KODAK EASYSHARE CD22 Digital Camera

Extended user guide

www.kodak.com

For interactive tutorials:
www.kodak.com/go/howto

For help with your camera:
www.kodak.com/go/cd22support

Kodak

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Rochester, New York 14650
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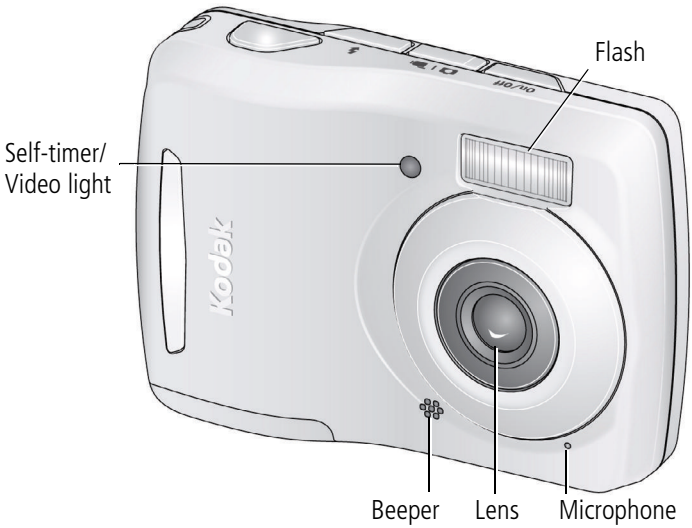
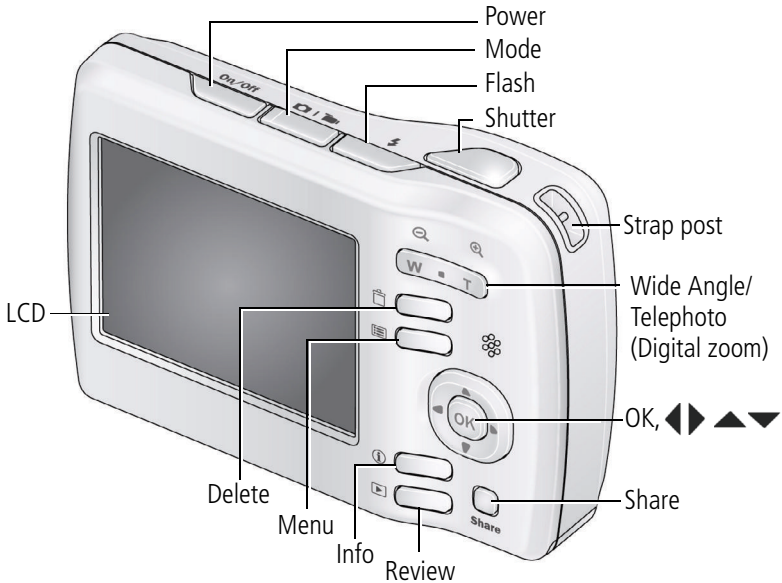
4H7160_en

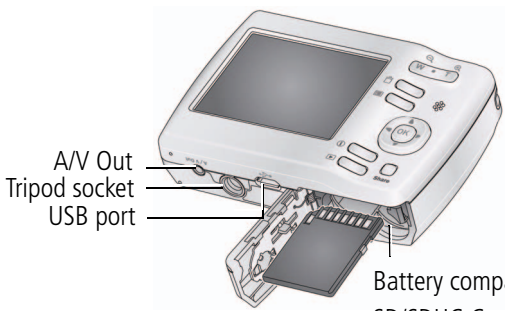
Front view



IMPORTANT: *Your camera offers a built-in Help system.* *See page 35.*

Back view





IMPORTANT: *Your camera offers a built-in Help system.* *See page 35.*

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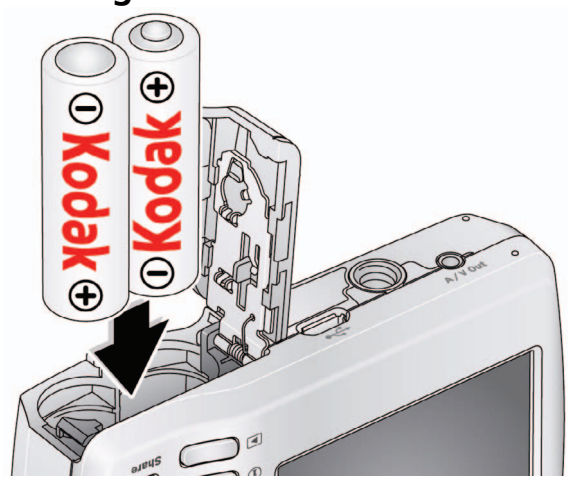
1 Setting up your camera

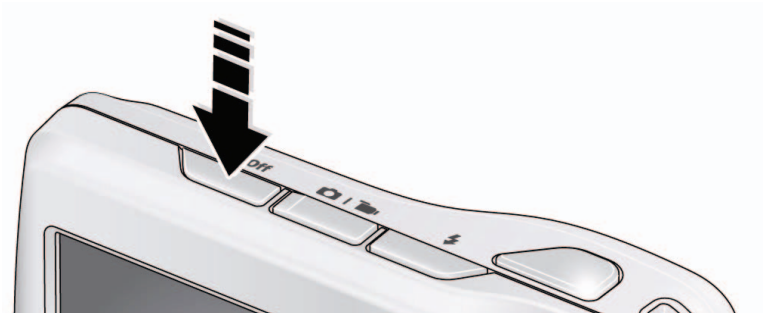
Attaching the strap

Loading the AA batteries



Purchase extra batteries for your special event www.kodak.com/go/cd22accessories

Turning on the camera



Setting the language and date/time

Language:
▲▼ to change.
OK to accept.

Date/Time:
At the prompt, press OK.
▲▼ to change current field.
◀▶ for previous/next field.
OK to accept.

NOTE: To change language in the future, use the Setup Menu (see page 29).

