Intel® PC Cameras

with Intel® Create & Share™ Software

Getting Started Guide

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Welcome

Congratulations! The combination of your Intel® Pro PC Camera and Intel® Create & Share™ Software lets you capture and organize videos, audio clips, and images that can be incorporated into email postcards and your own home pages. You can also use your powerful new camera & software combo to:

- Quickly and easily record a video for an email.
- Talk to family and friends on an Internet video phone call with Microsoft's* Windows* NetMeeting*.
- Play virtual reality games where you're a part of the on-screen action.

Note

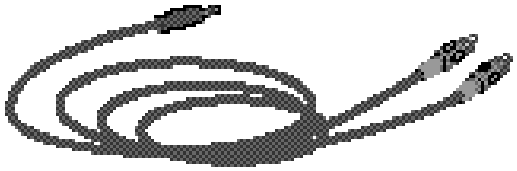
This manual assumes that you have successfully installed your Intel Create & Share Software.

What you should have

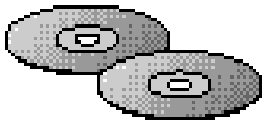
Before starting the installation, check that your package contains these items:

Video cable

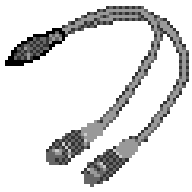
Audio cable



Intel® Pro PC Camera



Intel® Create & Share™ Software CD-ROM



Audio stereo-to-mono adapter

Manuals

Where are the online manuals?

You can find the manuals at:

Start> Programs> Intel Create & Share Software> Manual

-or-

From the Intel Create & Share Help menu.

Your camera and software combination includes several straight forward online references that make using your camera and the Intel Create & Share software fun and easy.

- This *Getting Started Guide.*
- *Intel Create & Share Software User's Manual*.
- *Intel Create & Share online help*.

Getting Started Guide - Quick instructions on how to use many of the numerous product features, and a description of the camera and how to use it effectively.

User's Manual - Details on using galleries, taking snapshots, recording videos, creating and sending email postcards, making Internet video phone calls, creating your own home pages, building movies, taking snapshots automatically, sending a video email, and more.

Online Help - Detailed instructions and extensive troubleshooting on the full Intel Create & Share software suite.

Starting Intel® Create & Share™ Software

From the Windows **Start** menu click **Intel Create & Share Software** or double-click the desktop icon.

The first time you run the Intel® Create & Share™ Software:

- The Intel Registration Wizard is displayed to help you register your program. If you choose to register now, complete the requested information. Remember to connect to the Internet to register online.
- An opportunity to send a **Tell Your Friends** message appears. This message provides the recipient of your message with a link to install Microsoft's NetMeeting*. The message also links your friends to Web sites to learn more about Intel Pro PC cameras' capabilities and where to purchase them.

Note
Be sure to register to "Stay in the Loop". Registered users are periodically informed of updates, upgrades, and special offers.

If you want to send a Tell Your Friends message later:

- From the **Help** menu, choose **Tell Your Friends**.

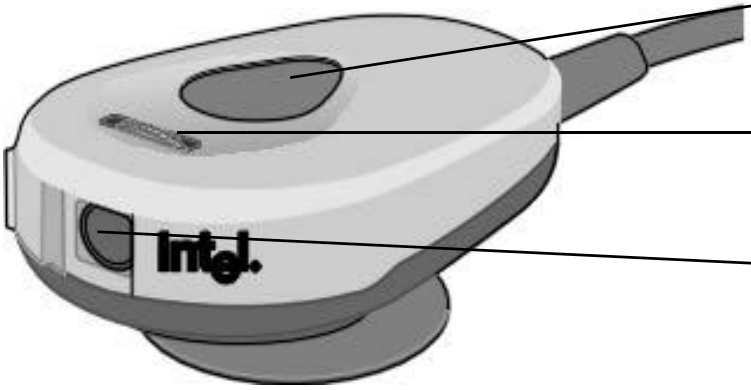
To register later, go to: **Start> Programs> Intel Create & Share Software> Register Online.**

Visit the Web site

To find out what's new, get information on special offers, and learn more about what you can do with your camera, visit the web site at:
http://www.intel.com/PCcamera

Setting up the Intel® Pro PC Camera

Make sure the camera lens cover is open when you take pictures or create videos. Use the snapshot button to take snapshots, and the focus dial to focus the video picture. To adjust the quality (such as hue, saturation, or sharpness) of the video picture, follow the instructions in online Help under camera settings.

