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# Kodak EasyShare CX7220 zoom digital camera



## User's Guide

[www.kodak.com](http://www.kodak.com)

For interactive tutorials, [www.kodak.com/go/howto](http://www.kodak.com/go/howto)



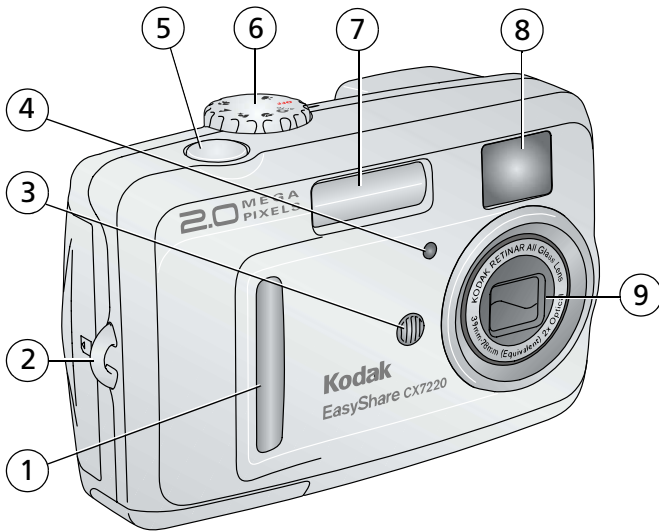
Eastman Kodak Company  
343 State Street  
Rochester, New York 14650  
© Eastman Kodak Company, 2004

All screen images are simulated.

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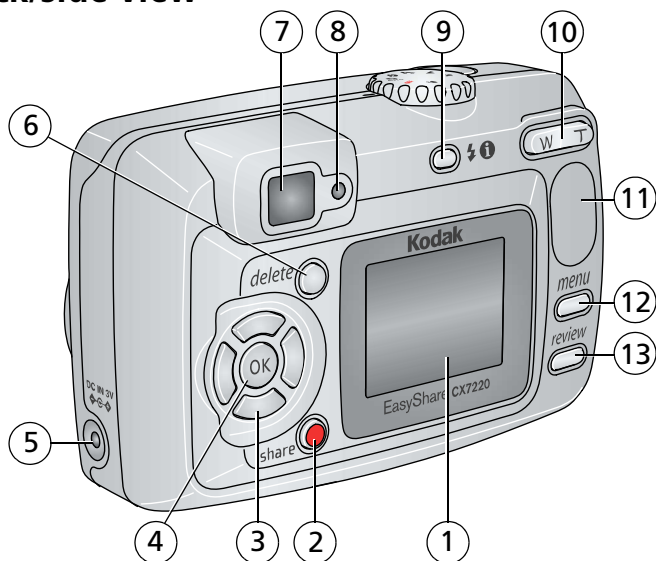
P/N 6B8947

## Front/top/side view



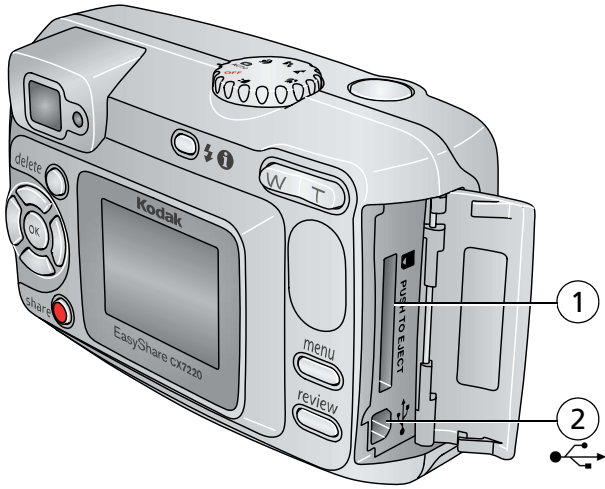
- |                          |                   |
|--------------------------|-------------------|
| 1 Grip                   | 6 Mode dial/Power |
| 2 Wrist strap post       | 7 Flash unit      |
| 3 Microphone             | 8 Viewfinder lens |
| 4 Self Timer/Video light | 9 Lens            |
| 5 Shutter button         |                   |


## Back/side view



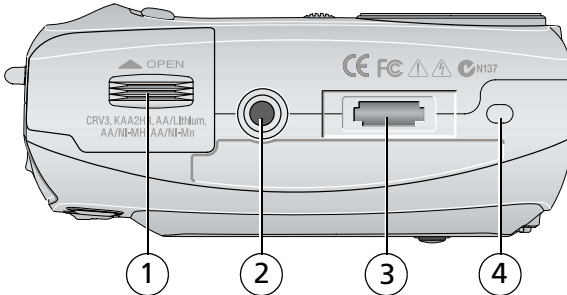
- |  |                                       |
|--|---------------------------------------|
| 1 Camera screen<br>(LCD: liquid crystal display) | 7 Viewfinder                          |
| 2 Share button                                   | 8 Ready light                         |
| 3 Controller buttons (4) ◀/▶ ▲/▼                 | 9 Flash/Status button                 |
| 4 OK button                                      | 10 Zoom button (Wide angle/Telephoto) |
| 5 DC-In (3V) ⚡, for <b>optional</b> AC adapter   | 11 Grip                               |
| 6 Delete button                                  | 12 Menu button                        |
|  | 13 Review button                      |

## Side view



- 1 Slot for **optional** SD/MMC card
- 2 USB (Universal Serial Bus) port 

## Bottom view



- |                                  |                    |
|----------------------------------|--------------------|
| 1 Battery door                   | 3 Dock connector   |
| 2 Tripod socket/locator for dock | 4 Locator for dock |

