# Kodak EasyShare Z710 zoom digital camera

# User's guide

www.kodak.com

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

For help with your camera, www.kodak.com/go/z710support

# Kodak

# Front view
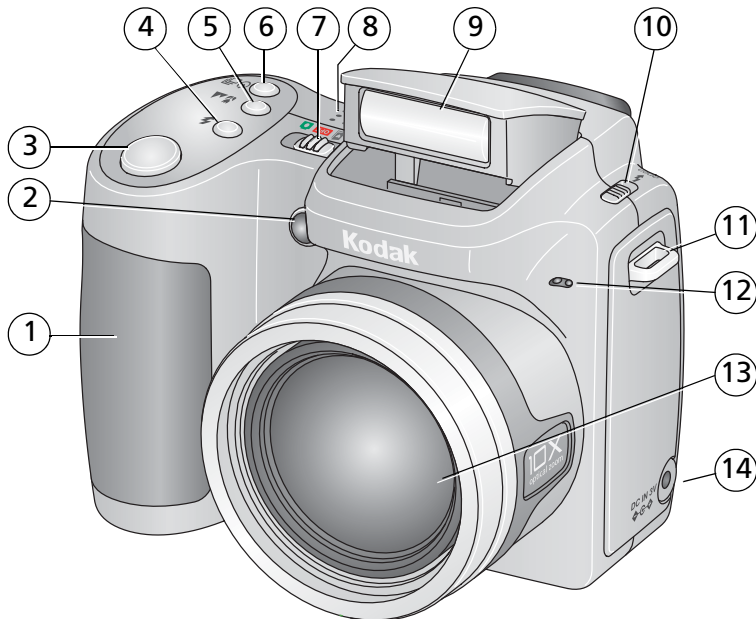


| | | | |
|---|---|---|---|
| 1 | Grip | 8 | Speaker |
| 2 | Low-light assist, Self-timer light | 9 | Flash |
| 3 | Shutter button | 10 | Open Flash switch |
| 4 | Flash button | 11 | Neck strap post |
| 5 | Close-up/Landscape button | 12 | Microphone |
| 6 | Self-timer/Burst button | 13 | Lens |
| 7 | Power/Favorites switch | 14 | DC-In (3V) ◆⊖◆ ,for **optional** AC adapter |

# Back view
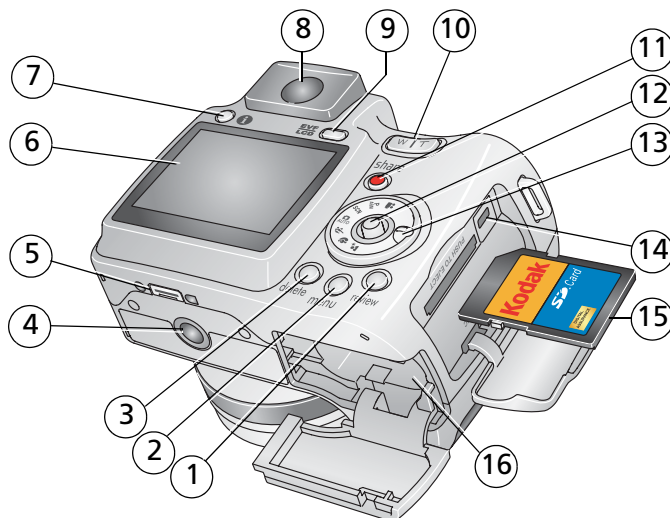


1   Review button
2   Menu button
3   Delete button
4   Tripod socket
5   Dock connector
6   LCD
7   Info button 🛈
8   EVF (Electronic viewfinder)

9   EVF/LCD button
10  Zoom (Wide Angle/Telephoto)
11  Share button
12  Joystick/OK button
13  Mode dial
14  USB, A/V Out ●⟨⟶
15  Optional SD or MMC card
16  Battery compartment

# Table of contents

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# 1 **Setting up your camera**

## Installing the software

IMPORTANT: *Before connecting any cables, install the software that was included with your camera. For details, see Transferring and printing pictures, page 40.*

Follow the on-screen instructions.
We recommend Complete or Easy Install.

## Attaching the lens cap and strap

# Loading the batteries





| CRV3 lithium (non-rechargeable) | Ni-MH | 2 AA lithium or Ni-MH |
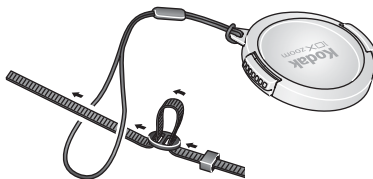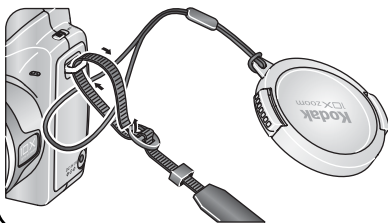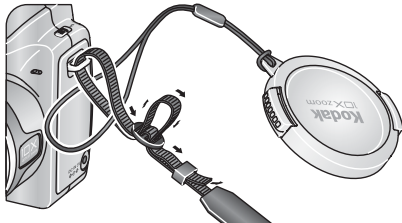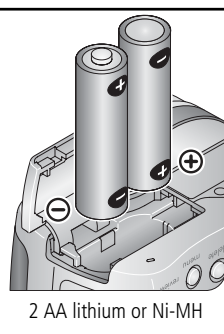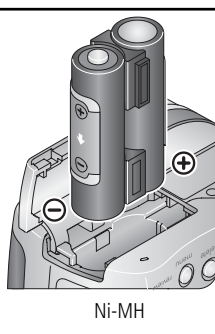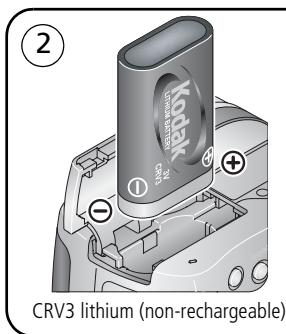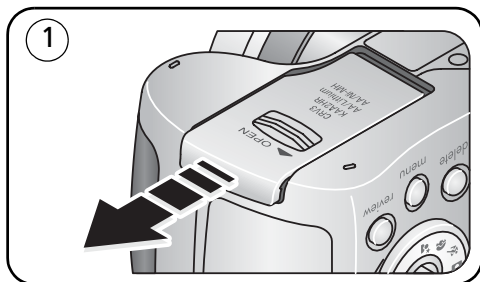
To replace batteries and extend battery life, see page 57.

To recharge rechargeable batteries, see page 58.

# Turning on the camera
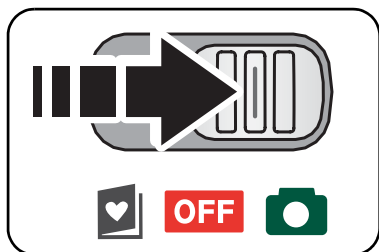


# Setting the language and date/time



**Language:**
1  ▲/▼ to change.
2  OK  to accept.

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

OK
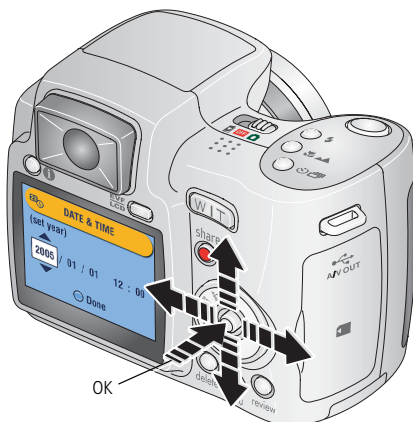
To set the language and date/time at a later time, see Date & Time in the table that starts on page 35.

# Storing pictures on an SD or MMC card

Your camera has internal memory. You can purchase SD or MMC cards to store more pictures and videos. (Visit www.kodak.com/go/z710accessories. See page 55 for storage capacities.)

NOTE: When using the card for the first time, format it in this camera before taking pictures. (See Format in the table that starts on page 35.) We recommend Kodak SD or MMC cards.

Notched corner
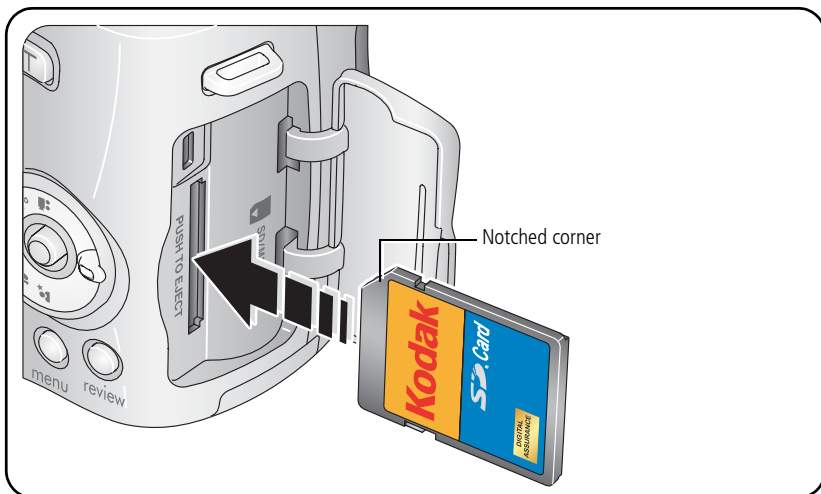
⚠ **CAUTION:**

**A card can only be inserted one way; forcing it may cause damage. Inserting or removing a card when the ready light is blinking may damage pictures, card, or camera.**

# 2 | **Taking pictures/videos**

## Taking a picture
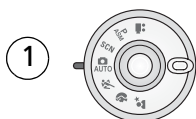


① 

② Press the EVF/LCD button to turn on:
- LCD or
- EVF (electronic viewfinder)

EVF
LCD

③ Press the Shutter button halfway to focus and set exposure.