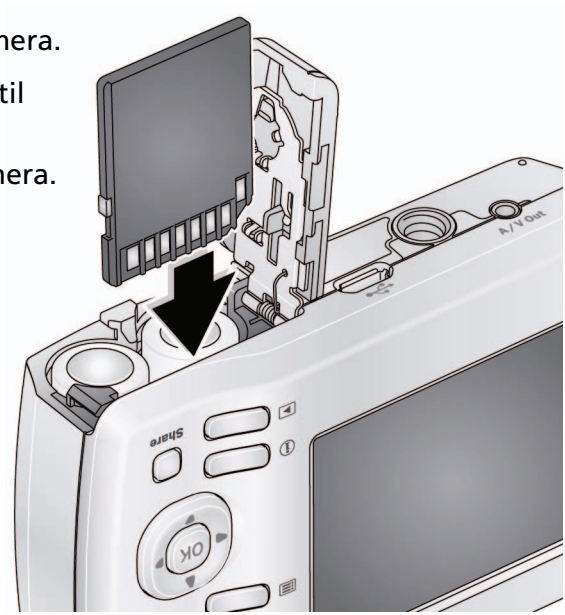
Storing pictures on an optional SD or SDHC Card

Your camera has internal memory. We recommend purchasing an SD or SDHC Card to conveniently store more pictures/videos.

CAUTION:

A card can only be inserted one way; forcing it may cause damage. Inserting or removing a card while the camera is on may damage the pictures, the card, or the camera.

1. Turn off the camera.
2. Insert a card until it clicks.
3. Turn on the camera.



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2 Taking pictures/videos

Taking pictures

1. The camera turns on in Auto mode. (If it's in a different mode, press the Mode button, then ▲▼ until the LCD displays Auto, then press OK.)
2. Compose the picture.
3. Press the Shutter button all the way down.

Taking a video

1. Press the Mode button, then ▲▼ until the LCD displays Video, then press OK.
2. Press the Shutter button all the way down, then release it. To stop recording, press and release the Shutter button again.

   To review and work with videos, see page 16.

Reviewing the picture/video just taken

After you take a picture/video, the LCD briefly displays the picture or the first frame of a video.

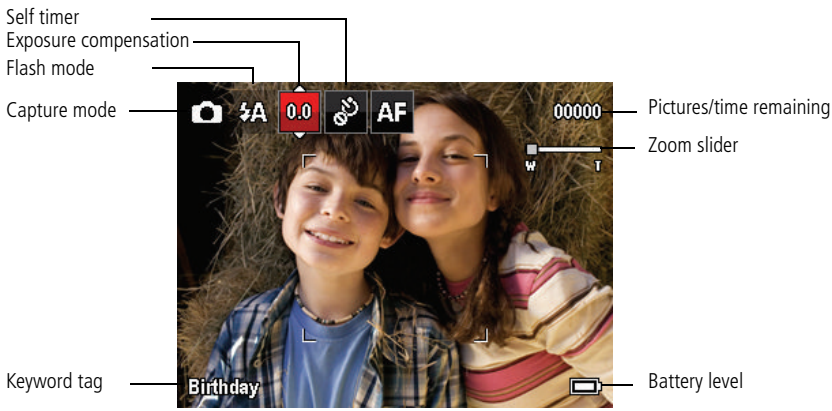
While a picture/video is displayed, you may:

Delete the current picture/video

OK Play/pause a video

NOTE: Audio is captured during video recording. Audio can be heard when the video is played on a computer or when the camera is connected to a TV (see page 22).
To review pictures/videos anytime, see page 16.

Understanding the picture-taking icons



Know when your batteries need attention

The battery level icon appears when the battery requires your attention. (If you're viewing shortcuts, the battery level is always displayed. See page 10.)

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Using the digital zoom

1. Use the LCD to frame your subject.
2. To zoom in, press Telephoto (T).

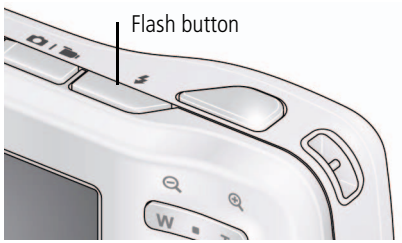
   To zoom out, press Wide Angle (W).

   The zoom slider shows the zoom level on the LCD.
3. Take the picture.

NOTE: You may notice decreased image quality when using digital zoom.

Using the flash

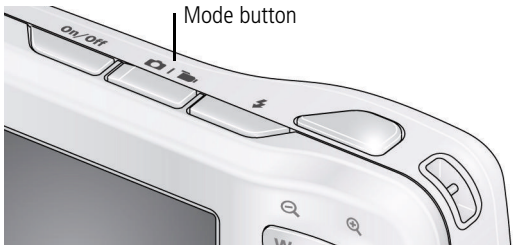
Press the Flash button repeatedly until the LCD displays the desired flash mode.



Flash modes		Flash fires
Auto		When the lighting conditions require it.
Fill (Flash On)		Every time you take a picture, regardless of the lighting conditions. Use when the subject is in shadow or is "backlit" (when the light is behind the subject). NOTE: Not available in Auto mode.
Red-eye Reduction	Preflash	A preflash fires, shrinking the eye pupil, before the picture is taken.
Off		Never

Using different modes

Press the Mode button, then ▲▼ until the LCD displays the mode that best suits your subjects and surroundings, then press OK.



Use this mode	For
Auto	General picture taking—it offers excellent image quality and ease of use. You can choose the best picture size and aspect ratio for your needs—just press the Menu button and choose Picture Size.
Video	Capturing video with sound. Audio can be heard when the video is played on a computer or when the camera is connected to a TV (see page 4.)
Scene	Point-and-shoot simplicity when taking pictures in practically any situation. (See page 9.)

Using Scene (SCN) modes

Choose a Scene mode—for great pictures in practically any situation.

1 Press the Mode | button, then ▲▼ until the LCD displays SCN, then press OK.

2 Press ◀▶ ▲▼ to view scene mode descriptions.

If the mode description turns off before you finish reading it, press OK.

3 Press OK to choose a Scene mode.

SCN mode	For
Portrait	Full-frame portraits of people.
Sport	Action pictures.
Flower	Close-ups of flowers or other small subjects in bright light.
Sunset	Subjects at dusk.
Backlight	Subjects that are in shadow or "backlit."
Children	Action pictures of children in bright light.
Manner/ Museum	Quiet occasions, like a wedding or lecture. Flash and sounds are off. For best results, place the camera on a steady surface or tripod.
Beach	Bright beach scenes.
Snow	Bright snow scenes.
Fireworks	Fireworks. For best results, place the camera on a steady surface or tripod.
Night Portrait	Reduces red eye of people in night scenes or low-light conditions.

Using shortcuts

Your camera has a clean, uncluttered interface. For quick access to the most popular capture and review functions:

1 Press the Info button.

The shortcuts appear. To hide the shortcuts again, press .

2 Press ◀▶ to access functions like Exposure Compensation and Self-timer. (You'll see different functions in different modes.)