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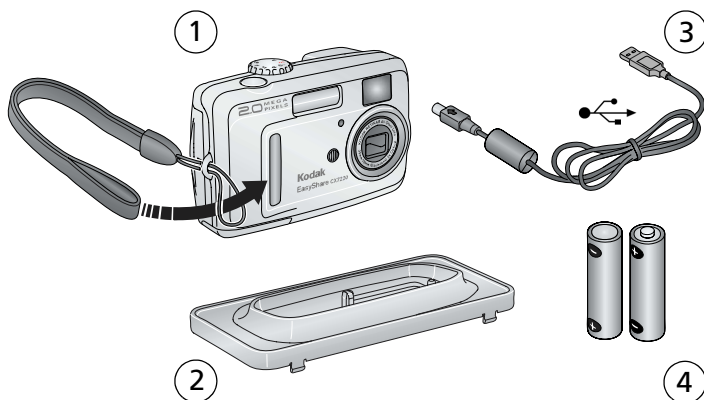
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# 1 Getting started

## Package contents



- |  |   |
|--|---|
| 1 Camera and wrist strap   | 3 USB cable                               |
| 2 Custom dock insert (for Kodak EasyShare camera dock or printer dock) | 4 2-AA non-rechargeable starter batteries |

**Not shown:** User's Guide (may be provided on CD), Start Here! guide, Kodak EasyShare software CD. Contents may change without notice.

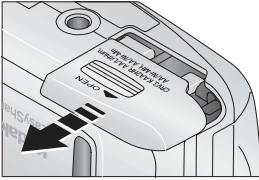
## Installing the software first

**IMPORTANT:** *Install the software from the Kodak EasyShare software CD before connecting the camera (or dock) to the computer. Otherwise, the software may load incorrectly. See [Installing the software, page 27](#) or the Start Here! guide.*



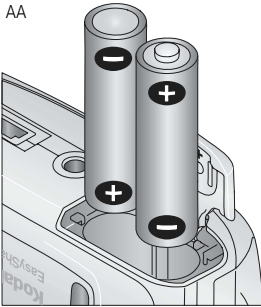
## Loading the batteries

Two AA non-rechargeable starter batteries are included with your camera.



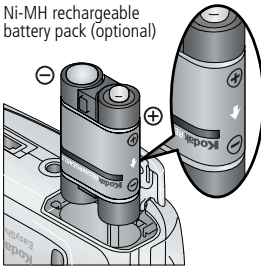
- 1 Make sure the Mode dial is set to Off (see [page 4](#)).
- 2 On the bottom of the camera, slide the battery door and lift to open.

AA



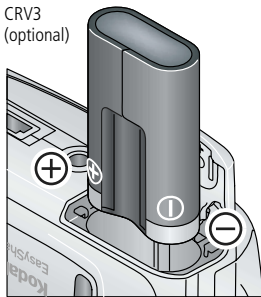
- 3 Insert the AA batteries, as shown.
- 4 Close the battery door.

Ni-MH rechargeable battery pack (optional)



If you purchased an optional Kodak EasyShare Ni-MH rechargeable battery pack (also included with the Kodak EasyShare camera dock or printer dock), insert it as shown.

CRV3 (optional)



If you purchased an optional Kodak CRV3 lithium battery (non-rechargeable), insert it as shown.

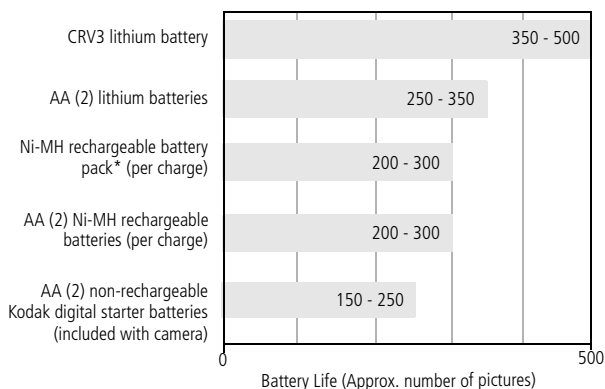
## Important battery information

### Battery safety and handling

- Do not allow batteries to touch metal objects, including coins. Otherwise, a battery may short circuit, discharge energy, become hot, or leak.
- For rechargeable battery disposal information, visit the Rechargeable Battery Recycling Corporation Web site at [www.rbcc.com](http://www.rbcc.com).

### Kodak battery replacement types/battery life

Use the following types of batteries. Actual battery life may vary based on usage.



\* Included with the Kodak EasyShare camera dock and printer dock

**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 camera screen (see [page 20](#))
  - Excessive use of the flash
  - Using the camera screen as a viewfinder (see [page 10](#))

- Visit [www.kodak.com/go/cx7220accessories](http://www.kodak.com/go/cx7220accessories) for:

**Kodak EasyShare camera dock**—powers your camera, transfers pictures to your computer, and charges the included Kodak EasyShare Ni-MH rechargeable battery pack.

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

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



**CAUTION:**

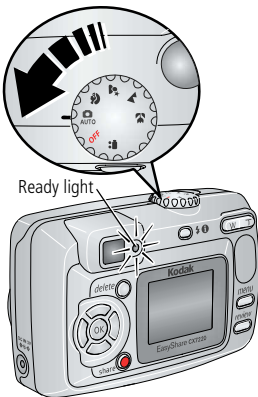
**Do not use a 5-volt AC adapter (included with the Kodak EasyShare camera dock and printer dock) to power your camera.**

- 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.