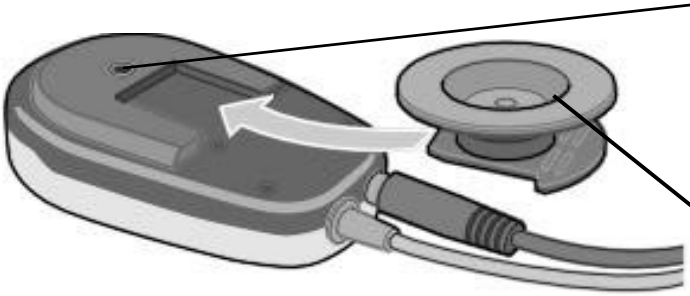


Snapshot button. To take a snapshot, press the button.

Focus dial. To adjust the focus of the video picture, rotate the dial.

Privacy Shutter. To stop video capture, slide shutter closed.

Easy video-in connector. Connect the supplied video cable here to an external video device like a VCR, camcorder, or DVD player. With this cable you can transform previously recorded video into digital video. You can also record directly through your device onto your computer's hard drive.



Tripod connector. Mount the camera on a tripod to avoid camera jitter, which can contribute to larger file sizes.

Camera mount. Slide the camera onto the mount and connect mount to surface.

Adjusting the Intel® Snapshot image

1. On the Home screen, click **Take Snapshot**.
2. From the Snapshot **System** menu icon, choose **Adjust video.**

3. Adjust the settings as needed.
4. Click **OK**.

Adjusting the Intel® Scene Recorder image

1. On the Home screen, click **Record Video**.
2. On the Scene Recorder window, click **Settings.**
3. Adjust the settings as needed.
4. Click **OK**.

Adjusting the NetMeeting* image

1. On the Home screen, click **make a video phone call**.
2. On NetMeeting, click the **Start Video** button.

3. From the **Tools** menu, choose **Options**.
4. On the **Video** tab, under **Video camera properties**, click **Source**.
5. Adjust the settings as necessary.
6. Click **OK** twice until you're back to the NetMeeting main window.
7. Evaluate the image quality.
8. Repeats steps 3 through 6 as necessary.

General Image Quality Tips

- Place the light source in front of you, not behind you; avoid bright light which may cause a glare.
- Wear solid-colored clothing; avoid patterns and grays.

- When using the camera, ensure that the shutter is in the open position
- Common mounting positions for the camera include on top of the computer monitor or on a speaker.