3 Press ▲▼ to choose a setting.

Using the self-timer

Use the self-timer when you want to be included in a picture or to ensure a steady Shutter button press. For best results, place the camera on a tripod or steady surface. You can turn on the self-timer using a shortcut (see page 10) or these steps:

1. Press the Menu button. Press ▲▼ to choose Self-timer, then press OK.
2. Press ▲▼ to choose a Self-timer setting:

   10 Seconds— A picture is taken after a 10-second delay (so you have time to get into the scene).

   2 Seconds— A picture is taken after a 2-second delay.

   2 Picture Timer— The first picture is taken after a 10-second delay. A second picture is taken 8 seconds later.
3. Compose the scene. Press the Shutter button all the way down.

   The camera takes the picture/pictures after the delay.

To take a video after a 2- or 10-second delay, use the same procedure.

3 Sharing pictures/videos

Sharing through social networks

It's never been easier to share pictures on your favorite social networking sites.

IMPORTANT: *To use the social networking features, you need to download KODAK Software.* *(See page 31.)*

1. Press the Review [▶] button, then ◀▶ to find a picture.
2. Press the Share button.

   If it's your first time, a Help screen appears.
3. Press ▲▼ to choose a social networking site, then press OK.

   A check mark appears. Repeat this step to choose more sites. (You can press OK again to remove a check mark.)
4. Press ▲▼ to choose Done, then press OK.

   The picture is displayed with the Share icon. When you transfer the picture to your computer, it will be uploaded to the networking site(s) that you chose.

Tip: Do you upload pictures to the same sites each time?
Find a picture, then press and hold the Share button for about 1 second.
The camera applies the networking site(s) that you used previously and adds the Share icon to the picture.

Choose which social networking sites to display on your camera

You can show/hide networking sites on your camera so that only your favorite sites appear.

1 In Review, press the Menu button.

2 Press ◀▶ to choose the Setup tab, then ▲▼ to choose Share Button Settings, then press OK.

3 Press ▲▼ to choose a social networking site, then press ◀▶ to choose Show or Hide. Repeat this step until you have chosen Show/Hide for each social network.

4 When finished, press ◀▶ to choose Done, then press OK.

To return to picture-taking mode, press the Review button. When you are in Review and press the Share button, only chosen sites are shown.

Manage email addresses and KODAK PULSE Digital Frames

You can add, edit, or delete email addresses and KODAK PULSE Digital Frames on your camera.

1 In Review, press the Share button. Press ▲▼ to choose Manage Email Addresses (or Manage Frames), then press OK.

2 To add an email address or frame, press ▲▼ to choose Add Email or Add Frame, then press OK. Use the on-screen keyboard to make the addition. See page 14. (Example: JohnDoe@domain.com)

To edit an email address or a KODAK PULSE Digital Frame, press ▲▼ to choose the address's nickname or the frame, then press OK. Use the on-screen keyboard to make edits.

To delete an email address or frame, choose Delete Email or Delete Frame, then press OK. Press ▲▼ to choose the address or frame, then press OK so that a check mark appears. Press ▲▼ to choose Delete, then press OK.

3 When finished, press ▲▼ to choose Done, then press OK.

To return to picture-taking mode, press the Review button.

Tagging pictures/videos with keywords

You can tag pictures/videos with a keyword to make them easy to find, later.

1 Press the Review ▶ button, then ◀▶ to find a picture.

2 Press the Menu ☰ button. Press ▲▼ to choose Keyword Tag, then press OK.

3 Press ▲▼ to choose an existing keyword or New Keyword (see Using the keyboard) to add a new one, then press OK.

4 Press ◀▶ to add keywords to other pictures. When finished, press ▲▼ to choose Done, then press OK.

To return to picture-taking mode, press the Review ▶ button.

Using the keyboard

The keyboard appears when you need it.

1 Press ◀▶▲▼ to choose a letter, then press OK.

2 When finished, press ▲▼ to choose OK, then press OK.

Marking pictures/videos for emailing

It's simple to mark pictures/videos so that they're ready to email using KODAK Software. First, create a new email address. (See page 14.)

1. Press the Review ▶ button. Press ◀▶ to find a picture.
2. Press the Share button.
3. Press ▲▼ to find an email address, then press OK.

   To mark other pictures/videos with the same address, press ◀▶, then press OK.

   To send the pictures/videos to more than one address, repeat this step.

   To return to picture-taking mode, press the Review ▶ button.

When you transfer the marked pictures/videos to your computer, the software prompts you to send the pictures/videos. (For other software applications, refer to their documentation.)

IMPORTANT: *Your camera offers a built-in Help system. See page 35.*

4 Reviewing and editing

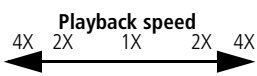
Reviewing pictures/videos

1 Press the Review ▶ button.

2 Press ◀▶ for previous/next picture/video.

- To exit, press the Review button.
- To view pictures/videos as thumbnails, press the Wide Angle (W) button. (For more information, see page 18.)

Playing a video



Press OK to play a video. Press OK to pause/resume. During playback:

- Press ▶ to play at 2X speed; press again for 4X.
- Press ◀ to reverse at 2X speed; press again for 4X.

NOTE: Audio can be heard when the video is played on a computer or when the camera is connected to a TV (see page 22).

Deleting pictures/videos

1 Press the Review ▶ button.

2 Press ◀▶ for previous/next picture/video.

3 Press the Delete button.

4 Follow the screen prompts.

NOTE: To delete protected pictures/videos, remove protection before deleting. (See page 17.)

Using the undo delete picture feature

If you accidentally delete a picture, you may be able to use Undo Delete to retrieve it. This feature is only available immediately after you delete a picture.

Protecting pictures/videos from deletion

1 Press the Review ▶ button.

2 Press the Menu ☰ button.

3 Press ▲▼ to choose Protect, then press OK.

4 Press ▲▼ to choose Protect, then press OK.

A check mark indicates that the picture/video is protected. Pressing OK again removes the check mark. Press ◀▶ to protect other pictures/videos, or press ▲▼ to choose Done, then press OK.

- Press the Menu ☰ button to exit the menu.

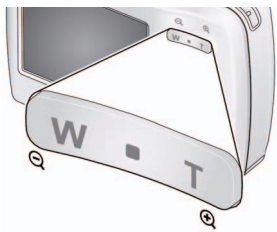
IMPORTANT: *Your camera offers a built-in Help system.* *See page 35.*

⚠ CAUTION:

Formatting internal memory or an SD or SDHC Card deletes all (including protected) pictures/videos. (Formatting internal memory also deletes email addresses and keyword tags.)