For more information on batteries, visit

[www.kodak.com/global/en/service/batteries/batteryUsage.jhtml](http://www.kodak.com/global/en/service/batteries/batteryUsage.jhtml).

## Turning the camera on and off



- Turn the Mode dial from Off to any other position.

*The ready light blinks green while the camera performs a self-check, then glows green when the camera is ready.*

- To turn off the camera, turn the Mode dial to Off.

*The camera completes operations that are in process.*

## Changing the display

If you want to	Then do this
Turn the camera screen on or off.	Press the OK button.
Change the camera screen setting so that it is on whenever the camera is on.	See <a href="#">Liveview, page 18</a> .
Show/Hide the status icons when the camera screen is off.	Press ▲.

## Selecting a language



### Selecting a language, first time

The Language screen appears the first time you turn on the camera.

- Press ▲/▼ to highlight a language, then press the OK button.

*The Set Date & Time screen is displayed in the language you selected (see [Setting the date and time, first time](#)).*

### Selecting a language, anytime

- 1 In any mode, press the Menu button.
- 2 Press ▲/▼ to highlight Setup Menu , then press the OK button.
- 3 Highlight Language , then press the OK button.
- 4 Highlight a language, then press the OK button.
- 5 Press the Menu button to exit.

*The text is displayed in the selected language.*

## Setting the date and time

### Setting the date and time, first time

The *Date & Time have been reset* message appears after the Language screen the first time you turn on the camera. It may also appear if the batteries are removed for an extended time.

- 1 SET DATE & TIME is highlighted. Press the OK button.  
(Select CANCEL to set the date and time at a later time.)
- 2 Go to Step 4 below, [Setting the date and time, anytime](#).

## Setting the date and time, anytime

- 1 In any mode, press the Menu button.
- 2 Press  $\blacktriangle/\blacktriangleright$  to highlight Setup Menu  $\equiv$ , then press the OK button.
- 3 Highlight Date & Time  $28:11$ , then press the OK button.
- 4 Press  $\blacktriangle/\blacktriangleright$  to adjust the date and time. Press  $\blacktriangle/\blacktriangleright$  to advance to the next setting.
- 5 When finished, press the OK button.
- 6 Press the Menu button to exit.

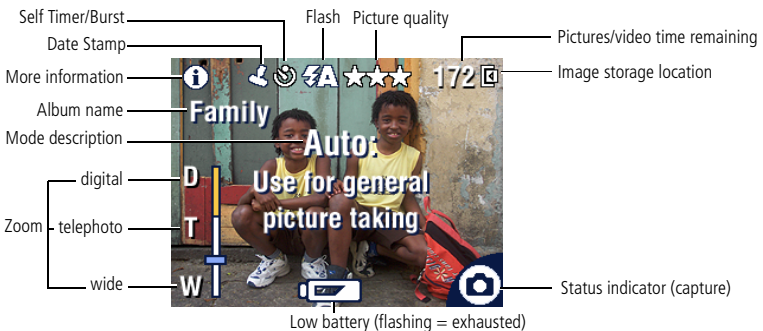
NOTE: Depending on your computer operating system, Kodak EasyShare software may update the camera clock when you connect the camera. See the EasyShare software Help for details.

## Checking camera and picture status

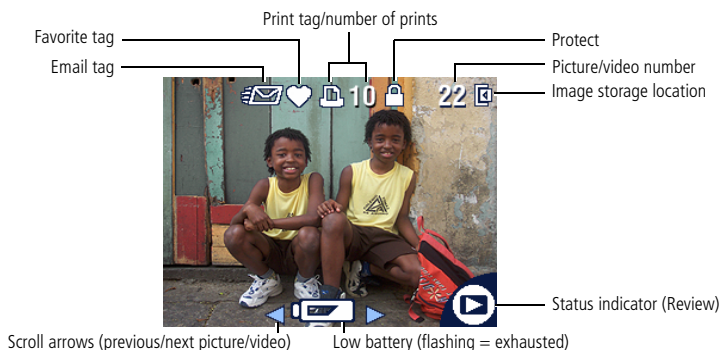
The icons that appear on the camera screen indicate the active camera and picture settings.

If  $\text{i}$  is displayed in the status area, press the Flash/Status button to display additional settings.

### Capture modes screen



## Review screen



## Storing pictures and videos on an SD/MMC card

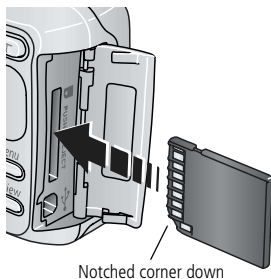
Your camera has 16 MB of internal memory. You can purchase optional SD/MMC cards for removable, reusable storage for pictures and videos.



### CAUTION:

**Insert card as shown. Forcing it may damage the camera or card.**

**Do not insert or remove a card when the green ready light is blinking; doing so may damage your pictures, card, or camera.**



To insert an SD/MMC card:

- 1 Turn off the camera and open the card door.
  - 2 Orient the card as shown.
  - 3 Push the card into the slot to seat the connector and close the card door.
- To remove the card, turn off the camera. Push the card in, then release it. When the card is partially ejected, pull it out.

**NOTE:** When using a card for the first time, we suggest you format it before you take pictures (see [page 19](#)).

To set the image storage location, see [page 15](#). For SD/MMC card storage capacities, see [Image storage capacities, page 45](#).

Purchase SD/MMC cards and other accessories at a dealer of Kodak products, or visit [www.kodak.com/go/cx7220accessories](http://www.kodak.com/go/cx7220accessories).