When the AF/AE indicator turns green, press the Shutter button completely down.

**AF/AE indicator:**
🟢 Green—successful
🔴 Red—failed
**AF** Failed focus
**AE** Failed exposure
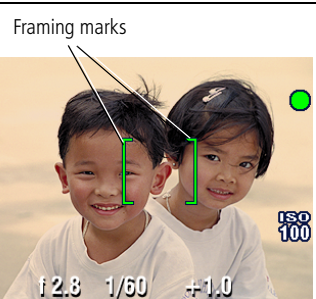
NOTE: After you take a picture, the EVF/LCD displays a quickview for approximately 5 seconds. The picture is saved unless you press the Delete button.

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## Using the auto-focus framing marks (pictures)

When using the LCD or EVF as a viewfinder, framing marks indicate the camera focus area. The camera attempts to focus on foreground subjects, even if the subjects are not centered in the scene.

**1** Press the Shutter button **halfway**.

*When the framing marks turn green, focus is accomplished.*

| While the shutter button is pressed halfway: | |
|---|---|
| Framing marks | Center focus |
| | Center wide focus |
| | Side focus |
| | Center/side focus |
| | Left/right focus |

**2** If the camera is not focusing on the desired subject (or if the framing marks disappear), release the Shutter button and recompose the scene.

**3** Press the Shutter button **completely down** to take the picture.

NOTE: Framing marks do not appear in all modes. When you use Focus Zone and set Center Zone, the framing marks are fixed at Center Wide.

## Taking a video
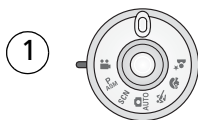


① 

② Press the EVF/LCD button to turn on:
• LCD or
• EVF (electronic viewfinder)

EVF
LCD

③ Press the Shutter button completely down and release.
To stop recording, press and release the Shutter
button again.
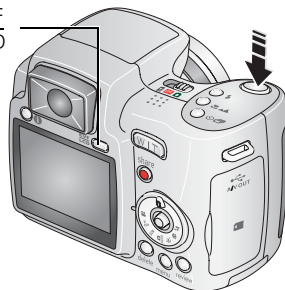
NOTE: After you take a video, the EVF/LCD displays a quickview for approximately 5 seconds.
To play/pause the video during the quickview, press the OK button. The video is saved unless you
press the Delete button.

# Using optical zoom

Use optical zoom to get up to 10X closer to your subject. Optical zoom is effective when the lens is no closer than 24 in. (60 cm) to the subject or 5 in. (13 cm) in Close-up mode. You can change optical zoom before (but not during) video recording.



**Zoom indicator**

Optical zoom range

Digital zoom range

W   T   D
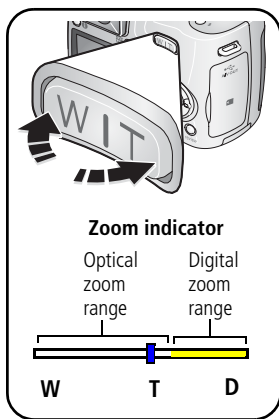
**1** Use the viewfinder or LCD to frame your subject.

**2** Press Telephoto (T) to zoom in. Press Wide Angle (W) to zoom out.

*The zoom indicator shows zoom status.*

**3** Take the picture or video.

## Using digital zoom

Use digital zoom in any Still mode to get up to 5X magnification beyond optical zoom.

**1** Press the Telephoto (T) button to the optical zoom limit (10X). Release the button, then press it again.

*The zoom indicator shows zoom status.*

**2** Take the picture or video.

NOTE: You cannot use digital zoom for video recording. You may notice decreased image quality when using digital zoom. The blue slider on the zoom indicator pauses and turns red when the picture quality reaches the limit for an acceptable 4 x 6-in. (10 x 15 cm) print.

# Using the flip-up flash

Use the flash when you take pictures at night, indoors, or outdoors in heavy shadows. Make sure you are within flash range.



The flash unit must be open to use the flash and to change flash modes.
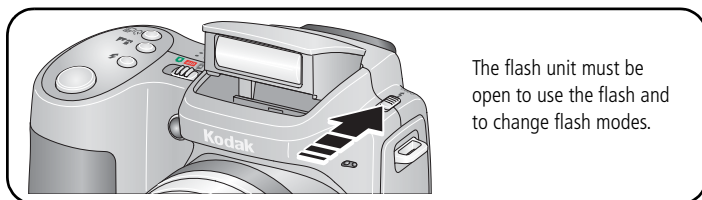
To change flash settings, see page 25. To turn off the flash, close it.

| Flash-to-subject distance | |
|---|---|
| **Zoom position** | **Flash distance** |
| Wide angle | 2–16.1 ft (0.6–4.9 m) |
| Telephoto | 6.6–12.1 ft (2.0–3.7 m) |

# Using the info button

In picture-taking mode, repeatedly press Info button 🛈 to turn on/off status icons and histogram.

In Review, repeatedly press Info button 🛈 to turn on/off status icons, histogram, and picture/video information.



Info 🛈
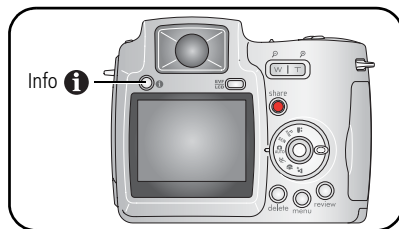
# What the capture icons mean

## Capture modes—no buttons pressed

Self-timer
Flash
Picture size
Landscape/Close-up
Pictures/time remaining
Date stamp
Storage location
Album name
AF mode
Zoom
Focus zone
Exposure metering
Histogram
White Balance
ISO
Low battery
PASM Setting
Camera mode
Aperture
Shutter speed
Exposure compensation
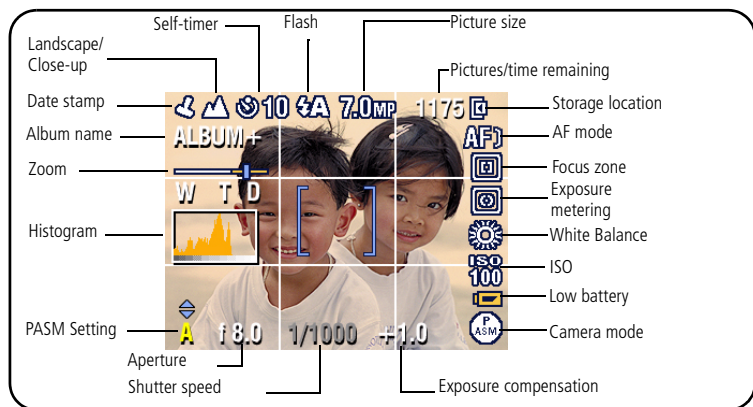
## Capture modes—shutter pressed halfway

Slow shutter speed warning
Open flash reminder
**Open Flash**
Auto Focus/Auto Exposure (AF/AE indicator)
AF
AE
ISO
Aperture
Shutter speed
Exposure compensation
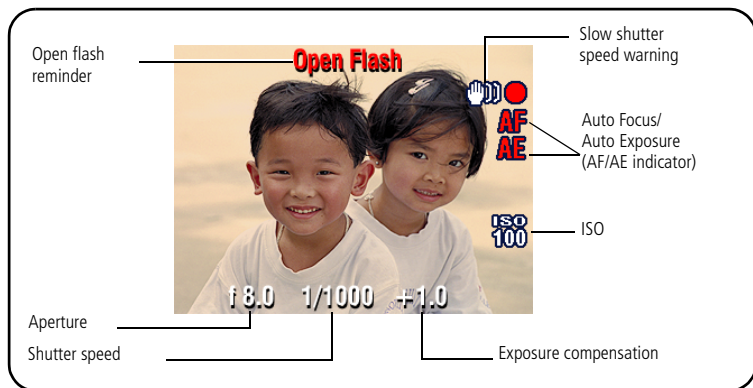
# 3 Working with pictures/videos

## Reviewing pictures and videos

Press the Review button to view and work with your pictures and videos.

① Press Review.
(Press again to exit.)

② ◀/▶ for previous/next.

**Videos:**

OK    Play/pause.

▲/▼   Adjust the volume.

◀     Rewind to beginning (during playback).

▶     Next picture/video (during playback).

NOTE: Pictures taken at the 6.3 MP (3:2) picture size are displayed at a 3:2 aspect ratio with a black bar at the top of the screen. A video's duration is displayed at the top of the LCD.

## Magnifying a picture

① W/T      Magnify 1X - 8X.

② ◀/▶ ▲/▼   View other parts of the picture.

③ OK       Return to 1X.