Using the Camera's Video Input

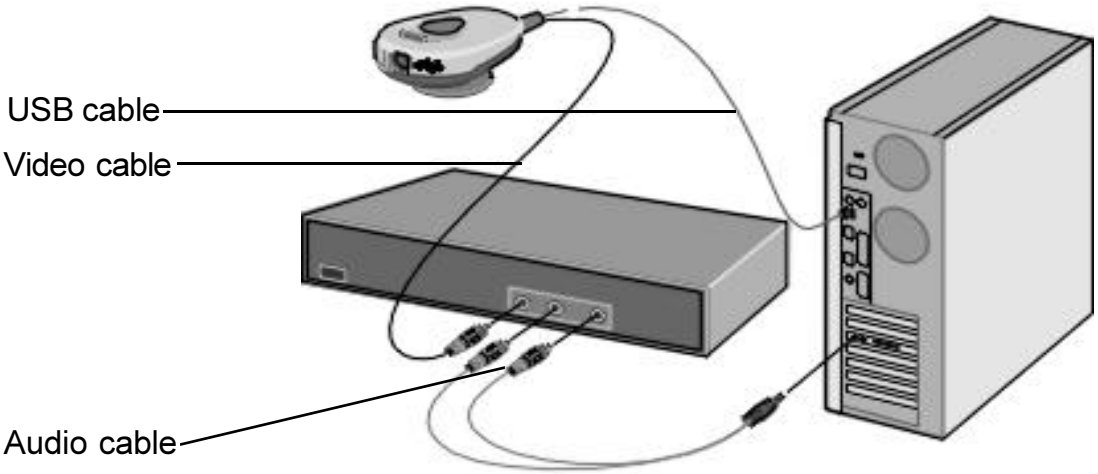
The Intel® Pro PC Camera has a connector to connect other video devices like camcorders or VCRs to your computer for use with the Intel® Create & Share™ Software.

Now you can take those video tapes of family gatherings, business meetings, and special occasions like vacations and turn selected scenes into digital format for sharing in email, during video phone calls, or on your home pages.

An example of creating a digital video clip from video tape

This VCR example uses the supplied video and audio cables. Your external device may require different cables and adapters.

1. Connect one end of the supplied video cable to the Intel® Pro PC Camera and the other end to the external device (we are using a VCR).
2. To include the sound from the video as a part of the recording, connect the supplied audio cable from the VCR to the computer's sound card.



3 From the Home Screen of the Intel Create & Share Software, click **Record Video**.

4 Click **A/V Input** on the Intel® Scene Recorder window.

5 On the Video and Audio Input dialog, select "External video plugged into camera".

The Audio Source is automatically selected for you.

6 Click **Apply**

7 Click **OK**.

8 Cue up the video tape in the VCR to the scene you are interested in recording.

9 Click **Record** on Scene Recorder.

10 Press Play on the external player.

11 Once the scene is recorded, click **Stop** on the Scene Recorder window.

12 Press **Stop** on your external player.

13 Click **Play** in the Scene Recorder window to play back the digitized video.

14 Click **Trim** to trim the recorded video to the length you are interested in.

15 Click **Save** to save the file.

Note
When capturing video from previously recorded video, you can add narration to the video clip from a microphone, or use music from a CD, rather than the sound that is part of the original video. See the online Help for details.

What are the possibilities?

Here's a short list of some of the things that you can do.

- Take the video you recorded of your son's graduation and create a "Graduation's Highlights" video clip for sharing with family and friends via your home page or on an email postcard.
- With that video you made of the house hunting trip for your new job, you could create a "Best

of the Houses Seen” video showing the features of the houses you are interested in. The highlights could include your own narration, added when the video was recorded or when you were creating the movie.

- With a camcorder you can record the keynote address to the sales staff and later use the Intel Create & Share Software to edit and trim some of this video for inclusion on the company’s website.
- Using that already edited sales address, you can create a small movie for your own presentation to Marketing at a later point in time.

What’s included?

Along with your Intel® Pro PC Camera, your Intel® Create & Share™ Software helps you use your PC to communicate in a variety of new ways.

To learn in depth about all of the applications described here, see the *Intel Create & Share Software User’s Manual*.

Here’s a brief description of what you can do with the Intel Create & Share Software.

Manage files in Galleries

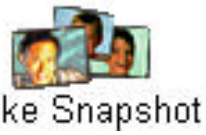
The Gallery is the project and media file manager within the Intel® Create & Share™ Software. From the gallery, you can save, organize, and open projects as well as video, image, and sound files, collectively called “media”.

- The active Gallery on the default Home screen appears on the left side of the screen.
- To change the active gallery from the Home screen, select from the **Galleries** drop-down.