Viewing pictures/videos in different ways

Magnifying a picture



1. Press Telephoto (T) to magnify 1X–8X.
2. Press ◀ ▶ ▲ ▼ to view other parts of a picture.
   - Press OK to return to 1X.

Viewing as thumbnails

1. Press the Review ▶ button.

   The camera shows the last picture/video that was taken.

2. Press the Wide Angle (W) button to view pictures/videos as thumbnails. (Press it again to see more, smaller thumbnails.)

   To view all pictures/videos, choose the All tab.
   To sort by favorites, date, or keywords, press ◀ ▶ and choose the appropriate tab.

3. To see a single picture/video, press ◀ ▶ ▲ ▼ to choose it. Then press the Telephoto (T) button.
   - To select multiple pictures/videos, see page 26.
   - Press the Review button to exit Review.

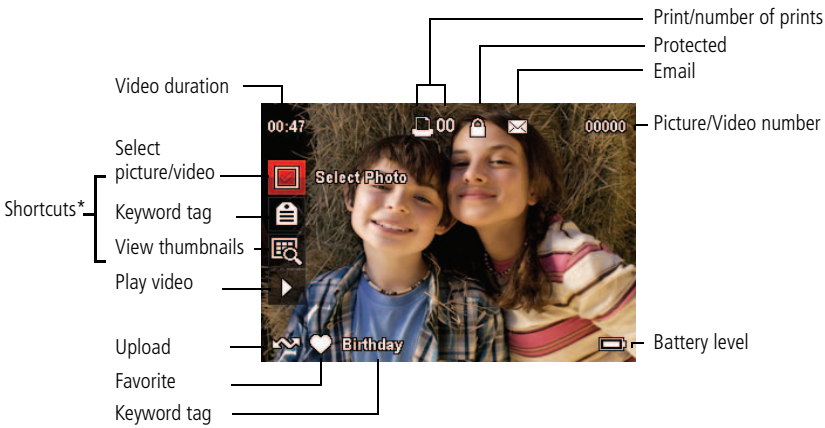
A smarter way to find and enjoy your pictures

Tag pictures with a keyword (page 14) to make them easy to find, later.

1. Press the Review ▶ button.
2. Press the Wide Angle (W) button to view pictures by thumbnail (or choose View Thumbnails shortcut).
3. Press ◀▶ to choose the All, Date, Favorite, or Keyword tab.
4. Press ◀▶▲▼ to choose a picture or picture stack, then press OK.

   Press Telephoto (T) see pictures in a stack or to see an individual picture. Press Wide Angle (W) to see thumbnails or picture stacks. To return to picture-taking mode, press the Review ▶ button.

Understanding the review icons



* For more about shortcuts, see page 10.

Creating a slide show

Use Slide Show to display your pictures/videos on the LCD. You can play all pictures/videos, or choose pictures to include in the slide show.

Make a slide show

1. Press the Review ▶ button. Select pictures (see page 26). If you select no pictures, all pictures are shown.
2. Press the Menu ☰ button, then ◀▶ to choose the Review tab.
3. Press ▲▼ to choose Slide Show, then press OK.
4. Press ▲▼ to choose Preview Slide Show, then press OK.

   Each picture/video is displayed once. To interrupt the slide show, press OK.

IMPORTANT: *Your camera offers a built-in Help system. See page 35.*

Play a slide show loop

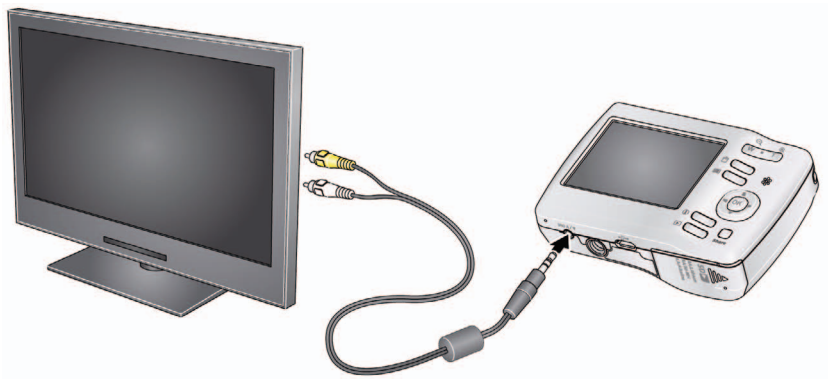
When you turn on Loop, the slide show is continuously repeated.

1. On the Slide Show menu, press ▲▼ to choose Loop, then press OK.
2. Press ▲▼ to choose On, then press OK.
3. Press ▲▼ to choose Preview Slide Show, then press OK.

   The slide show repeats until you press OK or until the batteries are exhausted.

Displaying pictures/videos on a television

You can display pictures/videos on a television, computer monitor, or any device equipped with a video input. To connect the camera directly to a television, use an A/V cable (may be sold separately).



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NOTE: To control the audio portion of a video, use the TV (or TV remote control) volume controls. Ensure that the Video Out setting (NTSC or PAL) is correct (see page 29). The slide show stops if you connect or disconnect the cable while the slide show is running. (Image quality on a television screen may not be as good as on a computer monitor or when printed.)

Using the menu button in review

1 Press the Review button, then press the Menu button.

2 Press ◀ ▶ to choose a tab:

- **Review**
- **Edit**
- **Setup**

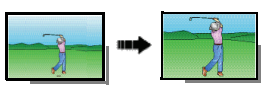
3 Press ▲ ▼ to choose a setting, then press OK.

4 Choose an option, then press OK.

IMPORTANT: *Your camera offers a built-in Help system.* *See page 35.*

Cropping pictures

You can crop a picture so that only the desired portion of the picture remains.



Picture Cropped picture

1 Press the Review button, then ◀ ▶ to find a picture to crop.

2 Press the Menu button, then ◀ ▶ to choose the Edit tab. Choose Crop, then press OK.

3 Press Telephoto (T) to shrink the crop area or Wide (W) to enlarge it. Press ◀ ▶ ▲ ▼ to move the crop box. When satisfied with the crop box, press OK.

4 Follow the screen prompts.

The picture is cropped. (The original is saved.) Cropped pictures cannot be cropped again on the camera. To return to picture-taking mode, press the Review button.

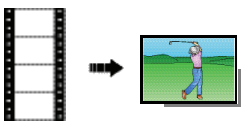
IMPORTANT: *Your camera offers a built-in Help system.* *See page 35.*

Editing videos

You can do incredible things with your videos.

Making a picture from a video

You can choose a single frame from a video, then make a picture suitable for a 4 x 6-inch (10 x 15 cm) print.