# Viewing multi-up (thumbnails)
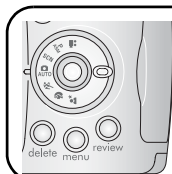
| | | |
|---|---|---|
| 1 | ▼ | View multi-up thumbnails. |
| 2 | ▲/▼ ◀/▶ | View previous/next row or thumbnail. |
| 3 | OK | View single picture. |

# What the review icons mean

Print tag/number of prints

Favorite tag

Email tag

Protected

Picture/video number

Image storage location



Scroll arrows

Review mode

Video length

Favorite tag

Email tag

Protected

Picture/video number

Image storage location



Play or Pause

Scroll arrows

Review mode

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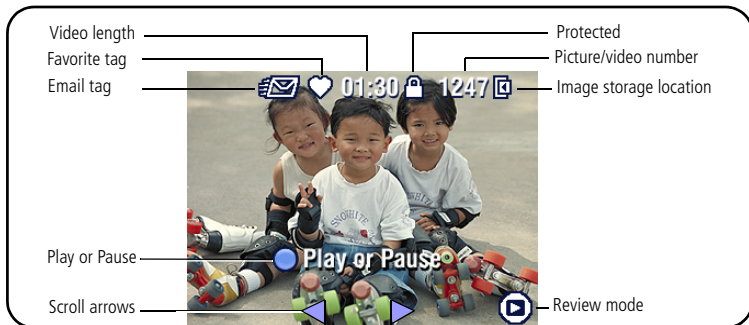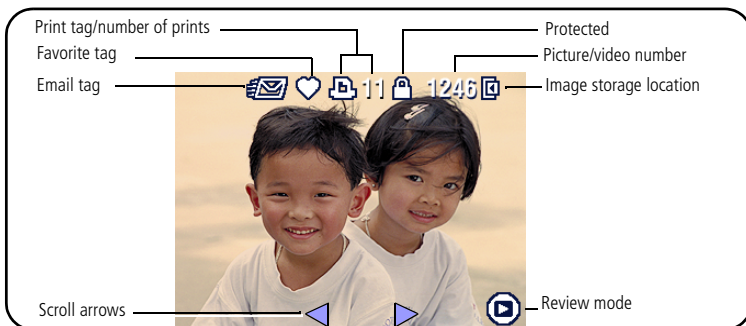
# Deleting pictures and videos

1. Press Review.
2. ◀ / ▶ View previous/next.
3. Press Delete.
4. Follow the screen prompts.

**PICTURE or VIDEO—**deletes the displayed picture or video.

**EXIT—**exits the Delete screen.

**ALL—**deletes all pictures and videos from your current storage location.

NOTE:  To delete protected pictures and videos, remove protection before deleting.

## Protecting pictures and videos from deletion
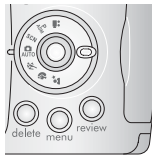
1. Press Review.
2. ◀ / ▶ View previous/next.
3. Press Menu.
4. ▲ / ▼ Highlight Protect, then press OK.

*The picture or video is protected and cannot be deleted. The Protect icon* 🔒 *appears with the protected picture or video.*

Press the Menu button to exit the menu.

⚠ **CAUTION:**
**Formatting internal memory or a card deletes all (including protected) pictures, videos, email addresses, album names, and favorites.**

# Running a slide show

Use the Slide Show to display your pictures and videos on the camera. To run a slide show on a television or on any external device, see . To save battery power, use an optional Kodak 3-volt AC adapter. (Visit www.kodak.com/go/z710accessories.)

## Starting the slide show

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

**2** Press ▲/▼ to highlight Slide Show, then press the OK button.

**3** Press ▲/▼ to highlight Begin Show, then press the OK button.

*Each picture and video is displayed once.*

To interrupt the Slide Show, press the OK button.

## Changing the slide show display interval

The default interval setting displays each picture for 5 seconds. You can set the display interval from 3 to 60 seconds.

**1** On the Slide Show menu, press ▲/▼ to highlight Interval, then press the OK button.

**2** Select a display interval.

**3** To scroll through the seconds quickly, press and hold ▲/▼.

**4** Press the OK button.

*The interval setting remains until you change it.*

## Displaying pictures and videos on a television

You can use an optional A/V cable to display pictures and videos on a television, computer monitor, or any device equipped with a video input. To purchase accessories, visit www.kodak.com/go/z710accessories.

NOTE: Image quality on a television screen may not be as good as on a computer monitor or when printed. Ensure that the Video Out setting (NTSC or PAL) is correct. (See Video Out in the table that starts on page 35.)

**1** Connect an audio/video cable from the camera A/V Out/USB port to the television video-in port (yellow) and audio-in port (white). See your television user's guide for details.

**2** Review pictures and videos on the television.

# Cropping pictures

1. Press Review.

2. ◄/► for previous/next.

3. Press Menu, highlight Crop, then press OK.

4. Press Telephoto (T) to zoom in, or ◄/►▲/▼ to move the crop box.

5. Press OK, then follow the screen prompts.

*The picture is copied, then cropped. The original picture is saved. A cropped picture cannot be cropped again on the camera.*

Press the Menu button to exit the menu.

# Viewing picture/video information

(1) Press Review.

(2) Press Info 🛈 until picture/video information appears.

(3) ◀/▶ for previous/next.

Press the Review button to exit Review.

# Using the histogram to view picture brightness

Use the histogram to evaluate the distribution of light before or after you take a picture. If the peak is to the right of the graph, the subject is bright; if it's to the left, the subject is dark. Optimal exposure is achieved when the peak is in the middle of the histogram.
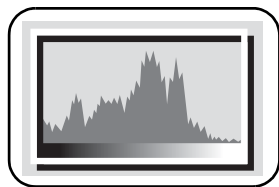
To turn on the histogram in any picture-taking mode or in Review, press the Info 🛈 button until the histogram appears.

NOTE: If a scene is dark or light, you can adjust the exposure compensation (see page 37) before taking the picture. The flash may affect a picture's light and shadow.

# Copying pictures and videos

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

**Before you copy, make sure that:**

- A card is inserted in the camera.

- The storage location is set to the location **from** which you are copying. (See Image Storage in the table that starts on page 32.)

**Copy pictures or videos:**

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

**2** Press ▲/▼ to highlight Copy, then press the OK button.

**3** Press ▲/▼ to highlight an option:

**PICTURE or VIDEO—**copies the current picture or video.

**EXIT—**returns to the Review menu.

**ALL—**copies all pictures and videos from one storage location to another.

**4** Press the OK button.

NOTE: Pictures and videos are copied, not moved. To remove pictures from the original location after copying, delete them (see page 13). Tags that you applied for print, email, and favorites are not copied. Protection settings are not copied. To apply protection to a picture or video, see page 13.

# Pre-tagging for album names

Use the Set Album (Still or Video) feature to pre-select album names before you take pictures or videos. Then, all the pictures or videos you take are tagged with those album names.

## First—on your computer

Use Kodak EasyShare software (V 3.0 or higher, see page 40) to create album names on your computer. Then copy up to 32 album names to the album name list the next time you connect the camera to the computer. See EasyShare software Help for details.

## Second—on your camera

**1** In any mode, press the Menu button.

**2** Press ▲/▼ to highlight Set Album, then press the OK button.

**3** Press ▲/▼ to highlight an album name, then press the OK button. Repeat to mark pictures or videos for albums.

*Selected albums are noted with a check mark.*

**4** To remove a selection, highlight an album name and press the OK button. To remove all album selections, select Clear All.

**5** Highlight Exit, then press the OK button.

*Your selections are saved. If you turn on the LCD, your album selection is displayed on the screen. A plus (+) after the album name means more than one album is selected.*

**6** Press the Menu button to exit the menu.

## Third—transfer to your computer

When you transfer the tagged pictures or videos to your computer, Kodak EasyShare software opens and categorizes your pictures/videos in the appropriate album. See EasyShare software Help for details.

# Tagging pictures/videos for albums

Use the Album feature in Review mode to tag the pictures and videos in your camera with album names.

## First—on your computer

Use Kodak EasyShare software to create album names on your computer, then copy up to 32 album names to the camera's internal memory. See EasyShare software Help for details.

## Second—on your camera

**1** Press the Review button, then ◄/► for previous/next picture or video.

**2** Press the Menu button.

**3** Press ▲/▼ to highlight Album, then press the OK button.

**4** Press ▲/▼ to highlight an album folder, then press the OK button.

To add other pictures/videos to the same album, press ◄/► to scroll through the pictures. When the picture/video you want is displayed, press the OK button.

To add the pictures/videos to more than one album, repeat step 4 for each album.

*The album name appears with the picture/video. A plus (+) after the album name means the picture/video was added to more than one album.*

To remove a selection, highlight an album name and press the OK button. To remove all album selections, select Clear All.

## Third—transfer to your computer

When you transfer the tagged pictures/videos to your computer, Kodak EasyShare software opens and categorizes your pictures/videos in the appropriate album. See EasyShare software Help for details.

# Sharing your pictures

Press the Share button to "tag" your pictures and videos. When they are transferred to your computer, you can share them.

- Any time. (The most recent picture/video taken is then displayed.)
- Just after you take a picture/video, during Quickview.
- After pressing the Review button.

## Tagging pictures for printing

**1** Press the Share button. Press ◀/▶ for previous/next picture.

**2** Press ▲/▼ to highlight Print, then press the OK button.*

**3** Press ▲/▼ to select the number of copies (0-99).

*The Print icon 🖵 appears in the status area. The default quantity is one.*

**4** **Optional:** You can apply a print quantity to other pictures. Press ◀/▶ for previous/next picture. Keep the print quantity as is, or press ▲/▼ to change it. Repeat this step until the desired print quantity is applied to the pictures.

**5** Press the OK button. Then press the Share button to exit the menu.

* To tag all pictures in the storage location, highlight Print All, press the OK button, then indicate the number of copies. Print All is not available in Quickview. To remove print tagging for all pictures in the storage location, highlight Cancel Prints, then press the OK button. Cancel Prints is not available in Quickview.

### Printing tagged pictures

When you transfer the tagged pictures to your computer, the EasyShare software print screen opens. For details on printing, see EasyShare software Help.

For more information on printing from your computer, printer dock, PictBridge enabled printer, or card, see .

NOTE: For the best 4 x 6 in. (10 x 15 cm) prints, set the camera to the 6.3 MP (3:2) picture size setting. (See Picture Size in the table that starts on .)

## Tagging pictures and videos for emailing

### First—on your computer

Use Kodak EasyShare software to create an email address book on your computer. Then, copy up to 32 email addresses to the camera's internal memory. For details, see EasyShare software Help.