- To expand the active Gallery to full screen view, click **Full Gallery** on the Home screen.
- To change the active gallery from within the full Gallery view, click the target Gallery on the right side of the screen.
- To return to the default Home screen from the full gallery view, click **Minimize Gallery**.

For more information on working with Galleries, see the User’s Manual and the online Help.

Take snapshots



Quickly and easily take snapshots using your Intel® Pro PC camera. These snapshots can be assembled into your own online galleries, sent to others using email, incorporated into web pages, and more.

1. On the Home screen, click **Take Snapshot**.
2. Align the subject in the Snapshot Live View window.
3. Click the **Snapshot** button.

The snapshot appears in the Snapshot window.

4 To preview a full size image, double click on the image.

5 To close the preview image, click on the **X** in the lower right hand corner of the preview image window.

6 Click **Save** in the Snapshot window.

Your snapshot is saved to your active gallery and is displayed as a thumbnail in that gallery.

7 To close Snapshot, click the **X** in the upper right hand corner of the Snapshot window.

Note
To improve the image quality, see page6

Note
The active gallery is the gallery that is open in the Home screen when you open Snapshot.

For more information on creating and using snapshots, see the User's Manual and the online Help.

Record Video

Record videos

Record and trim video clips to spice up a web page, add interest to a presentation, or share a video moment of your children with their grandparents.

1 On the Home screen, click **Record Video**.
2 Align the subject in the Live View window.
3 Click **Record**.
4 When you're done recording, click **Stop**.
5 To preview the video, click the **Play** button.
6 Click **Save** in the Scene Recorder window.

The gallery that you save to becomes the active gallery on your Home screen.

The new video is displayed as a thumbnail in that active gallery.

7 To close the application, click **Done**.

Note
To improve the image quality, see page7

For more information on creating and using video files, see the User's Manual and the online Help.

Record audio

Record audio files of your baby's first words, narrate a business presentation, or send an audio message in an email postcard.

1. On the Home Screen, click **Record Audio**.
2. Click **Record** to begin recording.
3. When you're done recording, click **Stop**.
4. To save the file, click **Save**.

   Your audio clip is saved to the active gallery and is displayed as a speaker icon in that gallery.

5. To close the application, click **Done**.

For more information on creating and using audio files, see the User's Manual and the online Help.

Create and send email postcards

Add images and videos to one of the numerous provided templates to create email postcards and send them to family, friends, or business associates.

1. On the Home screen, click **send an email postcard**.
2. Click **Create a new postcard**.
3. Select a category and template for your postcard. Click **Next.**
4. Add images, videos, and audio clips to the template cutouts. You can also add and modify text to the front of your postcard. Click **Next**.
5. Add text, your email address, and the email address of your recipient to the back of your postcard. Click **Next.**
6. Choose the file type and method for sending your postcard.

Note
To modify text, double click on a text box, make your changes, then click off of the text box to view your changes.

For more information on email postcards, see the User's Manual and the online Help.

Send a video email

Tell the story in person by capturing and attaching a streaming video file to any email.

1. On the Home screen, click **send a video email**.
2. Enter your email address, the recipient's email address, and the subject of the email.
3. Align your subject in the Record your video window.
4. Click **Record**.
5. When you're done recording, click **Stop**.
6. To preview the video, click **Play**.
7. To re-record the video, click **Live View**, then click **Record**.
8. Click **Send it!**

Note
To improve the image quality, from Video email, go to **Settings > Adjust Video...**"

For more information on video email, see the User's Manual and the online Help.

Place a video phone call

Now you can talk to and see others at the same time using your Intel® Pro PC Camera and NetMeeting* software to make video phone calls over the Internet.

The person you call doesn't have to use NetMeeting. Many Internet phone programs work with NetMeeting.

Note
If you have trouble making or maintaining a connection, please contact your Internet Service Provider.

NetMeeting connects directly to an Internet directory server or another computer. To place a call, either choose someone logged on to a server, or call another computer directly by typing its name or address.