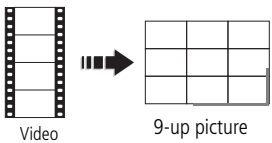
1. Press the Review ▶ button, then ◀ ▶ to find a video.
2. Press the Menu ☰ button, then ◀ ▶ to choose the Edit tab. Choose Make Picture, then press OK.
3. Follow the screen prompts.

   A picture is created. (The original video is saved.) To return to picture-taking mode, press the Review ▶ button.

IMPORTANT: *Your camera offers a built-in Help system.* *See page 35.*

Making a video action print

From a video, you can make a 9-up picture, suitable for a 4 x 6-inch (10 x 15 cm) print.



1. Press the Review ▶ button, then ◀▶ to find a video.
2. Press the Menu ☰ button, then ◀▶ to choose the Edit tab. Choose Action Print, then press OK.
3. Choose an option, then press OK.

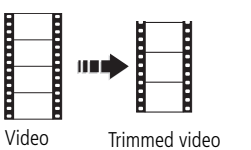
   Auto—The camera includes the first and last frames, then 7 equally spaced frames.

   Manual—Choose the first and last frames; the camera chooses 7 equally spaced frames.

   A 9-up picture is created. To return to picture-taking mode, press the Review ▶ button.

Trimming a video

You can remove an unwanted start or end from a video, saving only the desired portion.

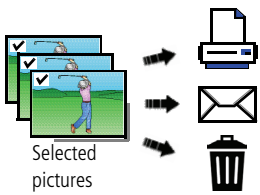


1. Press the Review ▶ button, then ◀▶ to find a video.
2. Press the Menu ☰ button, then ◀▶ to choose the Edit tab. Choose Trim, then press OK.
3. Follow the screen prompts.

   The video is trimmed. (You can save it as a new video or replace the original.) To return to picture-taking mode, press the Review ▶ button.

Selecting multiple pictures/videos

Use the multi-select feature when you have two or more pictures/videos to print, transfer, delete, etc. Multi-select is used most effectively with thumbnails, page 18.



1 Press the Review ▶ button, then ◀▶ (and ▲▼ if you're in multi-up mode) to find a picture/video.

2 Press OK to select pictures/videos.

A check mark appears on the picture. (Press OK again to remove a check mark.) You can now print, transfer, delete, etc. the selected pictures.

Copying pictures/videos

You can copy pictures/videos from a card to internal memory or from internal memory to a card.

Copy pictures/videos:

1 Press the Review ▶ button, then ◀▶ to find a picture. (You can also use multi-select. See Selecting multiple pictures/videos.)

2 Press the Menu ☰ button, then ◀▶ to choose the Edit tab.

3 Press ▲▼ to choose Copy, then press OK. Choose an option, then press OK.

NOTE: Pictures/videos are copied, not moved. To remove pictures/videos from the original location after copying, delete them (see page 16).

IMPORTANT: *Your camera offers a built-in Help system. See page 35.*

5 Doing more with your camera

IMPORTANT: *Your camera offers a built-in Help system. To get the most from your camera, see page 35.*

Using the menu button to change settings

You can change settings to get the best results from your camera.

NOTE: Some modes offer limited settings. Some settings remain until you change them; others, until you change modes or turn off the camera.

1 Press the Menu button.

2 Press ◀▶ to choose a tab:

- **Capture/Video** for the most common picture- and video-taking settings
- **Setup** for other camera settings

3 Press ▲▼ to choose a setting, then press OK.

4 Choose an option, then press OK.

Using the capture tab

Settings	More information
Picture Size Choose a picture resolution.	See Camera Specifications, starting on page 40.
Self-timer Choose Self-timer feature.	See Camera Specifications, starting on page 40.
Preset Keyword Tag Create keyword names and assign them to pictures/videos. See page 14.	**New Keyword** **Delete Keyword**

Settings	More information
Exposure Compensation Make a picture lighter or darker. To access this feature with a shortcut, see page 10.	See Camera Specifications, starting on page 40.
ISO Speed Control the camera sensitivity to light.	See Camera Specifications, starting on page 40.
Long Time Exposure Choose how long the shutter stays open (normally in low-light conditions). For best results, place the camera on a tripod or steady surface.	See Camera Specifications, starting on page 40.
Color Mode Choose color tones. Unavailable in Video and Auto modes.	See Camera Specifications, starting on page 40.
White Balance Choose your lighting condition.	**Auto—**Automatically corrects white balance. Ideal for general picture taking. **Daylight—**For pictures in natural lighting. **Tungsten—**Corrects the orange cast of incandescent light bulbs. Ideal for indoor pictures under tungsten or halogen lighting without flash. **Fluorescent—**Corrects the green cast of fluorescent lighting. Ideal for indoor pictures under fluorescent lighting without flash. **Open Shade—**For pictures in shade in natural lighting.
Sharpness Control picture sharpness or softness.	See Camera Specifications, starting on page 40.

Video settings

IMPORTANT: *Your camera offers a built-in Help system.* *See page 35.*

Settings	More information
Self-timer Choose Self-timer feature.	**Off** **10 Seconds** **2 Seconds**

Using the Setup menu

Use Setup to customize other camera settings.

IMPORTANT: *Your camera offers a built-in Help system.* *See page 35.*

Settings	More information
Date & Time	Set date and time.
LCD Brightness Choose LCD brightness during picture/video capture.	**High Power—**Brighter LCD; uses more battery power. **Power Save—**Dimmer LCD; uses less power.
Share Button Settings Choose what is displayed when the Share button is pressed in Review.	Show or hide: ■ Individual social networking sites ■ E-mail addresses (all or none) ■ KODAK Digital Frames (all or none)
Video Out Choose the regional setting that lets you connect the camera to a television or other external device.	**NTSC—**Used in North America and Japan; most common format. **PAL—**Used in Europe and China.

Settings	More information
Image Storage Choose a storage location for pictures/videos.	**Auto—**The camera uses the card if one is in the camera. If not, the camera uses internal memory. **Internal Memory—**The camera always uses internal memory, even if a card is installed.
Language	Choose your language.
Reset Camera Reset settings to their default.	**Reset All Camera Settings—**Settings revert to their factory defaults. **Reset Startup Application—**Resets camera to startup mode to allow KODAK Software download.
Format **CAUTION:** **Formatting deletes all pictures/videos, including those that are protected. Removing a card during formatting may damage the card.**	**Memory Card—**Deletes everything on the card; formats the card. **Cancel—**Exits without making a change. **Internal Memory—**Deletes everything in internal memory including email addresses and keyword tags; formats the internal memory.
KODAK Camera Software View URL to download KODAK Software.	
About View camera information.	