### Second—tag pictures/videos on your camera

**1** Press the Share button. Press ◀/▶ for previous/next picture/video.

**2** Press ▲/▼ to highlight Email, then press the OK button.

*The Email icon ≡☑ appears in the status area.*

**3** Press ▲/▼ to highlight an email address, then press the OK button.

To tag other pictures/videos with the same address, press ◀/▶ to scroll through them. When the picture you want is displayed, press OK.

To send the pictures/videos to more than one address, repeat step 3 for each address.

*Selected addresses are checked.*

**4** To remove a selection, highlight a checked address and press the OK button. To remove all email selections, highlight Clear All.

**5** Press ▲/▼ to highlight Exit, then press the OK button.

*The Email icon ≡☑ appears in the status area.*

**6** Press the Share button to exit the menu.

### Third—transfer and email

When you transfer the tagged pictures/videos to your computer, the Email screen opens and lets you send them to the addresses you specified. For details, see EasyShare software Help.

# Tagging pictures as favorites

You can preserve your favorite pictures in the Favorites 🔲 section of your camera's internal memory, then share them with friends and family.

NOTE:  When you transfer pictures from your camera to your computer, all pictures (including favorites) are stored on your computer at full size. Favorite pictures—smaller copies of your originals—are loaded back to your camera, so you can share and enjoy more.

| 1. Tag pictures as favorites | **1** Press the Share button. Press ◀/▶ for previous/next picture. |
| | **2** Press ▲/▼ to highlight Favorite, then press the OK button. |
| | *The Favorite icon ❤ appears in the status area. To remove the tag, press the OK button again.* |
| | Press the Share button to exit the menu. |
| 2. Transfer pictures to your computer | **1** To enjoy full functionality, load and use the EasyShare software that was packaged with this camera. (See page 40.) |
| | **2** Connect the camera to the computer using the USB cable (see page 41) or an EasyShare dock. |
| | *The first time you transfer pictures, the software helps you make choices about your favorite pictures. Then, your pictures are transferred to the computer. Favorite pictures (smaller versions of the originals) are loaded to the Favorites section of your camera's internal memory.* |
| 3. View favorites on your camera | **1** Move the Power/Favorites switch to Favorites 🔲. |
| | **2** Press ◀/▶ to scroll through favorites. |

NOTE:  The camera holds a limited number of favorites. Use Camera Favorites in the EasyShare software to

customize the size of your camera Favorites 🔲 section. Videos tagged as favorites are not loaded to your camera. For more information, see EasyShare software Help.

## Optional settings

In Favorites mode, press the Menu button to access optional settings.

| | | | |
|---|---|---|---|
| 🖼 | Slide Show ([page 14](#)) | ✖ | Remove all favorites ([Removing all favorites from your camera, page 23](#)) |
| ▦ | Multi-up ([page 12](#)) | 🔧 | Setup Menu ([page 35](#)) |
| 📋 | Picture Information ([page 16](#)) | | |

NOTE: Pictures taken at the 6.3 MP (3:2) picture size are displayed at a 3:2 aspect ratio with a black bar at the top of the screen.

### Removing all favorites from your camera

**1** Move the Power/Favorites switch to Favorites 💟.

**2** Press the Menu button.

**3** Highlight ✖, then press the OK button.

*All pictures stored in the Favorites section of internal memory are removed. Favorites are restored the next time you transfer pictures to the computer.*

**4** Press the Menu button to exit the menu.

### Preventing favorites from transferring to the camera

**1** Open the Kodak EasyShare software. Click the My Collection tab.

**2** Go to the Albums view.

**3** Click the Camera Favorites Album for your camera.

**4** Click Remove Album.

*The next time you transfer pictures from your camera to the computer, use the Camera Favorites Wizard/Assistant to either recreate your Camera Favorites Album or to turn off the Camera Favorites feature.*

**Printing and emailing favorites**

**1** Move the Power/Favorites switch to Favorites [▼]. Press ◄/► for previous/next picture.

**2** Press the Share button.

**3** Highlight Print or Email, then press the OK button.

NOTE: Favorites that were taken on this camera (not imported from another source) are good for prints up to 4 x 6 in. (10 x 15 cm).

# 4 Doing more with your camera

## Changing the flash settings



1 Open the flash.

2 Press the flash button repeatedly to scroll through flash modes. The current flash mode is depicted in the LCD/EVF status area.

| Flash modes | | Flash fires |
|---|---|---|
| 🔆A | Auto Flash | When the lighting conditions require it. |
| 🔆 | Fill | Every time you take a picture, regardless of the lighting conditions. Use when the subject is in shadow or is "backlit" (when light is behind the subject). In low light, hold the camera steady or use a tripod. |
| 👁 | Red Eye | The flash fires once so the eyes become accustomed to the flash, then fires again when the picture is taken. |
| 🚫 | Off | Never |

For flash settings in each mode, see page 53.

# Using the self-timer



1  Place camera on a tripod or flat surface.

2  In any Still mode, press ✴ :
   • Once for a 10-sec. delay (so you have time to get into the scene)
   • Again for a 2-sec. delay (for a steady, shutter release on a tripod)
   • Again for 2 pictures (after a 10- and 18-second delay)

3  Compose the scene.

4  Press the Shutter button halfway, then completely down.

The picture is taken after the delay.

To cancel the Self-timer before the picture is taken, press the Self-timer button. (The Self-timer setting remains active.)

**Use the same procedure to take a video, but:**

■ Turn the Mode dial to Video 🎥.

■ Press the Shutter button completely down.

NOTE: The video stops when no storage space remains. Only the 2- and 10-second options are available in video mode.

# Capture modes



Choose the mode that best suits your subjects and surroundings.

| Use this mode | For |
|---|---|
| ○ **Auto** AUTO | General picture-taking—offers an excellent balance of image quality and ease of use. |
| **Sport** | Subjects that are in motion. Shutter speed is fast. The camera pre-settings are Multi-Pattern Exposure Metering, Multi-Zone Focus. |
| **Portrait** | Full-frame portraits of people. Allows the subject to be sharp and the background to be indistinct. For best results, position your subject at least 6 ft (2 m) away and fill the frame with a head-and-shoulder pose. Use Telephoto to exaggerate background blur. The camera pre-settings are Multi-Pattern Exposure Metering, Multi-Zone Focus, ISO 64. |
| **Night** | Use at night to capture subject and background. |
| **SCN** **Scene** | Point-and-shoot simplicity when taking pictures under 14 special conditions. (See Scene modes, page 28.) |
| **Video** | Video with sound. (See page 7.) |
| **P ASM** **PASM** | More creative control. (See page 38.) |

## Scene modes

**1** Turn the Mode dial to Scene **SCN**.

**2** Press ◄/► to display Scene mode descriptions.

NOTE: If the Scene mode description turns off, press the OK button.

**3** Press the OK button to choose a Scene mode.

| Use this SCN mode | For | Camera pre-settings |
|---|---|---|
| **Children** | Action pictures of children in bright light. | Multi-Pattern Exposure Metering, Multi-Zone Focus |
| **Party** | People indoors. Minimizes red eye. | Multi-Pattern Exposure Metering, Multi-Zone Focus, Red Eye Flash |
| **Beach** | Bright beach scenes. | +1 Exposure Compensation, Center-Weight Metering, Daylight White Balance, ISO 64 |
| **Flower** | Close-ups of flowers or other small subjects in bright light. | Macro Focus, Daylight White Balance, Center-Zone Focus, Center-Weight Metering |
| **Fireworks** | Flash does not fire. Place the camera on a flat, steady surface or use a tripod. | f/5.6, 2 second exposure, Infinity Focus, Center-Weight Metering, Daylight White Balance, ISO 64 |
| **Snow** | Bright snow scenes. | +1 Exposure Compensation, Center-Weight Metering, Multi-Zone Focus, ISO 64 |
| **Backlight** | Subjects that are in shadow or "backlit" (when light is behind the subject). | Multi-Pattern Exposure Metering, Multi-Zone Focus, Fill-Flash, ISO 64 |
| **Close-up** | Subjects closer than 28 in. (70 cm). | Macro Focus, Center-Weight Metering, Center-Zone Focus, ISO 64 |
| **Night Portrait** | Reduces red eye of people in night scenes or low-light conditions. Place the camera on a flat, steady surface or use a tripod. | Multi-Pattern Exposure Metering, Multi-Zone Focus |

| Use this SCN mode | For | Camera pre-settings |
|---|---|---|
| **Landscape** | Distant scenery. Flash does not fire. Auto-focus framing marks (page 6) are not available in Landscape. | Infinity Focus, Multi-Pattern Exposure Metering, Daylight White Balance |
| **Night Landscape** | Distant scenery at night. Flash does not fire. Place the camera on a flat, steady surface or use a tripod. | f/2.8–f/3.7, Infinity Focus, Daylight White Balance, Center-Weight Metering, Daylight White Balance, ISO 64 |
| **Manner/ Museum** | Quiet occasions, like a wedding or lecture. Flash and sound are disabled. Place the camera on a flat, steady surface or use a tripod. | No sounds, no flash, Multi-Pattern Exposure Metering, Multi-Zone Focus |
| **Text** | Documents. Place the camera on a flat, steady surface or use a tripod. | Macro Focus, +1 Exposure Compensation, Center-Weight Metering |
| **Self-Portrait** | Close-ups of yourself. Assures proper focus and minimizes red eye. | Macro Focus, Multi-Pattern Exposure Metering, Multi-Zone Focus, Red Eye Flash, ISO 64 |

For information on PASM modes, see .

