation and software CD
4. User's Guide (the document you are reading)

Overview

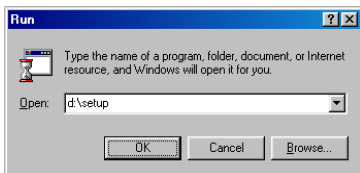|	**Function**
Snapshot button	Takes still picture with just one click
Focusing knob	Adjusts the focus
Tilt head	Provides 90 degree tilt range
Swivel base	Pivots full 360 degree rotation
Base	Works as a stand/clip dual purpose base for desktop and notebook computers
Indicator	Indicates the camera in active mode

Installing Drivers and Software

Note: If you are using Windows 2000/ XP, there will be a warning screen "Digital Signature Not Found", please ignore it and click **Next/ Continue Anyway** to continue.
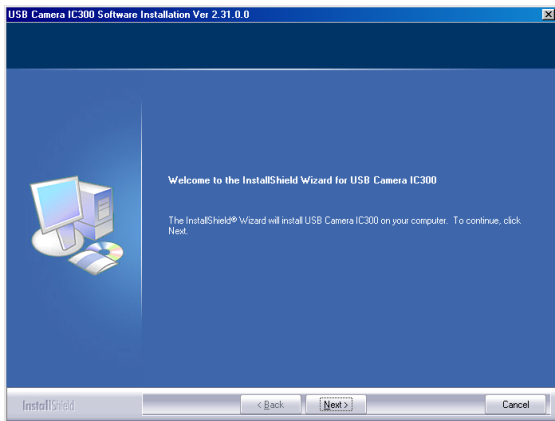
1. Turn on the power of your PC
2. Do NOT connect the USB Camera to the computer before the installation is completed.
3. Insert the installation CD into the CD-ROM drive.
4. The installation program should start automatically.
   If not, click **Start >Run** button and enter

   d:\setup

Note: d driver is supposed to be CD-ROM drive, please type your right CD-ROM drive.

1. Please click Next to continue and follow the on-screen instruction to complete the installation.
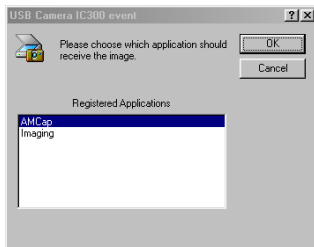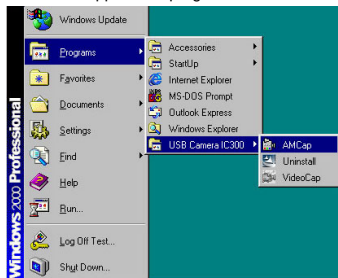
Note: The screens shown below applies to Windows 98, other version of Windows may display slightly different screens.

1. A dialog screen will prompt you to select on an application to receive the image. Select AMCap, click OK to confirm selection.

Note: The above function is not supported by Windows 2000.

In Windows 2000, you should go to **Start** button and select **Programs** > **USB Camera IC300** > **AMCap** to start the application program.

2.   The AMCap will launch and display a screen as follow.

3.   The table below explains each command.

Menu bar		Function
File	Set Capture File	Set the filename of captured video in avi format.
	Allocate File Space	Enter the amount of disk space in MB to set aside for the capture file. Note: Free disk space is shown in MB and it is convenient for user to allocate the file size within the amount of free disk space.
	Save Captured Video As	Save the captured video in avi format.
	Save Snap Image As	Save the captured image in bmp format.
	Exit	Exit the application program.
Devices	USB Camera IC300	The connected device will be automatically detected and enabled.
Options	Preview	Enable/ disable preview. Note: This feature is enabled in default mode.
	Video Capture Filter	Configure the properties settings of video, including contrast, brightness, auto exposure, etc.
	Video Capture Pin	Set frame rate, color space and the window size.
Capture	Start Capture	Start capturing video.
	Stop Capture	Stop capturing video.
	Snap One Image	Capture a snap image.
	Master Stream	Choose master stream from three selections: None, Audio, Video.
	Set Frame Rate	Set the frame rate for capturing video. Note: The highest the frame rate, the more smooth video will be captured.
	Set Time Limit	Set the maximum number of seconds for capturing.
Help	About	Show the version of the application program.

Running Video Meeting

To start up Microsoft® NetMeeting® on Windows 2000/ XP
1. Click **Start** Button
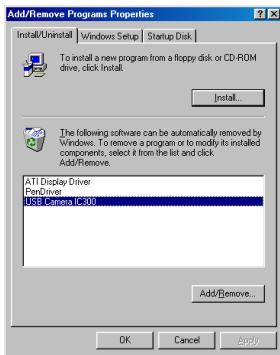2. Point to **Programs** > **Accessories** > **Communications** > **NetMeeting**.

To start up Microsoft® NetMeeting® on Windows 98/ 98SE/Me/NT4.0, please install the Microsoft® NetMeeting® 3.01 included in the CD before using on-line video meeting.

Uninstalling Drivers and Software

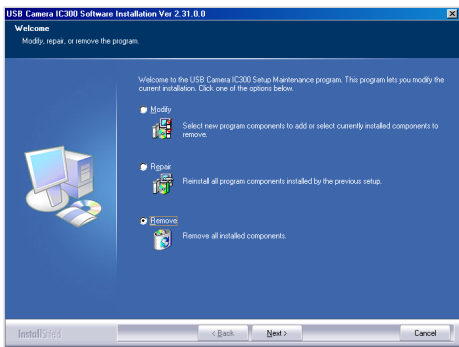A. Removing the USB camera through the Device Manager

1. Connect the USB camera to the computer.
2. Click the Start button, point to Settings, and click Control Panel.
3. Double-click System and click on the Device Manager tab.
4. Select 'USB Camera IC300' from the Imaging Device list

- In Windows 98/Me, click the Remove button and follow the on-screen instructions.
- In Windows 2000/XP, right-click and select Uninstall, then follow the on-screen instructions.
5. Close the Device Manager.
6. Unplug the camera and restart your computer.

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B.   Removing the driver software

1. Click the **Start** button, point to **Programs** > **USB Camera IC300** and click **Uninstall**.
2. The following screen will prompt you. Select Remove.

3. Follow the on-screen instructions to complete the uninstallation.

You have completely removed the drivers software and associated registry entries. The next time the device is plugged in to the computer it will require a reinstallation.

	USB Camera
Sensor	1/4 inch CMOS sensor, 300K pixels
Image resolution	VGA-size 640 x 480 pixels
Lens	F2.8, f = 6.2mm fixed focus
Focal distance	5cm – infinity
Video frame rate	CIF-size 320 x 240 pixels, up to 30 fps VGA-size 640 x 480 pixels, up to 12fps
Image compression	RGB24/I420
Exposure	Auto
SNR ratio	42dB max
View angle	> 50 degree
Interface	USB1.1
USB cable length	1.5m
Power	From USB port of host computer
Operating system	Windows 98/98SE/Me, Windows 2000 or Windows XP
Dimensions	53 x 65.5 x 74 mm (W x H x D)
Weight	72 g (USB cable and base included)

FCC Information

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 against harmful interference in a residential installation. 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, this notice is not a 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 one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician.

Caution: To comply with the limits for the Class B digital device, pursuant to Part 15 of the FCC Rules, this device must be installed in computer equipment certified to comply with the Class B limits.

All cables used to connect the computer and peripherals must be shielded and grounded. Operation with non-certified computers or non-shielded cables may result in interference to radio or television reception.

Modifications: Any change or modifications not expressly approved by the grantee of this equipment could void the user's authority to operate the equipment**.**

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