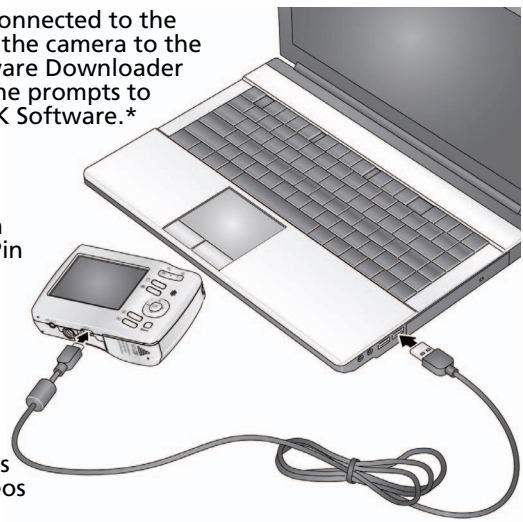
6 Transferring, printing pictures

Download KODAK Software—so it's easy to transfer and share pictures and videos.

Make sure the computer is connected to the Internet. When you connect the camera to the computer, the KODAK Software Downloader automatically runs. Follow the prompts to download and install KODAK Software.*

1. Turn off the camera.
2. Use the KODAK Camera USB Cable, Micro B / 5-Pin to connect camera to computer. (Use only the cable included with this camera!)
3. Turn on the camera.

After the software is installed, follow the prompts to transfer pictures and videos to your computer.



* If the KODAK Software Downloader doesn't run, find and launch it here:
  - WINDOWS OS: in My Computer
  - MAC OS: on your Desktop

NOTE: You can also use a card reader to transfer pictures/videos.

Download KODAK Software later	www.kodak.com/go/camerasw
Get Software help	www.kodak.com/go/support
To use this camera on more than one computer, use the Reset Startup Application feature	see page 30

Printing pictures

Direct printing with a KODAK All-in-One Printer

Your camera is compatible with PICTBRIDGE Technology, so you can print directly to PICTBRIDGE enabled Printers. You need a camera, a PICTBRIDGE enabled Printer, and a USB cable.

Connecting the camera to a KODAK All-in-One Printer

1 Turn off the camera and printer.

2 Connect the USB cable from the camera to the printer.

Printing from a KODAK All-in-One Printer

1 Turn on the printer. Turn on the camera.

The PictBridge logo is displayed, followed by the current picture and menu. (If no pictures are found, a message is displayed.) If the menu turns off, press any button to redisplay it.

2 Choose a printing option, then press OK.

Current Picture—Press ◀ ▶ to choose a picture.

Tagged Pictures—If your printer is capable, print pictures that you marked for printing.

Index Print—Print thumbnails of all pictures. (This option requires one or more sheets of paper.)

All Pictures—Print all pictures in internal memory or on a card.

Image Storage—Access Auto or Internal Memory.

NOTE: During direct printing, pictures are not permanently transferred or saved to the printer. To transfer pictures to your computer, see page 31.

Purchase cables, accessories www.kodak.com/go/cd22accessories

Disconnecting the camera from a KODAK All-in-One Printer

1 Turn off the camera and printer.

2 Disconnect the USB cable from the camera and the printer.

Ordering prints online

KODAK Gallery (www.kodakgallery.com) makes it easy to:

- Upload your pictures.
- Edit, enhance, and add borders to your pictures.
- Store pictures, and share them with family and friends.
- Have prints, photo greeting cards, frames, and albums delivered to your door.

Printing from an optional SD or SDHC Card

- Automatically print tagged pictures when you insert your card into a printer with an SD/SDHC Card slot. See your printer user's guide for details.
- Make prints at an SD/SDHC Card-capable KODAK Picture Kiosk. Go to www.kodak.com/go/picturemaker.
- Take the card to your local photo retailer for professional printing.

Marking your pictures for print

1 Press the Review ▶ button. Press ◀▶ to find a picture.

2 Press the Menu ☰ button.

3 Press ▲▼ to choose Print, then press OK.

4 Press ▲▼ to choose the number of copies.

Optional: You can apply a print quantity to other pictures. Press ◀▶ for previous/next. Repeat this step until the desired print quantity is applied to each picture.

5 Press OK.

To return to picture-taking mode, press the Review ▶ button.

IMPORTANT: *Your camera offers a built-in Help system.* *See page 35.*

7 Troubleshooting

Getting help from your camera

Your camera offers a built-in Help system. It describes every setting for every menu choice. If you learn nothing else about your camera, learn how to use on-camera Help.

Turning on camera Help

1. Press the Menu button, then make a menu choice.
2. Press the Info button.

   ▲▼ Scroll through a Help topic.

Troubleshooting

Camera problems

Status	Solution
Camera does not turn on Camera does not turn off Camera buttons and controls do not function	■ Make sure the batteries are installed correctly (see page 1). ■ Make sure batteries are new. If batteries are rechargeable, make sure they are fully charged (see charger documentation).
In Review, a blue or black screen is displayed instead of a picture	■ Transfer *all* pictures to the computer (see page 31). ■ Take another picture.
Pictures remaining number does not decrease after taking a picture	■ Continue taking pictures. The camera is operating normally. (The camera estimates the number of pictures remaining after each picture is taken, based on picture size and content.)
Flash does not fire	■ Check the flash setting, and change as needed (see page 7). NOTE: The flash does not fire in all modes.
Memory card is almost or entirely full	■ Transfer the pictures to the computer (see page 31). ■ Delete pictures from the card (see page 16) or insert a new card.
Battery life is short	■ Make sure the correct battery type is installed (see page 44). ■ Insert new/charged batteries (see page 1). ■ See Extending battery life, page 44.

Status	Solution
You cannot take a picture	■ Turn the camera off, then on again. ■ Depress the Shutter button all the way (see page 4). ■ Insert new/charged batteries in the correct orientation (see page 1). ■ Memory is full. Transfer pictures to the computer (see page 31), delete pictures (see page 16), or insert another card.
Memory card not recognized or camera freezes with card	■ Remove and reinsert the card (see page 3). IMPORTANT: *Insert a card until it clicks.* ■ Card may be corrupted. Format the card in the camera (see page 30). ■ Use another memory card. Only SD or SDHC Cards are supported.
Cannot find the desired picture/video	■ To view pictures on a card or in internal memory, see page 16.