## 2 Taking pictures and videos

The camera is ready to take pictures or videos when you turn it on—even if you are in Review, Share, or Setup.

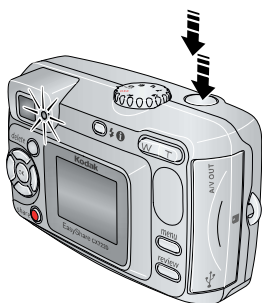
### Taking a picture

- 1 Turn the Mode dial to the Still mode you want to use. See [page 9](#) for mode descriptions.

*The camera screen temporarily displays the mode name and description. To interrupt the description, press any button.*

- 2 Use the viewfinder or camera screen to frame your subject. (Press the OK button to turn on the camera screen. See [page 10](#).)


NOTE: The position of pictures captured using the viewfinder may differ from pictures taken using the camera screen (especially in Close-up mode or when using zoom). For best results, use the camera screen to frame your subject.



- 3 Press the Shutter button **halfway and hold** to set the exposure and focus.
- 4 When the ready light turns green, continue press the Shutter button **the rest of the way down** to take the picture.

*When the ready light blinks green, the picture is being saved; you can still take pictures. If the ready light is red, wait until it turns green.*







### Taking a video

- 1 Turn the Mode dial to Video .
- 2 Use the camera screen to frame your subject.
- 3 Press the Shutter button and release. To stop recording, press the Shutter button again.

NOTE: You can also press the Shutter button **and hold it** for more than 2 seconds to begin recording. To stop recording, release the Shutter button.

Recording stops if image storage is full (see [Video storage capacity, page 46](#)).

## Capture modes

Use this mode	For
 <b>Auto</b> <b>AUTO</b>	General picture-taking. Automatically sets exposure, focus, and flash.
 <b>Portrait</b>	Full-frame portraits of people. Subject is sharp and the background is indistinct. Subject should be at least 6 ft (2 m) away and fill the frame with a head and shoulders pose.
 <b>Night</b>	Night scenes or low-light conditions. Place the camera on a flat, steady surface or use a tripod. Due to slow shutter speeds, advise people to stay still for a few seconds after the flash fires.
 <b>Landscape</b>	Distant subjects. Flash does not fire unless you turn it on. Auto-focus framing marks are not available in Landscape.
 <b>Close-up</b>	Close subjects 3.9-23.6 in. (10-60 cm) from the lens in Wide Angle; 7.9-23.6 in.(20-60 cm) in Telephoto. Use available light instead of flash if possible. Use the camera screen to frame the subject.
 <b>Video</b>	Capture video with sound. See <a href="#">Taking a video, page 8</a> .



## Using the camera screen as a viewfinder

NOTE: To prolong battery life, use the Liveview feature sparingly.



- 1 Turn the Mode dial to any Still mode.
- 2 Press the OK button to turn on the camera screen.
- 3 Frame your subject in the camera screen.
- 4 Press the Shutter button **halfway and hold** to set the exposure and focus.  
*When the framing marks turn red, focus is accomplished.*
- 5 Press **the rest of the way down** to take the picture.


NOTE: Framing marks appear only when the camera screen is on.  
Framing marks do not appear in Landscape or Video mode.

- To turn off the camera screen, press the OK button.

To make the camera screen turn on whenever the camera is on, see [Liveview](#), page 18.

## Reviewing the picture or video just taken

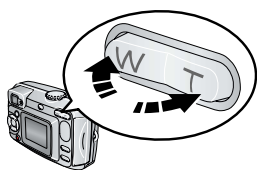
After you take a picture or video, it appears on the camera screen for approximately 5 seconds. While it is displayed, you can:

- **Review:** If you take no action, the picture/video is saved.
- **Play (video):** Press the OK button to play the video.
- **Share:** Press the Share button to tag a picture/video for email, or as a Favorite, or to tag a picture for print (see [page 29](#)).
- **Delete:** Press the Delete button while the picture/video and  are displayed.

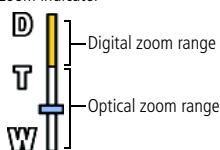
NOTE: Only the final picture of a burst series (see [page 14](#)) is displayed. If you select Delete, all pictures in the burst series are deleted. To delete selectively, do so in Review (see [page 21](#)).

## Using optical zoom

Use optical zoom to get up to 2X closer to your subject. Optical zoom is effective when the lens is no closer than 19.7 in. (50 cm) to the subject. You can change optical zoom before (but not during) video recording.



Zoom indicator



- 1 Use the camera screen to frame your subject (see [page 10](#)).
- 2 Press the Telephoto (T) button to zoom in. Press the Wide Angle (W) button to zoom out.  
*The zoom indicator on the camera screen shows when you are in optical or digital zoom.*
- 3 Take a picture or video as usual.

## Using digital zoom

Use digital zoom in any Still mode to get an additional 3X magnification beyond optical zoom. Combined zoom settings are from 2.1X to 6.0X. You must turn on the camera screen to activate digital zoom.

**IMPORTANT:** *You may notice a decrease in printed image quality when using digital zoom. The blue slider on the zoom indicator pauses, then turns red when the picture quality is less than 1 MP. For an acceptable 4 x 6 in. (10 x 15 cm) print, ensure that the slider remains blue.*

- 1 Press the OK button to turn on the camera screen.
- 2 Press the Telephoto (T) button to the optical zoom limit (2X). Release the button, then press it again.  
*The camera screen displays the zoomed image and the zoom indicator.*
- 3 Press the Shutter button **halfway and hold** to set the exposure and focus, then press **the rest of the way down** to take the picture.