Setting up the camera for calls

When you make Internet phone calls, you may want to see the other person and be seen by them. When you start NetMeeting, your video is not in the window.

> **Privacy Note:** Due to the anonymous nature of the Internet, you may want to confirm who you're connected to before receiving or sending video.

To verify that you're using the Intel Pro PC Camera

1. On the Home screen, click **make a video phone call**.
2. In NetMeeting, select **Tools > Options...**
3. Select the **Video** tab.
4. Click the arrow in **Video camera properties**.
5. Select Intel® Pro PC Camera from the list.
6. Click **OK**.

To add your video to the main NetMeeting window

1. On the Home screen, click **Make a Video Phone Call**.
2. In NetMeeting, click the **Start / Stop Video** button.

Note
To improve the image quality, see page7.

To not automatically receive video at the start of a call

1. From the **Tools** menu, choose **Options**.
2. On the **Video** tab, under **Sending and receiving video**, uncheck **Automatically receive video at the start of each call**.
3. Click **OK**.

Note
The default is to automatically receive video and not send video at the start of a call.

To automatically send video at the start of a call

1. From the **Tools** menu, choose **Options**.
2. On the **Video** tab, under **Sending and receiving video**, check **Automatically send video at the start of each call**.
3. Click **OK**.

To open a second window to display your camera view

1 Select the **View** menu.
2 Select **My Video (New Window).**
3 Click **OK**.

To place a call to another person

Note
The person you're calling may have a different Internet video phone call application. They may need to follow different steps to place a call.

1 On the Home screen, click **make a video phone call**.
2 In the Address bar, type one of the following:
   - Email address
   - Computer name (for LAN access)
   - IP address

Note
The person you're calling must have their video phone running and be connected to the Internet.

3 Click the **Place Call** button

Tips for placing NetMeeting calls

- If NetMeeting can determine how to place the call, it does so automatically. Otherwise, the **Place A Call** dialog box opens.

  If the **Place A Call** dialog box opens, in the **Using** box, click the right connection type.

Note
The Address bar and SpeedDial don't give you the **Place A Call** dialog box, which displays the **Require security for this call** check box.

- If you prefer to select security on a call-by-call basis, place your calls through **New Call** rather than the Address bar or a SpeedDial.

  From the **Call** menu, select **New Call**.

- To display a list of who you've called recently, click the arrow next to the Address bar.
- To create a **SpeedDial** list for people you call

frequently, from the **Call** menu select **Create SpeedDial**.

To accept or reject a call

- When someone calls you, the **Incoming Calls** dialog box appears. Click **Accept** or **Ignore**.

Notes

- If this is a secure call, a **Details** button also appears. Click it to review the type of security and certificate being used.
- To stay logged on to the directory server, and be unavailable for calls, on the **Call** menu, click **Do Not Disturb**.
- You also can set NetMeeting to accept calls automatically. From the **Call** menu, choose **Automatically accept calls**.

To use a directory server

1. On the NetMeeting **Tools** menu click **Options**.
2. On the **General tab**, under **Directory Settings**, in **Directory**, type or click the name of the directory server you want to use.

Note
The default server is the Intel directory.

Notes

- If you aren't logged on to the directory server, people can still reach you via your IP address.
- To log on to a server automatically, from the NetMeeting **Tools** menu, choose **Options.**

  Select the **Log on to a directory server when NetMeeting starts** check box.

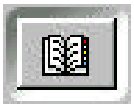
Note
To avoid unwanted video phone calls

- If you don't want your name and email address to appear in the directory list when you're logged on to the directory, from the NetMeeting **Tools** menu, choose **Options.**

  Select the **Do not list my name in the directory** check box.

To find someone in the Intel directory

1. Click the **Find Someone in a Directory** button.



2. In **Select a directory**, you'll see that Intel Directory is the default.
3. To use the Intel directory, follow the instructions on the Web page to locate who you want to contact.