# Taking close-up and landscape pictures

Use the Close-up/Landscape button ♥/▲▲ to take pictures of scenes that are very close or very far away.
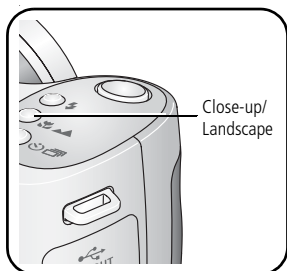
Close-up/
Landscape

1 Set the Mode dial to Auto or a PASM mode. (For PASM mode, see page 38.)

2 Press the Close-up/Landscape button ♥/▲▲ repeatedly until the ♥ or ▲▲ icon appears in the status bar.

3 Take a picture.

NOTE: After you take the picture, the camera stays in the Close-up or Landscape setting. To exit, press the Close-up/Landscape button until the icon turns off (or turn off the camera).

## Close-up pictures
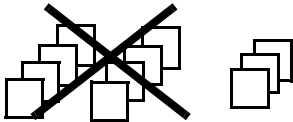
Use the Close-up setting ♥ to gain sharpness and detail in pictures at close range. Use available light instead of flash if possible. The camera automatically sets the focus distance depending on the zoom position:

| Zoom position | Close-up focus distance |
|---------------|-------------------------|
| Wide angle | 4.7–27.6 in. (12–70 cm) |
| Telephoto | 3.9–6.9 ft (1.2–2.1 m) |

## Landscape pictures

Use the Landscape setting ▲▲ to gain sharpness of far away scenes. With this setting, the camera uses infinity auto-focus. Auto-focus framing marks are not available in Landscape.

# Using burst

| Option | Description | Purpose |
|--------|-------------|---------|
| **First Burst** | Camera takes up to 3 pictures while the Shutter button is pressed. | Capture an expected event.<br><br>**Example:**<br>A person swinging a golf club. |
| **Last Burst** | Camera takes up to 30 pictures while the Shutter button is pressed. When the Shutter button is released, only the last 3 pictures are saved. | Capture an event when the precise timing is uncertain.<br><br>**Example:**<br>A child blowing out birthday candles. |

**1** In most Still modes, press the Burst button repeatedly to choose an option.

**2** Press the Shutter button **halfway** to focus and set exposure.

**3** Press the Shutter button **completely down and hold it** to take pictures.

*The camera stops taking pictures when you release the Shutter button, when the pictures are taken, or when there is no more storage space.*

NOTE: During Quickview, you can delete all pictures in the burst series. To delete selectively, do so in Review (see page 13).

# Changing picture-taking settings

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

**1** Press the Menu button. (Some settings are unavailable in some modes.)

**2** Press ▲/▼ to highlight a setting, then press the OK button.

**3** Choose an option, then press the OK button.

**4** Press the Menu button to exit.

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

| Setting | Options |
|---------|---------|
| **Picture Size**<br>Choose a picture resolution.<br>For recommended print sizes, visit<br>www.kodak.com/go/printsizes | **7.1 MP**—pictures are the highest resolution, largest file size.<br>**6.3 MP (3:2)**— ideal for printing 4 x 6 in. (10 x 15 cm) prints without cropping.<br>**5.0 MP**<br>**3.1 MP**<br>**1.9 MP**—for emailing, Internet, or to conserve space. |
| **Video Size**<br>Choose a video resolution.<br>Available only in Video mode. | **640 x 480**—higher resolution and file size; video plays in a 640 x 480 pixel window (VGA).<br>**320 x 240**—lower resolution and file size; video plays in a 320 x 240 pixel window (QVGA). |

| Setting | Options |
|---------|---------|
| **White Balance**<br>Choose your lighting condition.<br>Available only in PASM mode. | **Auto (default)—**automatically corrects white balance. Ideal for general picture taking.<br>**Daylight—**for pictures in natural lighting.<br>**Tungsten—**corrects the orange cast of household light bulbs. Ideal for indoor pictures under tungsten or halogen lighting without flash.<br>**Fluorescent—**corrects the green cast of fluorescent lighting. Ideal for indoor pictures under fluorescent lighting without flash.<br>**Open Shade—**for pictures in the shade in natural lighting. |
| **Exposure Metering**<br>Evaluate light levels at specific areas of a scene.<br>Available only in PASM mode. | **Multi-pattern (default)—**evaluates lighting conditions throughout the image to give an optimum picture exposure. Ideal for general picture taking.<br>**Center-weight—**evaluates the lighting conditions of the subject centered in the viewfinder. Ideal for backlit subjects.<br>**Center-spot—**similar to Center-weight, except the metering is concentrated on a smaller area of the subject centered in the viewfinder. Ideal when you need an exact exposure of a specific area in the picture. |
| **Focus Zone**<br>Select a large or concentrated area of focus.<br>Available only in PASM mode. | **Multi-zone (default)—**evaluates 3 zones to give an even picture focus. Ideal for general picture taking.<br>**Center-zone—**evaluates the small area centered in the viewfinder. Ideal when precise focus of a specific area in the picture is needed. |
| **AF Control**<br>Choose an auto-focus setting. | **Continuous AF—**uses TTL-AF (Through-The-Lens). Because the camera is always focusing, there is no need to press the Shutter button halfway down to focus.<br>**Single AF (default)—**uses TTL-AF when the Shutter button is pressed halfway down. |

| Setting | Options |
|---|---|
| **Color Mode**<br>Choose color tones.<br>Unavailable in Video mode. | **High Color**<br>**Natural Color (default)**<br>**Low Color**<br>**Black & White**<br>**Sepia** for pictures with a reddish-brown, antique look.<br>EasyShare software also lets you change a color picture to black-and-white or sepia. |
| **Sharpness**<br>Control picture sharpness.<br>Available only in PASM mode. | **High**<br>**Normal (default)**<br>**Low** |
| **Reset to Default**<br>Reset P, A, S, or M mode to its default setting.<br>Available only in PASM mode. | |
| **Set Album**<br>Choose Album names.<br>*You can apply different Set Album choices to videos and to pictures.* | **On** or **Off**.<br>Pre-select album names before you take pictures or videos. Then, all the pictures or videos you take are tagged with those album names. (See page 17.) |
| **Video Length**<br>Choose a video length.<br>Available only in Video mode. | **Continuous (default)**<br>**5, 15, 30 seconds** |
| **Image Storage**<br>Choose a storage location for pictures and videos. | **Auto (default)—**the camera uses the card if one is in the camera. If not, the camera uses internal memory.<br>**Internal Memory—**the camera always uses internal memory, even if a card is installed. |
| **Setup Menu**<br>Choose additional settings. | See Customizing your camera, page 35. |

# Customizing your camera

Use Setup to customize your camera settings.

**1** In any mode, press the Menu button.

**2** Press ▲/▼ to highlight Setup, then press the OK button.

**3** Press ▲/▼ to highlight the setting you wish to change, then press the OK button.

**4** Choose an option, then press the OK button.

**5** Press the Menu button to exit.

| Setting | Options |
|---------|---------|
| **Return** to previous menu. | |
| **Capture Frame Grid**<br>Turn framing grid on or off. | **On**<br>**Off (default)** |
| **Quickview**<br>Change Quickview default. | **On**<br>**Off (default)** |
| **Advanced Digital Zoom**<br>Choose how digital zoom is employed. | **Continuous—**no pause between optical and digital zoom.<br>**Pause (default)—**after reaching 10X optical zoom, the zoom button must be released, then activated again to begin digital zoom.<br>**None—**digital zoom is disabled. |
| **Print Warning** | **Pause (default)—**when the slider on the zoom indicator pauses during digital zoom, the zoom must be released and reactivated. The slider turns red when the picture may not render an acceptable 4 x 6 in. (10 x 15 cm) print.<br>**None—**no pause. |

| Setting | Options |
|---|---|
| **Sound Themes** | **Shutter only**<br>**Default**<br>**Classical**<br>**Jazz**<br>**Sci-fi** |
| **Sound Volume** | **Off**<br>**Low (default)**<br>**Medium**<br>**High** |
| **Mode Description**<br>Display description when entering a mode. | **On (default)**<br>**Off** |
| **Auto Power Off**<br>Choose amount of inactivity time until camera turns off. | **10 minutes**<br>**5 minutes**<br>**3 minutes (default)**<br>**1 minute** |
| **Date & Time** | See page 3. |
| **Video Out**<br>Choose the regional setting that lets you connect the camera to a television or other external device. | **NTSC (default)**—used in North America and Japan; most common format.<br>**PAL**—used in Europe and China. |
| **Orientation Sensor**<br>Orient pictures so that they are displayed with the correct side up. | **On (default)**<br>**Off** |
| **Date Stamp**<br>Imprint the date on pictures. | Choose a date option, or turn off the feature. (Default is off.) |
| **Video Date Display**<br>Display Date/Time at the start of video playback. | **None (default)**<br>**Choose a date/time format** |

| Setting | Options |
|---------|---------|
| **Language** | |
| **Format**<br><br>⚠ **CAUTION:**<br>**Formatting internal memory or a card deletes all (including protected) pictures, videos, email addresses, album names, and favorites.** | **Memory Card**—deletes everything on the card; formats the card.<br>**Cancel**—exits without making a change.<br>**Internal Memory**—deletes everything in internal memory including email addresses, album names, and favorites; formats the internal memory. |
| **About**<br>View camera information. | |

# Adjusting exposure compensation

Use exposure compensation before you take a picture to make it lighter or darker.

**1** In Auto mode, press ▲/▼.

*Exposure compensation information appears on the LCD or EVF. (To change exposure compensation in P, A, S, and M modes, see .)*

**2** To make pictures lighter, press ▲.

To make pictures darker, press ▼.