**NOTE:** You cannot use digital zoom for video recording.


## Using the flash

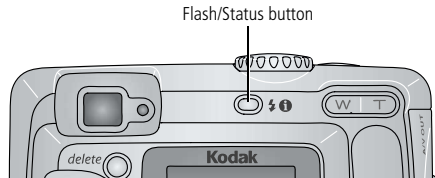
Use the flash when you take pictures at night, indoors, or outdoors in heavy shadows.





NOTE: Flash is unavailable in Video mode.

	Flash Range
Wide Angle	1.6-11.8 ft (0.5-2.8 m)
Telephoto	1.6-6.9 ft (0.5-2.1 m)

## Choosing a flash option

Press the  button to scroll through the flash options. The active flash icon is displayed in the camera screen status area.









Flash mode	Flash fires
 <b>Auto</b>	When the lighting conditions require it.
 <b>Off</b>	Never.
 <b>Fill</b>	Every time you take a picture, regardless of the lighting conditions. Use when the subject is in shadow or is "backlit" (when the sun is behind the subject). In low light, hold the camera steady or use a tripod.
 <b>Red-eye</b>	Once so the subject's eyes become accustomed to the flash, then fires again when the picture is taken.

NOTE: The default flash setting is restored when you exit the mode or turn off the camera (see [page 13](#)).

## Flash settings in each mode

For the best possible pictures, flash settings are preset for each capture mode.

Capture mode		Default setting	Available settings (press the Flash/Status button to change)
 <b>AUTO</b>	<b>Auto</b>	Auto*	Auto, Off, Fill, Red-eye
	<b>Portrait</b>	Auto*	
	<b>Night</b>	Auto*	
	<b>Landscape</b>	Off	
	<b>Close-up</b>	Off	
	<b>Video</b>	Off	None

\* When you change to Red-eye in these modes, it remains until you change it. All other flash settings return to the default when you edit the mode or turn off the camera.




NOTE: Flash is disabled if Burst is on (see [page 14](#)).







## Changing picture-taking settings

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

- 1 Press the Menu button.
- 2 Press ▲/▼ to highlight the setting you wish to change, then press the OK button.
- 3 Choose an option, then press the OK button.
- 4 Press the Menu button to exit.




NOTE: Some settings are unavailable in some modes.


Setting	Icon	Options
<b>Self Timer</b> Put yourself in the picture or video.		See <a href="#">Putting yourself in the picture or video, page 16</a> .
<b>Exposure Compensation</b> (Still modes) Choose how much light enters the camera. <i>This setting remains until you change it or exit the current capture mode.</i>		If pictures are too dark, increase the value. If pictures are too light, decrease the value.
<b>Burst</b> (Still modes) Take up to 3 pictures in quick succession. <i>This setting remains until you change it or turn off the camera.</i> NOTE: The camera stops taking pictures when you release the Shutter button, when 3 pictures are taken, or when there is no more storage space. Exposure, focus, white balance, and orientation are set for the first picture and applied to all pictures. Flash and Self Timer are disabled when Burst is on.		<b>On</b> <b>Off (default)</b>

Setting	Icon	Options
<p><b>Picture Quality</b> (Still modes) Set picture resolution. <i>This setting remains until you change it.</i></p>		<p><b>Best ★★★ (default)</b>—(2.0 MP) for printing up to 8 x 10 in. (20 x 25 cm).  <b>Best (3:2) ★★★</b>—(1.8 MP) ideal for printing            4 x 6 in. (10 x 15 cm) prints without cropping. Also for printing up to 8 x 10 in. (20 x 25 cm); some cropping may result.  <b>Better ★★</b>—(1.1 MP) for printing up to 5 x 7 in. (12.7 x 17.8 cm).  <b>Good ★</b>—(0.5 MP) for emailing, Internet, or screen display, or for conserving space.</p>
<p><b>Color Mode</b> (Still modes) Choose color tones. <i>This setting remains until you change it or turn the Mode dial.</i></p>		<p><b>Color (default)</b>—for color pictures.  <b>Black &amp; White</b>—for black and white pictures.  <b>Sepia</b>—for pictures with a reddish-brown, antique look.</p>
<p><b>Set Album</b> Choose Album names.</p>		<p>See <a href="#">Pre-tagging for album names, page 17</a>.</p>
<p><b>Video Length</b> (Video mode) Choose the amount of recording time for videos. <i>This setting remains until you change it.</i></p>		<p><b>Unlimited</b>— (default, as long as there is room on the card or internal memory, or until the Shutter button is pressed.)  <b>5, 15, or 30</b>—seconds            NOTE: If the current image storage location does not have adequate space, some video length options do not appear. See <a href="#">page 46</a> for storage capacities.</p>
<p><b>Image Storage</b> Choose an image storage location. <i>This setting remains until you change it.</i></p>		<p><b>Auto (default)</b>—the camera uses the card if one is in the camera. If not, the camera uses internal memory.  <b>Internal</b> —the camera always uses internal memory, even if a card is inserted.</p>
<p><b>Setup Menu</b> Choose additional settings.</p>		<p>See <a href="#">Customizing your camera, page 18</a>.</p>

## Putting yourself in the picture or video

Use Self Timer to create a 10-second delay between the time you press the Shutter button and the time the picture or video is taken.