Computer/connectivity problems

Status	Solution
Slide Show does not run on an external video device	■ Adjust the camera Video Out setting (see page 29). ■ Make sure the external device settings are correct. (See the device's user guide).
Computer does not communicate with the camera	■ Turn off the camera, then turn it back on. ■ Make sure the batteries are charged and installed correctly (see page 1). ■ Make sure the KODAK Camera USB Cable, Micro B / 5-Pin is connected to the camera and directly to the computer (not through a USB hub). See page 31. Then turn on the camera. IMPORTANT: *Use only the cable included with this camera!* ■ See KODAK Software Help at www.kodak.com/go/camerasw.

Picture quality problems

Status	Solution
Picture is not clear	■ Clean the lens (see page 42). ■ Place the camera on a flat, steady surface or use a tripod (especially in low light). ■ Use a larger picture size (see page 27). ■ If you're manually adjusting the ISO speed, realize that a high ISO setting may cause grainy pictures (see page 28).
Picture is too dark	■ Reposition the camera for more available light. ■ Use Fill flash (see page 7) or change your position so light is not behind the subject. ■ Move so that the distance between you and the subject is within the effective flash range. (See Camera Specifications starting on page 40.)
Picture is too light	■ Reposition the camera to reduce the amount of available light. ■ Turn the flash off (see page 7). ■ Move so that the distance between you and the subject is within the effective flash range. (See Camera Specifications starting on page 40.)

Direct printing (PICTBRIDGE enabled printer) problems

Status	Solution
Cannot find the desired picture	■ Use the Direct printing menu to change the image storage location.
The Direct printing menu interface turns off	■ Press any camera button to redisplay the menu.
Cannot print pictures	■ Make sure there is a connection between the camera and the printer (see page 32). ■ Make sure the printer and the camera have power.

Status	Solution
Camera or printer displays an error message	■ Follow the prompts to resolve the issue.

Getting help on the Web

Camera

Get support for your product (FAQs, troubleshooting information, arrange for repairs, etc.)	www.kodak.com/go/cd22support
See step-by-step solutions and repair information	www.kodak.com/go/itg
Purchase camera accessories	www.kodak.com/go/cd22accessories
Download the latest camera firmware and software	www.kodak.com/go/cd22downloads
See online demonstrations of your camera	www.kodak.com/go/howto
Register your camera	www.kodak.com/go/register
Chat, email, write, or phone Kodak (Chat not available in all languages)	www.kodak.com/go/contact

Software

Download and get Help with other KODAK Software	www.kodak.com/go/camerasw
Download KODAK EASYSHARE Software	www.kodak.com/go/easysharesw (or see Help in EASYSHARE Software)
Get help with the WINDOWS OS and working with digital pictures	www.kodak.com/go/pcbasics

Other

Get support for cameras, software, accessories, more	www.kodak.com/go/support
Get information on KODAK All-in-One Printers	www.kodak.com/go/inkjet

8 Appendix

Camera specifications

CCD—1/2.5-type

Effective pixels—8.1 MP (3304 x 2480)

LCD—2.4 in. (6.1 cm) LCD; 112 pixels; 4:3 aspect ratio

Image storage—Optional SD/SDHC Card (The SD logo is a trademark of the SD Card Association.) Maximum supported card size: 32 GB

Internal storage capacity—16 MB internal memory (8.5 MB available for image storage. 1 MB equals one million bytes.)

Taking lens—f/4.5; 35 mm equivalent: 38 mm

Lens protection—Built-in

Digital zoom—5X continuous

Shutter speed—1/8–1/1400 seconds

Long time exposure—0.5–8 seconds

ISO speed—Auto: 80–250; Manual: 80, 100, 200, 400, 800, 1000

Exposure compensation—+/-2.0 EV with 1/3 EV step

White Balance—Auto, Daylight, Tungsten, Fluorescent, Open Shade

Electronic Flash—Auto flash; Auto, Fill, Red Eye, Off; Guide No. 7 (m); working range @ ISO 250: 0.3–2.4 m (1–7.9 ft) @ wide

Self-timer mode—10 second, 2 second, 2 picture timer

Capture modes—Auto, Scene modes, Video

Image file format—

Still: EXIF 2.21 (JPEG compression); file organization DCF
Video: QUICKTIME (CODEC Motion JPEG; audio: μ-Law)

Picture size—8 MP (4:3): 3264 x 2448 pixels
7 MP (3:2): 3264 x 2176 pixels
6 MP (16:9): 3264 x 1836 pixels
5 MP (4:3): 2592 x 1944 pixels
3 MP (4:3): 2048 x 1536 pixels
2 MP (16:9): 1920 x 1080 pixels
1 MP (4:3): 1280 x 960 pixels

Color modes—High Color, Natural Color, Low Color, Black & White, Sepia

Sharpness modes—Sharp, Normal, Soft

Video capture—4 GB maximum; VGA (640 x 480 @ 30 fps)

Communication with computer—USB 2.0 full speed (PIMA 15740 protocol); via KODAK Camera USB Cable, Micro B / 5-Pin

Video output—NTSC or PAL

Microphone—Yes

Beeper—Yes

PICTBRIDGE support—Yes

Power—KODAK MAX Alkaline Batteries AA; KODAK Ni-MH Rechargeable Digital Camera Batteries AA; KODAK Ni-MH Rechargeable Digital Camera Batteries AA

Tripod mount—1/4 inch

Size—89.9 x 61.8 x 28.6 mm (3.5 x 2.4 x 1.1 in.) @ power off

Weight—145 g (5.1 oz) with batteries and card

Operating temperature—0–40° C (32–104° F)

Care and maintenance

- If you suspect water has gotten inside the camera, remove the batteries and card. Allow all components to air-dry for at least 24 hours before using the camera.
- Blow gently on the lens or LCD to remove dust and dirt. Wipe gently with a soft, lint-free cloth or an untreated lens-cleaning tissue. Do not use cleaning solutions unless designed specifically for camera lenses. Do not allow chemicals, such as suntan lotion, to contact painted surfaces.
- Service agreements may be available in your country. Contact a dealer of KODAK Products for more information.
- For digital camera disposal or recycling information, contact your local authorities. In the US, go to the Electronics Industry Alliance site at www.eiae.org or Kodak at www.kodak.com/go/cd22support.

Upgrading your software and firmware

Download the latest versions of KODAK Software and the camera firmware (the software that runs on the camera). Go to www.kodak.com/go/cd22downloads.

Storage capacities

The LCD displays the approximate number of pictures (or minutes/seconds of video) remaining. For average SD Card capacities, go to www.kodak.com/go/SDcapacities. Actual storage capacity varies depending on subject composition, card size, and other factors. You may be able to store more or fewer pictures and videos.