*The setting remains until you change it or turn off the camera.*

# P, A, S, and M modes

Use these modes when you want more control over your camera and pictures.

| Use this mode | | For |
|---|---|---|
| **P** | **Program** | Controlling exposure compensation (how much light enters the camera). The camera automatically sets the shutter speed and aperture (f-stop) based on the scene lighting. Program mode offers the ease of auto shooting with full access to all menu options. Press ◄/► ▲/▼ to select settings. |
| **A** | **Aperture Priority** | Controlling aperture, exposure compensation, and ISO speed. Aperture priority mode is primarily used to control depth of field (the range of sharpness). <br> NOTE: The aperture setting may be affected when using optical zoom. Press ◄/► ▲/▼ to select settings. |
| **S** | **Shutter Priority** | Controlling the shutter speed, exposure compensation, and ISO speed. The camera automatically sets the aperture for proper exposure. Shutter priority mode is primarily used to prevent blur when your subject is moving. To prevent camera shake, use a tripod for slow shutter speeds. Press ◄/► ▲/▼ to select settings. |
| **M** | **Manual** | The highest level of creative control. You set the aperture, shutter speed, and ISO speed. Exposure compensation acts as an exposure meter, recommending the proper combination of aperture and shutter speed to produce an acceptable exposure. To prevent camera shake, use a tripod for slow shutter speeds. Press ◄/► ▲/▼ to select settings. |

NOTE: Settings you change in P, A, S, or M modes apply only to pictures taken in those modes. For example, if you change the Color Mode to Sepia while in P, A, S, or M mode, you retain the default setting of Color for Auto and Scene modes.

The settings, including Flash, are maintained for P, A, S, and M modes—even when you change modes or turn off the camera. Use Reset to Default (see the table that starts on ) to reset P, A, S, or M mode to its default setting.

## Changing P, A, S, or M mode settings

PASM modes control the aperture (f-number, also known as f-stop), shutter speed, and exposure compensation. Use the Menu button to control all other settings.

ISO

Exposure compensation
Shutter speed
Aperture

**PASM Options**
White—selectable
Grey—non-selectable
Yellow—changeable value
Red—out of range
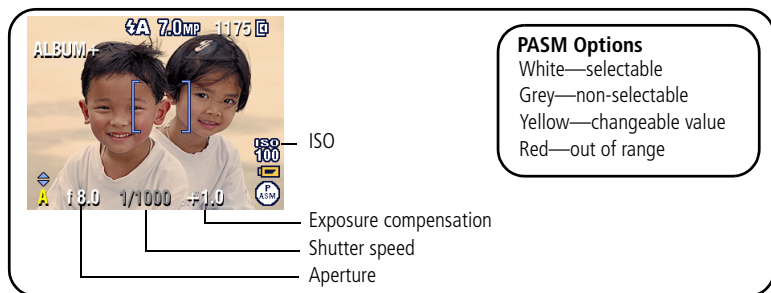
**1** Turn the Mode dial to PASM.

*The mode options are displayed.*

**2** Press ▲/▼ to choose P, A, S, or M.

**3** Press ▲/▼ ◀/▶ to move between settings, open a setting, or change a setting.

**4** Take a picture.

**Exposure Compensation—**adjust the exposure; good for controlling backlit or non-standard scenes. If the picture is too light, decrease the setting; if it's too dark, increase the setting.

**Shutter speed—**control how long the shutter stays open. A shaking hand icon 🖐 warns of slow shutter speeds. (Use a tripod for slow shutter speeds.)

**Aperture—**(also known as f-stop) control the size of the lens opening, which determines the depth of field.

■ Smaller f-stop numbers indicate a larger lens opening; good for portraits and low-light conditions.

■ Larger f-stop numbers indicate a smaller lens opening; keeps the main subject sharp; good for landscapes and well-lit conditions.

# 5 Transferring and printing pictures

## Installing the software

⚠️ **CAUTION:**

**Install Kodak EasyShare software** *before* **connecting the camera or optional dock to the computer. Failure to do so may cause the software to load incorrectly.**

1  Close all software applications that are open on your computer (including anti-virus software).

2  Place the Kodak EasyShare software CD into the CD-ROM drive.

3  Load the software:

   **Windows OS—**if the install window does not appear, choose Run from the Start menu and type **d:\setup.exe** where **d** is the drive letter that contains the CD.

   **Mac OS X—**double-click the CD icon on the desktop, then click the Install icon.

4  Follow the on-screen instructions to install the software.

NOTE:  When prompted, take a few minutes to electronically register your camera and software. To register later, see www.kodak.com/go/register.

5  If prompted, restart the computer. If you turned off anti-virus software, turn it back on. See the anti-virus software manual for details.

For information on the software applications included on the EasyShare software CD, see EasyShare software Help.

# Transferring pictures

IMPORTANT: *If your camera was packaged with a Kodak EasyShare dock, use the dock to transfer pictures to your computer. (See page 44 and the dock user's guide for details.) If you do not have an EasyShare dock, use the USB cable (U-8) that came with your camera.*
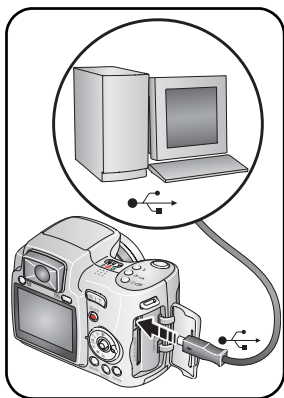
**1** Turn off the camera.

**2** Plug the labeled $\leftarrow$ end of the USB cable into the labeled USB port on your computer. See your computer user's guide for details.

**3** Plug the other end of the USB cable into the USB port on the camera. The arrow icon on the cable should face you.

**4** Turn on the camera.

*EasyShare software opens on your computer. The software prompts you through the transfer process.*

NOTE:  Visit www.kodak.com/go/howto for an online tutorial on connecting.

## Also available for transferring

You can also use these Kodak products to transfer your pictures and videos.

■ Kodak EasyShare camera dock, Kodak EasyShare printer dock (see page 44)

■ Kodak multi-card reader, Kodak SD multimedia card reader-writer

Purchase these and other accessories at a dealer of Kodak products or www.kodak.com/go/z710accessories.

# Printing pictures

## Printing with a Kodak EasyShare printer dock

Dock your camera to the Kodak EasyShare printer dock and print directly—with or without a computer. Purchase this and other accessories at a dealer of Kodak products or www.kodak.com/go/z710accessories.

## Direct printing with a PictBridge enabled printer

Your camera features PictBridge technology, so you can print directly to PictBridge enabled printers. You need:

■ Camera with fully charged batteries, or with optional Kodak 3-volt AC adapter

■ PictBridge enabled printer

■ USB cable included with your camera

### Connecting the camera to a PictBridge enabled printer

**1** Turn off the camera and printer.

**2** Optional: If you have a Kodak 3-volt AC adapter (optional accessory), plug it into the camera and into an electrical outlet.

IMPORTANT: *Do not use the AC adapter included with the Kodak EasyShare camera dock or printer dock to power your camera.*

**3** Connect the USB cable from the camera to the printer. (See your printer user guide for details. See www.kodak.com/go/z710accessories to order cables.)

**Printing from a PictBridge enabled 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 interface turns off, press any button to redisplay it.*

**2** Press ▲/▼ to choose a printing option, then press the OK button.

**Current Picture**—Press ◄/► to choose a picture. Choose the number of copies.

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

**Index Print**—Print thumbnails of all pictures. This requires one or more sheets of paper. If the printer is capable, choose a print size.

**All Pictures**—Print all pictures in internal memory, on a card, or in Favorites. Choose the number of copies.

**Image Storage**—Access internal memory, a card, or Favorites.

NOTE: During direct printing, pictures are not permanently transferred or saved to the computer or printer. To transfer pictures to your computer, see . In Favorites mode, the current favorite picture is displayed.

**Disconnecting the camera from a PictBridge enabled printer**

**1** Turn off the camera and printer.

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

## Ordering prints online

*Kodak EasyShare* Gallery is one of the many online print services offered in EasyShare software. You can easily:

■ Upload your pictures.

■ Edit, enhance, and add borders to your pictures.

■ Store pictures, and share them with family and friends.

■ Order high-quality prints, photo greeting cards, frames, and albums—and have them delivered to your door.

## Printing pictures from your computer

For details on printing pictures from your computer, see EasyShare software Help.

## Printing from an optional SD or MMC card

■ Automatically print tagged pictures when you insert your card into a printer with an SD/MMC slot. See your printer user's guide for details.

■ Make prints at an SD/MMC-capable Kodak picture maker/picture kiosk. (Contact a location prior to visiting. See www.kodak.com/go/picturemaker.)

■ Take the card to your local photo retailer for professional printing.

# Dock compatibility for your camera

To see which EasyShare camera and printer docks are compatible with your camera, visit www.kodak.com/go/adapterkitchart.

To purchase camera docks, printer docks, and other accessories, visit www.kodak.com/go/z710accessories.