- 1 Turn the Mode dial to any Still mode for pictures, or to Video  for videos, then press the Menu button.
- 2 Press  to highlight Self Timer , then press the OK button.
- 3 Highlight On, then press the OK button.
- 4 Press the Menu button to turn off the menu screen.
- 5 Place the camera on a flat surface or use a tripod.
- 6 Compose the scene. Take a picture or video as usual, then move so that you are in the scene.

*The Self Timer icon  is displayed in the status area.*

*The Self Timer light blinks slowly for 8 seconds (then quickly for 2 seconds) before the picture is taken.*

*The Self Timer turns off after you take the picture or if you change modes.*

NOTE: The default video length is Unlimited. The video will stop when you press the Shutter button or when no storage space remains. To change the video length, see [Video Length](#), page 15.

Self Timer is disabled if Burst is on (see [page 14](#)).


## Pre-tagging for album names

Use the Set Album (Still or Video) feature to pre-select album names *before* you take pictures. 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 [Installing the software, page 27](#)), to create album names on your computer, then copy up to 32 album names to the camera's internal memory. See the EasyShare software Help for details.

### Second—on your camera

- 1 In any mode, press the Menu button.
- 2 Press / to highlight Set Album (Still or Video) , then press the OK button.
- 3 Highlight an album name, then press the OK button.  
Repeat to select more than one album name.  
*Selected albums are noted with a check mark.*
- 4 To remove a selection, highlight the album name then 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 camera screen, your album selection appears on the screen. A plus (+) after the album name means more than one album is selected.*
- 6 Press the Menu button to exit.  
*This setting remains until you change it.*


### Third—transfer to your computer

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














## Customizing your camera

Use the Setup Menu to customize your camera settings.

- 1 Press the Menu button.
- 2 Press  $\blacktriangle/\blacktriangledown$  to highlight Setup Menu , then press the OK button.
- 3 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.

NOTE: Some settings are unavailable in some modes.

Setting	Icon	Options
<b>Return</b> Return to previous menu.		
<b>Liveview</b> Set the camera screen on/off default. Press OK to manually turn the screen on or off (see <a href="#">page 10</a> ). <i>This setting remains until you change it.</i>		<b>On</b> —camera screen is on whenever the camera is on. <b>Off (default)</b> —camera screen is off.
<b>Date &amp; Time</b> Set the date and time. <i>This setting remains until you change it.</i>		See <a href="#">page 5</a> .
<b>Video Out</b> Choose the regional setting that lets you connect the camera to a television or other external device. <i>This setting remains until you change it.</i>		<b>NTSC (default)</b> —used in most countries except those in Europe and China. North America and Japan use NTSC. <b>PAL</b> —used in Europe and China.
<b>Orientation Sensor</b> Orient pictures so they are displayed with the correct side up.		<b>On (default)</b> <b>Off</b>

Setting	Icon	Options
<p><b>Date Stamp</b> (Still modes) Imprint the date on pictures. <i>This setting remains until you change it.</i></p>		<p>Turn the Date Stamp on or off, or change the date stamp format.</p>
<p><b>Video Date Display</b> (Video mode) Display capture date and time before the video starts. <i>This setting remains until you change it.</i></p>		<p>Choose None, or choose a date and time format.</p>
<p><b>Language</b> Display the camera screen text in different languages. <i>This setting remains until you change it.</i></p>		<p>See <a href="#">page 5</a>.</p>
<p><b>Format</b> Format camera memory.</p> <p> <b>CAUTION:</b> <b>Formatting deletes all pictures and videos, including those that are protected. Removing a card during formatting may damage the card.</b></p>		<p><b>Memory Card</b>—deletes everything on the card; formats the card.</p> <p><b>Cancel</b>—exits without making a change.</p> <p><b>Internal Memory</b>—deletes everything in internal memory including email addresses, album names, and Favorites; formats the internal memory.</p>
<p><b>About</b> View camera model and firmware information.</p>		

# 3

## Reviewing pictures and videos

Press the Review button to view and work with your pictures and videos. To save battery power, purchase a Kodak 3-volt AC adapter or place your camera in a compatible Kodak EasyShare camera dock or printer dock.

Purchase these and other accessories at a dealer of Kodak products, or visit [www.kodak.com/go/cx7220accessories](http://www.kodak.com/go/cx7220accessories).

**Remember, you can press the Shutter button to take a picture anytime—even in Review.**

### Viewing single pictures and videos

- 1 Press the Review button.
- 2 Press ◀/▶ to scroll backward or forward through pictures and videos. (For fast scrolling, press and hold ◀/▶).
- 3 Press the Review button to exit.

NOTE: Pictures taken at the Best (3:2) quality setting are displayed at a 3:2 aspect ratio with a black bar at the top of the screen.

### Viewing multiple pictures and videos

- 1 Press the Review button.
- 2 Press ▼.

NOTE: You can also press the Menu button, highlight Multi-up , then press the OK button.

*Thumbnails of pictures and videos appear.*

- To display the previous or next row of thumbnails, press ▲/▼.
- To scroll through the thumbnails one at a time, press ◀/▶.
- To display a single view of the selected picture, press the OK button.

- 3 Press the Review button to exit.

## Playing a video

- 1 Press the Review button.
- 2 Press ◀/▶ to locate a video (or to highlight one in multiple view).
- 3 Press the OK button to play or pause a video.

NOTE: You can also press the Menu button, highlight Play Video , then press the OK button.

- To rewind a video, press ◀ during playback.
- To replay the video, press the OK button.
- To go to the previous or next picture or video, press ◀/▶.

- 4 Press the Review button to exit.

NOTE: The camera does not have a built-in speaker. There is no sound during playback.