Important safety instructions

CAUTION:

Do not disassemble this product; there are no user-serviceable parts inside. Refer servicing to qualified service personnel. KODAK AC Adapters and Battery Chargers are intended for indoor use only. The use of controls, adjustments, or procedures other than those specified herein may result in exposure to shock and/or electrical or mechanical hazards. If the LCD breaks, do not touch the glass or liquid. Contact Kodak customer support.

- The use of an accessory that is not recommended by Kodak may cause fire, electric shock, or injury. For approved accessories, go to www.kodak/go/accessories.
- Use only a USB-certified computer equipped with a current-limiting motherboard. Contact your computer manufacturer if you have questions.
- If using this product in an airplane, observe all instructions of the airline.
- When removing the batteries, allow them to cool; they may be hot.
- Follow all warnings and instructions supplied by the battery manufacturer.
- Use only batteries approved for this product to avoid risk of explosion.
- Keep batteries out of the reach of children.
- Do not allow batteries to touch metal objects, including coins. Otherwise, a battery may short circuit, discharge energy, become hot, or leak.
- Do not disassemble, install backward, or expose batteries to liquid, moisture, fire, or extreme temperature.
- Remove the batteries when the product is stored for an extended period of time. In the unlikely event that battery fluid leaks inside the product, contact Kodak customer support.
- In the unlikely event that battery fluid leaks onto your skin, wash immediately with water and contact your local health provider. For additional health-related information, contact your local Kodak customer support.

- Go to www.kodak.com/go/reach for information about the presence of substances included on the candidate list according to article 59(1) of Regulation (EC) No. 1907/2006 (REACH).
- Dispose of batteries according to local and national regulations. Go to www.kodak.com/go/kes.
- Do not charge non-rechargeable batteries.

  For more information on batteries, go to www.kodak.com/go/batterychart.

Battery replacement, battery life

KODAK MAX Alkaline Batteries AA: 250 pictures. Battery life per CIPA testing method. (Approx. number of pictures in Auto mode, using an SD Card.) Actual life may vary based on usage. For other compatible batteries, see the Power section in Camera specifications, page 40.

Extending battery life

- Charge Ni-MH batteries when they are nearly depleted.
- Dirt on the battery contacts can affect battery life. Wipe the contacts with a clean, dry cloth before loading batteries in the camera.
- Battery performance is reduced at temperatures below 41° F (5° C). When using your camera in cold weather, carry spare batteries and keep them warm. Do not discard cold batteries that do not work; when they return to room temperature, they may be usable.

Limited warranty

Kodak warrants its digital cameras and accessories (excluding batteries) to be free from malfunctions and defects in both materials and workmanship for the warranty period specified on your KODAK Product packaging. Retain the original dated sales receipt. Proof of purchase date is required with any request for warranty repair.

Limited warranty coverage

Warranty service is only available from within the country where the Products were originally purchased. You may be required to ship Products, at your expense, to the authorized service facility for the country where the Products were purchased. Kodak will repair or replace Products if they fail to function properly during the warranty period, subject to any conditions and/or limitations stated herein. Warranty service will include all labor as well as any necessary adjustments and/or replacement parts. If Kodak is unable to repair or replace a Product, Kodak will, at its option, refund the purchase price paid for the Product provided the Product has been returned to Kodak along with proof of the purchase price paid. Repair, replacement, or refund of the purchase price are the sole remedies under the warranty. If replacement parts are used in making repairs, those parts may be remanufactured, or may contain remanufactured materials. If it is necessary to replace the entire Product, it may be replaced with a remanufactured Product. Remanufactured Products, parts and materials are warranted for the remaining warranty term of the original Product, or 90 days after the date of repair or replacement, whichever is longer.

Limitations

This warranty does not cover circumstances beyond Kodak's control. This warranty does not apply when failure is due to shipping damage, accident, alteration, modification, unauthorized service, misuse, abuse, use with incompatible accessories or attachments (such as third party ink or ink tanks), failure to follow Kodak's operation, maintenance or repacking instructions, failure to use items supplied by Kodak (such as adapters and cables), or claims made after the duration of this warranty. Kodak makes no other express or implied warranty for this product. In the event that the exclusion of any implied warranty is ineffective under the law, the duration of the implied warranty will be the length of the express warranty period specified on your Kodak product packaging. The option of repair, replacement, or refund is Kodak's only obligation. Kodak will not be responsible for any special, consequential or incidental damages resulting from the sale, purchase, or use of this product regardless of the cause. Liability for any special, consequential or incidental damages (including but not limited to loss of revenue or profit, downtime costs, loss of the use of the equipment, cost of substitute equipment, facilities or services, or

claims of your customers for such damages resulting from the purchase, use, or failure of the Product), regardless of cause or for breach of any written or implied warranty is expressly disclaimed. The limitations and exclusions of liability set forth herein apply to both Kodak and its suppliers.

Your rights

Some states or jurisdictions do not allow exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states or jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific rights, and you may have other rights which vary from state to state or by jurisdiction.

Outside the United States and Canada

In countries other than the United States and Canada, the terms and conditions of this warranty may be different. Unless a specific Kodak warranty is communicated to the purchaser in writing by a Kodak company, no warranty or liability exists beyond any minimum requirements imposed by law, even though defect, damage, or loss may be by negligence or other act.

Regulatory compliance

FCC compliance and advisory

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 or 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: 1) reorient or relocate the receiving antenna; 2) increase the separation between the equipment and the

receiver; 3) connect the equipment to an outlet on a circuit different from that to which the receiver is connected;
4) consult the dealer or an experienced radio/TV technician for additional suggestions. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Where shielded interface cables have been provided with the product or specified additional components or accessories elsewhere defined to be used with the installation of the product, they must be used in order to ensure compliance with FCC regulation.

Waste Electrical and Electronic Equipment/Battery disposal

In Europe: For human/environmental protection, it is your responsibility to dispose of this equipment and batteries at a collection facility established for this purpose (separate from municipal waste.) For more information, contact your retailer, collection facility, or appropriate local authorities; or go to www.kodak.com/go/recycle. Product weight: 145 g (5.1 oz) with batteries and card.

Canadian DOC statement

DOC Class B Compliance—This Class B digital apparatus complies with Canadian ICES-003.

Observation des normes-Classe B—Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

CE

Hereby, Eastman Kodak Company declares that this KODAK Product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Russian GOST-R

Eastman Kodak Company
Rochester, NY 14650
Фотокамера изготовлена в Китае; остальные элементы - в соответствии с маркировкой.

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