To find someone in a non-Intel directory:

1. Click the **Find Someone in a Directory** button.

2. In the **Find Someone** dialog, choose a directory from the **Select a directory** drop-down.
3. Locate the person in the displayed listing.
4. Click **Close**.

To log on or off a directory server

- On the NetMeeting **Call** menu, click **Log Off** from <*directory server name*> or **Log On** to <*directory server name*>.

Tip

To make a test call, open your Internet browser and type this URL

www.intel.com/PCcamera/portals/testcall.htm

Click **make a test call**

Helpful hints for making Internet phone calls

If you're experiencing difficulties:

- Mute the video and ask the other person to do the same. Your audio will remain connected.

  Click the **Start / Stop Video** button.

To improve the sound quality:

- Speak slowly and clearly into the microphone.
- Wait until the other person stops speaking before you reply.
- Eliminate background noise from your area.
- Consider using a headset instead of speakers. This eliminates feedback, reduces background noise, and allows you to use full-duplex audio. Headsets with built-in microphones work as well.
- Keep the microphone away from the speakers to minimize feedback
- Ensure that the microphone's volume is not too loud.

Full-duplex when both parties in a video phone call can speak at the same time.

To improve the video quality:

- Make your **My video** and **Guest** video windows smaller and ask the other person to do the same.

  Click **Tools > Video > Window Size**, and verify that the setting is 100%.

- Place light in front of you, not behind you.

Other tips

- Remember, the person you are calling may have a different video phone application. Be patient while making a call.
- Place the camera at eye level and the microphone at least 6 inches from a computer speaker.
- Disable call waiting on your telephone line. (Consult your telephone directory for details.)
- Make sure your phone and modem are properly connected to your computer.

The Intel® Create & Share™ Software User's Manual can be found at:

Start> Programs> Intel Create & Share Software> Manual> User's Manual.

- You'll achieve a better connection quality if you try to avoid connecting to the Internet at peak times.

  Peak times are generally during evenings, holidays, and weekends

- The higher the speed of your connection to the Internet, the higher the quality of your Internet phone calls.

For further instructions and solutions to common problems, consult the online Help. For customer support, check the Intel customer support Web site at:

http://support.intel.com/support/createshare/camerapack.

Set up Auto Snapshot

Capture the action even when you're not around to click the button. Set up your Intel® Pro PC Camera to automatically take and send snapshots to your hard drive, an email address, or directly to your web page.

For more information on taking automatic snapshots, see the User's Manual and the online Help.

Create a multimedia home page

Intel® Home Page Builder quickly turns you into a Web page designer. You can easily add text, graphics, images, and video to any of the supplied templates.

For more information on building and publishing home pages, see the User's Manual and the online Help.

Build a Movie

Intel® Movie Builder is your private production studio. Add, trim, and blend images and videos taken anywhere and everywhere to tell the story of your vacation or business grand opening in ways that a normal video just can't.

For more information on building movies, see the User's Manual and the online Help.

Play a virtual reality camera game

Use the Intel® Pro PC Camera to put yourself into a virtual reality where you can pop falling bubbles, shoot baskets, hold the world in your hands, and more.

For more information on PC camera games, see the Camera Games online Help.

Note. PC Camera Games require a minimum of a Pentium® II processor, 266MHz withMMX™.Technology or higher.

Note
For more extensive trouble shooting information, please refer to *Intel®Pro PC Camera with Intel®Create & Share Software Manuals or Online Help.*

Trouble Shooting

I don't see an image in the Live View window in Intel® Scene Recorder or Snapshot.

Verify that:

- The camera's shutter is open.
- The camera's USB cable is plugged into the computer or USB hub as applicable.

The snapshots or video that I take are too dark.

Verify that:

- There is adequate light in front of the subject that you are focusing on.

The snapshots that I take appear washed out with poor coloring.

Verify that:

- There is not a bright source of light shining into your camera.

The snapshots that I take are fuzzy.

Verify that:

- The camera is focused with the focus dial.