# 6 Troubleshooting

## Camera problems

For step-by-step product support, visit www.kodak.com/go/z710support and select
Interactive Troubleshooting & Repairs.

| If | Try one or more of the following |
|---|---|
| Camera does not turn on | ■ Insert a new or charged battery.<br>■ Connect the camera to a Kodak 3-volt AC adapter (sold separately), then try again. See page 57 for more battery information. |
| Camera does not turn off and the lens does not retract | |
| Camera buttons and controls do not function | |
| Lens does not extend when camera turns on or does not retract | ■ Confirm that the battery in camera is charged.<br>■ Turn camera off, then on again. (Lens does not extend in Favorites mode.)<br>■ If problem still exists, get help (page 49). |
| EVF/LCD is black or does not turn on | ■ Remove the lens cap.<br>■ Push the EVF/LCD button to change the display. |
| In Review, a blue or black screen is displayed instead of a picture | ■ Transfer the picture to the computer.<br>■ Transfer *all* pictures to the computer (page 41).<br>■ Take another picture. If problem continues, try internal memory and/or another memory card. |
| Pictures remaining number does not decrease after taking a picture | ■ Continue taking pictures. The camera is operating normally.<br>(The camera estimates the number of pictures remaining after each picture is taken, based on picture size and content.) |

| If | Try one or more of the following |
|---|---|
| Picture orientation is not accurate | ■ Set the Orientation Sensor to ON. (See the table that starts on page 35.) |
| Flash does not fire | ■ Open the flash unit (page 9).<br>■ Check the flash setting and change as needed (page 25).<br>NOTE: The flash does not fire in all modes. |
| Storage location is almost or entirely full | ■ Transfer pictures to the computer (page 41).<br>■ Delete pictures from the card (page 13) or insert a new one.<br>■ Change image storage location to internal memory. |
| Battery life is short | ■ Make sure the correct battery type is installed (page 57).<br>■ Wipe the contacts with a clean, dry cloth before inserting a battery in the camera.<br>■ Insert a new or charged battery (page 2). |
| You cannot take a picture | ■ Turn camera off, then on again. Make sure the camera is not in Favorites mode.<br>■ Press Shutter button all the way (page 5).<br>■ Insert a new or charged battery (page 2).<br>■ Wait until the AF/AE indicator turns green before attempting to take another picture.<br>■ Memory full. Transfer pictures to the computer (page 41), delete pictures (page 13), change image storage location, or insert another card. |
| Error message appears on EVF/LCD | ■ Turn the camera off, then on again.<br>■ Remove memory card from the camera.<br>■ Remove the battery and wipe the contacts with a clean, dry cloth.<br>■ Insert a new or charged battery (page 2).<br>■ Get customer support help (page 49). |
| Memory card not recognized or camera freezes with card. | ■ Card may be corrupted. Format card in camera. (See Format in the table that starts on page 35.)<br>■ Change image storage location to internal memory. |

# Computer/connectivity problems

| If | Try one or more of the following |
|---|---|
| Computer does not communicate with the camera | ■ Insert a charged battery (page 2).<br>■ Turn on the camera.<br>■ Make sure proper USB cable is connected on camera and computer port (page 41). (If using an EasyShare dock, check all cable connections. Make sure the camera is seated on the dock.)<br>■ Make sure the EasyShare software is installed (page 40). |
| Pictures do not transfer to computer | ■ Click the Help button in the EasyShare software. |
| Slide Show does not run on an external video device | ■ Adjust the camera Video Out setting (see page 35).<br>■ Make sure the external device settings are correct (see the device's user's guide). |

# Picture quality problems

| If | Try one or more of the following |
|---|---|
| Picture is too dark | ■ Reposition camera for more available light.<br>■ Use Fill flash (page 25) or change your position so light is not behind the subject.<br>■ Move so that the distance between you and the subject is within the effective flash range (page 9).<br>■ To automatically set exposure and focus, press the Shutter button **halfway**. When the AF/AE indicator turns green, press the Shutter button **completely down** to take the picture.<br>■ Adjust exposure compensation (page 37). |

| If | Try one or more of the following |
|---|---|
| Picture is too light | ■ Reposition camera to reduce the amount of available light. |
| | ■ Turn flash off (page 9). |
| | ■ Move so that the distance between you and the subject is within the effective flash range (page 9). |
| | ■ To automatically set exposure and focus, press the Shutter button **halfway**. When the AF/AE indicator turns green, press the Shutter button **completely down** to take the picture. |
| | ■ Use P mode to adjust the Exposure. |
| Picture is not clear | ■ To automatically set exposure and focus, press the Shutter button **halfway**. When the AF/AE indicator turns green, press the Shutter button **completely down** to take the picture. |
| | ■ Clean the lens (page 58). |
| | ■ Make sure camera is not in Close-up mode if you are more than 27.6 in. (70 cm) from your subject. |
| | ■ Place the camera on a flat, steady surface or use a tripod, especially in high-zoom settings or in low light. |

# Direct printing (PictBridge) problems

| If | Try one or more of the following |
|---|---|
| Cannot locate desired picture. | ■ Turn on the camera. Make sure the camera is not in Favorites mode. |
| | ■ Use the Direct print menu to change the image storage location. |
| The Direct print menu interface turns off. | Press any button to redisplay the menu. |
| Cannot print pictures. | ■ Ensure that there is a connection between camera and printer (page 41). |
| | ■ Ensure the printer and camera have power. |

# 7 Getting help

# Helpful links

## Camera

| | |
|---|---|
| Email Kodak customer support | www.kodak.com/go/contact |
| Get support for your product (FAQs, troubleshooting information, arrange for repairs, etc.) | www.kodak.com/go/z710support |
| Purchase camera accessories (camera docks, printer docks, lenses, cards, etc.) | www.kodak.com/go/z710accessories |
| Download the latest camera firmware and software | www.kodak.com/go/z710downloads |
| See online demonstrations of your camera | www.kodak.com/go/howto |

## Software

| | |
|---|---|
| Get information on EasyShare software | www.kodak.com/go/easysharesw (or click Help in EasyShare software) |
| Get help with the Windows operating system and working with digital pictures | www.kodak.com/go/pcbasics |

## Other

| | |
|---|---|
| Get support for other cameras, software, accessories, more | www.kodak.com/go/support |
| Get information on Kodak EasyShare printer docks | www.kodak.com/go/printerdocks |
| Get information on Kodak inkjet products | www.kodak.com/go/inkjet |
| Optimize your printer for truer, more vibrant colors | www.kodak.com/go/onetouch |
| Register your camera | www.kodak.com/go/register |

NOTE: If you have questions concerning this product, you may speak with Kodak customer support.

| | | | |
|---|---|---|---|
| Australia | 1800 147 701 | New Zealand | 0800 440 786 |
| Austria | 0179 567 357 | Norway | 23 16 21 33 |
| Belgium | 02 713 14 45 | Philippines | 1 800 1 888 9600 |
| Brazil | 0800 150000 | Poland | 00800 4411625 |
| Canada | 1 800 465 6325 | Portugal | 021 415 4125 |
| China | 800 820 6027 | Russia | 8 495 929 9166 |
| Denmark | 3 848 71 30 | Singapore | 800 6363 036 |
| Ireland | 01 407 3054 | Spain | 91 749 76 53 |
| Finland | 0800 1 17056 | Sweden | 08 587 704 21 |
| France | 01 55 1740 77 | Switzerland | 01 838 53 51 |
| Germany | 069 5007 0035 | Taiwan | 0800 096 868 |
| Greece | 00800 44140775 | Thailand | 001 800 631 0017 |
| Hong Kong | 800 901 514 | Turkey | 00800 448827073 |
| India | 91 22 617 5823 | United Kingdom | 0870 243 0270 |
| Italy | 02 696 33452 | United States | 1 800 235 6325<br>585 781 6231 (toll) |
| Japan | 03 5540 9002 | International Toll Line | +44 131 458 6714 |
| Korea | 080 708 5600 | International Toll Fax | +44 131 458 6962 |
| Netherlands | 020 346 9372 | | |

# 8 | **Appendix**

## Camera specifications

**CCD—**1/2.5 in. CCD, 4:3 aspect ratio

**Picture size—**

  7.1 MP: 3072 x 2304 pixels
  6.3 MP (3:2): 3072 x 2048 pixels
  5.0 MP: 2592 x 1944 pixels
  3.1 MP: 2048 x 1536 pixels
  1.9 MP: 1600 x 1200 pixels

**Color display—**2.0 in. (5 cm) color hybrid LCD; 480 x 240 (115 K) pixels

**Color electronic viewfinder—**LCD and EVF (not simultaneous); 0.2 in. (5.1 mm) 201 K pixels

**Preview (LCD/EVF)—**Frame rate: 25.5 fps

**Taking lens—**10X optical zoom, aspheric all-glass lens, f/2.8–3.7 (35 mm equivalent: 38–380 mm)

**Accessory lens thread—**Yes

**Lens protection—**Lens cap

**Digital zoom—**Combined zoom settings up to 50X in 0.2X increments. (Not supported for movie capture.)

**Focus system—**TTL-AF; multi-zone, center-zone. (Center-zone available in PASM modes.) Working range:

  24 in. (60 cm)–infinity @ wide
  6.6 ft (2 m)–infinity @ telephoto
  4.7–27.6 in. (12–70 cm) @ wide close-up
  3.9–6.9 ft (1.2–2.1 m) @ telephoto close-up

**Exposure metering—**Multi-pattern, Center-spot, Center-weighted (available in PASM modes only)

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

**Shutter speed—**

Auto: 1/8–1/1600 sec.
Shutter priority and Manual mode: 8 - 1/1000 sec.

**ISO speed—**

Auto: 64 to 160
Selectable: 64, 100, 200, 400, 800 (800 available only in 1.9 MP picture size.)