## Deleting pictures and videos

- 1 Press the Review button.
- 2 Press ◀/▶ to locate a picture or video (or highlight one in multiple view), then press the Delete button.
- 3 Press ▲/▼ to highlight an option, then press the OK button:
  - PICTURE or VIDEO**—deletes the displayed picture or video.
  - EXIT**—exits the Delete screen.
  - ALL**—deletes all pictures and videos from your current image storage location.
- 4 To exit, highlight Exit then press the OK button; or just press the Delete button again.

NOTE: You cannot delete protected pictures and videos without first removing protection (see [page 23](#)).

## Changing optional review settings

During Review, press the Menu button for optional settings.




	Magnify (pictures) (page 22)		Slide Show (page 24)
	Play Video (page 21)		Copy (page 25)
	Album (page 23)		Multi-up (page 20)
	Protect (page 23)		Picture/Video Information (page 26)
	Image Storage (page 15)		Setup Menu (page 18)

## Magnifying pictures

- 1 Press the Review button, then locate a picture.
- 2 To magnify at 2X, press the OK button. To magnify at 4X, press the OK button again. To redisplay the picture at the 1X (original) size, press the OK button again.


NOTE: You can also press the Menu button, highlight Magnify , then press the OK button.


*The picture is magnified. The magnification value is displayed.*

- Press   to see different parts of the picture.
- To locate a different picture, press .
- To exit Magnify, press the Menu button.

- 3 Press the Review button to exit.

## Protecting pictures and videos from deletion

- 1 Press the Review button, then locate the picture or video to protect.
- 2 Press the Menu button.
- 3 Press / to highlight Protect , then press the OK button.

*The picture or video is protected and cannot be deleted. The Protect icon  is displayed in the status area.*

- To remove protection, press the OK button again.

- 4 Press the Menu button to exit.



### CAUTION:

**Formatting internal memory or SD/MMC card deletes all (including protected) pictures and videos. Formatting internal memory also deletes email addresses, album names, and Favorites. To restore them, see the Kodak EasyShare software Help.**


## Tagging pictures and videos for albums

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

### First—on your computer

Use Kodak EasyShare software (V 3.0 or higher) to create album names on your computer, then copy up to 32 album names to the camera's internal memory. See the EasyShare software Help for details.

### Second—on your camera

- 1 Press the Review button.
- 2 Press / to locate a picture or video, then press the Menu button.
- 3 Press / to highlight Album , then press the OK button.

- 4 Highlight an album folder, then press the OK button.

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

- To add other pictures to the same album, press ◀/▶ to scroll through the pictures. When the picture you want appears, press the OK button.
- To add the pictures to more than one album, repeat Step 4 for each album.
- To remove a selection, highlight an album name, then press the OK button.
- To remove all album selections, select Clear All.

- 5 Highlight Exit, then press the OK button.

*Your selections are saved.*

- 6 Press the Menu button to return to the Review screen.


### Third—transfer to your computer

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

## Running a slide show

Use the Slide Show to display your pictures and videos on the camera screen. To run a slide show on a television or on any external device, see [page 25](#). To save battery power, use an optional Kodak 3-volt AC adapter. Purchase this and other accessories at a dealer of Kodak products, or visit [www.kodak.com/go/cx7220accessories](http://www.kodak.com/go/cx7220accessories).

### 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 Highlight Begin Show, then press the OK button.  
*Each picture and video appears once, in the order in which you took them.*
- 4 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 increase the display interval to up to 60 seconds.

- 1 On the Slide Show menu, press ▲/▼ to highlight Interval, then press the OK button.
- 2 Select a display interval. To scroll through the seconds quickly, press and hold ▲/▼.
- 3 Press the OK button.

*This setting remains until you change it.*

## Running a continuous slide show loop

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

- 1 On the Slide Show menu, press ▲/▼ to highlight Loop, then press the OK button.
- 2 Highlight On, then press the OK button.

*The next time you run a slide show, it repeats until you press the OK button or until battery power is exhausted. This setting remains until you change it.*

## Displaying pictures and videos on a television

You can display pictures and videos on a television, computer monitor, or any device equipped with a video input using a compatible Kodak EasyShare printer dock and an optional audio/video (A/V) cable. See the printer dock user's guide for details. (Image quality on a television screen may not be as good as on a computer monitor or when printed.)

Purchase these and other accessories at a dealer of Kodak products, or visit [www.kodak.com/go/cx7220accessories](http://www.kodak.com/go/cx7220accessories).

## 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 camera's image storage location is set to the location **from** which you are copying. See [page 15](#).



### 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 Highlight an option, then press the OK button:

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



**EXIT**—returns to the Review menu.

**ALL**—copies all pictures and videos from your selected image storage location to the other location.

NOTE: Pictures and videos are copied, not moved. To remove pictures and videos from the original location after they are copied, delete them (see [page 21](#)).

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 23](#).

## Viewing picture and video information

- 1 Press the Review button, then press the Menu button.
- 2 Press ▲/▼ to highlight Picture Info  or Video Info , then press the OK button.
- 3 To view information on the next or previous picture or video, press ◀/▶.
- 4 Press the Menu button to exit.