**Electronic flash—**Guide no. 10.6 (@ ISO 100); auto flash with pre-flash control.

Working range @ ISO Auto:

2–16 ft (0.6–4.9 m) @ Wide
6.6–12 ft (2–3.7 m) @ Tele

**Flash modes—**Auto, Fill, Red Eye, Off

**Capture modes—**Auto, Portrait, Sport, Night, Video, Scene and PASM modes

**Burst mode—**First burst 3 pictures; Last burst 3 pictures; both @ approx. 1.7 fps (AE, AF, AWB executed for first shot only)

**Video capture—**

VGA (640 x 480) @ 10.5 fps
QVGA (320 x 240) @ 20 fps

**Image file format—**

Still: EXIF 2.2.1 (JPEG compression); file organization DCF
Video: QuickTime (CODEC MPEG-4)

**Image storage—**Optional MMC or SD Card  (The SD logo is a trademark of the SD Card Association.)

**Internal storage capacity—**32 MB internal memory (28 MB available for image storage. 1 MB equals one million bytes.)

**Quickview—**Yes

**Video output—**NTSC or PAL

**Power—**CRV3; 2-AA lithium; 2-AA Ni-MH; Kodak Ni-MH rechargeable digital camera battery (KAA2HR); 3V AC adapter

**Communication with computer—**USB 2.0 (PIMA 15740 protocol), via USB cable (U-8), EasyShare camera dock or printer dock

**PictBridge support—**Yes

**Self-timer—**2 or 10 seconds, or 2-shot

**Sound feedback—**All On, Shutter Only, All Off

**White Balance—**Auto, Daylight, Open Shade, Tungsten, Fluorescent (available only in PASM)

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

**Date stamp—**None, YYYYMMDD, MMDDYYYY, DDMMYYYY

**Tripod mount—**1/4 inch

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

**Size—**3.9 in. (9.78 cm) x 3.1 in. (7.75 cm) x 2.9 in. (7.26 cm) @ power off

**Weight—**10.1 oz (285 g) without card or battery

## Flash settings in each mode

Flash settings are preset for each picture-taking mode.

| Capture modes | Default setting | Available settings |
|---|---|---|
| **Auto** | Auto* | Auto, Off, Fill Flash, Red Eye |
| **Sport** | Auto | Auto, Off, Fill Flash, Red Eye |
| **Portrait** | Auto* | Auto, Off, Fill Flash, Red Eye |

| Capture modes | Default setting | Available settings |
|---|---|---|
| **P, A, S, or M** | Auto* | Auto, Off, Fill Flash, Red Eye |
| **Night** | Auto | Auto, Off, Fill Flash, Red Eye |
| **SCN** Scene modes | | |
| **Children** | Auto* | Auto, Off, Fill Flash, Red Eye |
| **Party** | Red Eye* | Auto, Off, Fill Flash, Red Eye |
| **Beach** | Auto* | Auto, Off, Fill Flash, Red Eye |
| **Flower** | Off | Off, Fill Flash |
| **Fireworks** | Off | Off |
| **Snow** | Auto* | Auto, Off, Fill Flash, Red Eye |
| **Backlight** | Fill | Fill |
| **Close-up** | Off | Off, Fill Flash |
| **Night Portrait** | Red Eye* | Auto, Off, Fill Flash, Red Eye |
| **Landscape** | Off | Off |
| **Night Landscape** | Off | Off |
| **Manner/Museum** | Off | Off |
| **Text** | Off | Off, Fill Flash |
| **Self-Portrait** | Red Eye* | Auto, Off, Fill Flash, Red Eye |
| **Video** | Off | Off |
| **First burst** | Off | Off |
| **Last burst** | Off | Off |

\* When you change to Auto or Red Eye in these modes, it becomes the default until you change it.

# Storage capacities

## Picture storage capacity

File sizes vary. You may be able to store more or fewer pictures and videos. Favorites take up additional space in internal memory.

|  | Number of pictures | | | | |
|---|---|---|---|---|---|
|  | 7.1 MP | 6.3 MP (3:2) | 5.0 MP | 3.1 MP | 1.9 MP |
| Internal memory | 12 | 14 | 17 | 27 | 41 |
| 32 MB SD/MMC | 14 | 15 | 19 | 30 | 46 |
| 64 MB SD/MMC | 28 | 31 | 39 | 60 | 92 |
| 128 MB SD/MMC | 57 | 63 | 78 | 121 | 186 |
| 256 MB SD/MMC | 114 | 128 | 157 | 242 | 372 |
| 512 MB SD/MMC | 229 | 256 | 315 | 485 | 744 |
| 1 GB SD/MMC | 458 | 512 | 630 | 970 | 1490 |

## Video storage capacity

|  | Minutes/seconds of video | |
|---|---|---|
|  | VGA (640 x 480) | QVGA (320 x 240) |
| Internal memory | 1 min. 47 sec. | 3 min. 23 sec. |
| 32 MB SD/MMC | 1 min. 52 sec. | 3 min. 46 sec. |
| 64 MB SD/MMC | 3 min. 59 sec. | 7 min. 32 sec. |
| 128 MB SD/MMC | 7 min. 59 sec. | 15 min. 4 sec. |
| 256 MB SD/MMC | 15 min. 58 sec. | 30 min. 8 sec. |
| 512 MB SD/MMC | 31 min. 57 sec. | 60 min. 17 sec. |
| 1 GB SD/MMC | 63 min. 54 sec. | less than 80 min. |

# Important safety instructions

### ⚠ CAUTION:

**Do not disassemble this product; there are no user-serviceable parts inside. Refer servicing to qualified service personnel. Do not expose this product to liquid, moisture, or extreme temperatures. 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.**

## Using this product

- The use of an accessory attachment that is not recommended by Kodak, such as an AC adapter, may cause fire, electric shock, or injury.

- Use only a USB-certified computer. Contact your computer manufacturer if you have questions.

- If using this product in an airplane, observe all instructions of the airline.

## Battery safety and handling

### ⚠ CAUTION:
**When removing the battery, allow it to cool; it may be hot.**

- Read and 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 battery 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.

■ Dispose of batteries according to local and national regulations.

■ Do not charge non-rechargeable batteries.

For more information on batteries, see www.kodak.com/go/batterytypes.

# Battery life

Use these Kodak batteries. (Battery types are also molded into battery door.)

CRV3 lithium battery — 320 - 350

Ni-MH rechargeable battery KAA2HR 2100 mAh (per charge) — 210 - 240

0 — 500
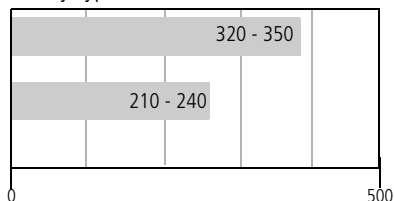
Battery life per CIPA testing method (Approx. number of pictures). Actual life may vary based on usage.

**We do not recommend or support alkaline batteries**. For acceptable battery life, and to make sure your camera operates dependably, use the replacement batteries listed above.

## Extending battery life

■ Limit the following activities that quickly deplete battery power:

– Reviewing your pictures on the LCD

– Using the LCD as a viewfinder

– Excessive use of the flash

■ 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.

**Battery charging options**

Visit www.kodak.com/go/z710accessories for:

**Kodak EasyShare camera dock series 3—**powers your camera, transfers pictures, and charges the Kodak Ni-MH rechargeable digital camera battery.

**Kodak EasyShare printer dock series 3—**powers your camera, makes 4 x 6-in. (10 x 15 cm) prints with or without a computer, transfers pictures, and charges the Kodak Ni-MH rechargeable digital camera battery.

**Kodak 3-volt AC adapter—**powers your camera.

IMPORTANT: *Do not use the AC adapter included with the Kodak EasyShare camera dock or printer dock to power your camera.*

# Upgrading your software and firmware

Download the latest versions of the software included on the Kodak EasyShare software CD and the camera firmware (the software that runs on the camera). See www.kodak.com/go/z710downloads.

# Additional care and maintenance

■ If the camera has been subjected to inclement weather or you suspect water has gotten inside the camera, turn off the camera and remove the batteries and card. Allow components to air-dry for at least 24 hours before using the camera again.

■ 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 are available in some countries. Contact a dealer of Kodak products for more information.

■ For digital camera disposal or recycling information, contact your local authorities. In the US, visit the Electronics Industry Alliance Web site at www.eiae.org or the Kodak Web site at www.kodak.com/go/z710support.

# Warranty

## Limited warranty

Kodak warrants Kodak EasyShare digital cameras and accessories (excluding batteries) to be free from malfunctions and defects in both materials and workmanship for one year from the date of purchase. Retain the original dated sales receipt. Proof of the date of purchase will be required with any request for warranty repair.

## Limited warranty coverage

This limited warranty will be honored only within the geographical location that Kodak digital cameras and accessories were purchased. Kodak will REPAIR or REPLACE Kodak EasyShare digital cameras and accessories if they fail to function properly during the warranty period, subject to any conditions and/or limitations stated herein. Such repair service will include all labor as well as any necessary adjustments and/or replacement parts. Such repair or replacement is the sole remedy under this warranty. If replacement parts are used in making repairs, these 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.

## Limitations

Request for Warranty service will not be accepted without proof of date of purchase, such as a copy of the original dated Kodak EasyShare digital camera or accessory sales receipt. (Always keep the original for your records.)

This warranty does not apply to the battery(s) used in digital cameras or accessories. This warranty does not cover circumstances beyond Kodak's control, nor problems caused by failure to follow the operating instructions in the Kodak EasyShare digital cameras and accessories User's Guides.

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, 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 one year from the purchase date.

The option of replacement 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 and excluded herefrom.

## 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 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

| FC | Kodak EasyShare Z710 zoom digital camera |

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.

## Australian C-Tick

## N137

## 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.

## Waste Electrical and Electronic Equipment labeling

In the European Union, do not discard this product as unsorted municipal waste. Contact your local authorities or go to www.kodak.com/go/recycle for recycling program information.

## VCCI Class B ITE

この装置は、情報処理装置等電波障害自主規制協議会（ＶＣＣＩ）の基準 に基づくクラスＢ情報技術装置です。この装置は、家庭環境で使用すること を目的としていますが、この装置がラジオやテレビジョン受信機に近接して 使用されると、受信障害を引き起こすことがあります。 取扱説明書に従って正しい取り扱いをして下さい。

## Korean Class B ITE

이 기기는 가정용으로 전자파적합등록을 한 기기로서 주거지역에서는 물론 모든 지역에서 사용할 수 있습니다.

## MPEG-4

Use of this product in any manner that complies with the MPEG-4 visual standard is prohibited, except for use by a consumer engaging in personal and non-commercial activities.

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*www.kodak.com/go/support*