# 4

## Installing the software

### Minimum system requirements

#### Windows OS-based computers

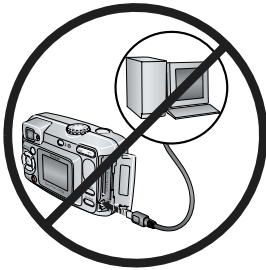
- Windows 98, 98SE, ME, 2000 SP1, or XP OS
- Internet Explorer 5.01 or higher
- 233 MHz processor or greater
- 64 MB RAM (128 MB RAM for Windows XP OS)
- 200 MB hard disk space available
- CD-ROM drive
- Available USB port
- Color monitor, 800 x 600 pixels (16-bit or 24-bit recommended)

#### Macintosh computers

- Power Mac G3, G4, G5, G4 Cube, iMac; PowerBook G3, G4; or iBook computers
- Mac OS X version 10.2.3, 10.3
- Safari 1.0 or higher
- 128 MB RAM
- 200 MB hard disk space available
- CD-ROM drive
- Available USB port
- Color monitor, 1024 x 768 pixels (thousands or millions of colors recommended)

NOTE: Mac OS 8.6 and 9.x do not support the Share button functions. Mac OS X version 10.2.3 or 10.3 is recommended for full functionality. To download EasyShare software for Mac OS 8.6 and 9.x, visit [www.kodak.com/go/cx7220downloads](http://www.kodak.com/go/cx7220downloads).

## Install the software



### CAUTION:

Install Kodak EasyShare software before connecting the camera or optional camera 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-based computer**—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.

**Windows OS-based computer**—select Complete to automatically install the most commonly used applications. Select Custom to choose the applications you wish to install.

**Mac OS X**—follow the on-screen instructions.

**NOTE:** When prompted, take a few minutes to electronically register your camera and software. This lets you receive information regarding software updates and registers some of the products included with the camera. You must be connected to your Internet service provider to register electronically. To register later, see [www.kodak.com/go/register](http://www.kodak.com/go/register).




- 5 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 Kodak EasyShare software CD, click the Help button in the EasyShare software.

# 5 Sharing pictures and videos



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



	Pictures	Videos
 Print ( <a href="#">page 29</a> )	✓	
 Email ( <a href="#">page 30</a> )	✓	✓
 Favorites ( <a href="#">page 31</a> )	✓	✓

NOTE: Tags remain until removed. If a tagged picture or video is copied, the tag is **not** copied. If you tag a picture just after taking a burst series (see [page 14](#)), only the last picture is tagged.

## Tagging pictures for printing

- 1 Press the Share button.
- 2 Press ◀/▶ to locate a picture.
- 3 Press ▲/▼ to highlight Print  (to tag all pictures in the current image storage location, highlight Print All ) , then press the OK button.

- 4 Press / to select the number of copies (0 - 99). The default is one. Zero removes the tag for a selected picture.

*The Print icon is displayed in the status area.*

- To apply a print quantity to other pictures, press / to locate them. Keep the print quantity as is, or press / to change it.

- 5 Press the OK button.
- 6 Press the Share button to exit.

NOTE: To remove print tagging from all pictures; from the Share menu, highlight Cancel Prts , then press the OK button.

## Printing tagged pictures

When you transfer the tagged pictures to your computer, the Kodak EasyShare software print screen opens. See the EasyShare software Help for details.

For more information on printing from your computer or card, see [page 32](#).

NOTE: For the best 4 x 6 in. (10 x 15 cm) prints, set the camera to Best (3:2) picture quality (see [page 15](#)).

## 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. See the EasyShare software Help for details.

### Second—tag on your camera

- 1 Press the Share button.
- 2 Press / to locate a picture or video.
- 3 Highlight Email , then press the OK button.
- 4 Highlight an email address, then press the OK button.

*The selected address is checked.*







- To tag other pictures and videos with the same address, press / to locate them. When the picture or video you want appears, press the OK button.
- To send pictures and videos to more than one address, repeat Step 3 for each address.

- To remove a selection, highlight a checked address, then press the OK button.
  - To remove all email selections, highlight Clear All, then press the OK button.
- 5 Highlight Exit, then press the OK button.  
*The selections are saved. The email icon  is displayed in the status area.*
  - 6 Press the Share button to exit.

### Third—transfer and email

When you transfer the tagged pictures and videos to your computer, the Kodak EasyShare software email screen opens and lets you send them to the addresses you specified. See the EasyShare software Help for details.

## Tagging pictures and videos as favorites

- 1 Press the Share button.
- 2 Press /  to locate a picture or video.
- 3 Press /  to highlight Favorite , then press the OK button.  
*The Favorite icon  is displayed in the status area.*
  - To remove the tag, press the OK button again.
- 4 Press the Share button to exit.

### Using favorites on your computer

When you transfer the tagged pictures and videos to your computer, use Kodak EasyShare software to retrieve, organize, and label them by subject, date, event, or any category you choose. See the EasyShare software Help for details.

## Need help?

Click the Help button in the Kodak EasyShare software for details on creating address books, and printing, emailing, and organizing tagged pictures on your computer.

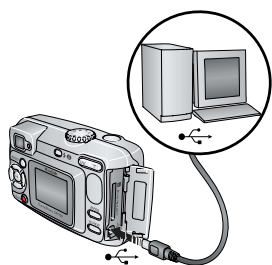
## 6 Transferring and printing pictures




### CAUTION:

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

### Transferring pictures and videos with the USB cable



- 1 Turn off the camera.
- 2 Plug the labeled  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 labeled USB port on the camera.
- 4 Turn on the camera.

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

NOTE: For a tutorial on connecting, see the Kodak EasyShare software CD, or visit [www.kodak.com/go/howto](http://www.kodak.com/go/howto).

You can also use a Kodak multi-card reader or Kodak SD multimedia card reader-writer to transfer your pictures.

### Printing pictures from your computer

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

## Ordering prints online

Kodak EasyShare print service (provided by Ofoto at [www.ofoto.com](http://www.ofoto.com)) is one of the many online print services offered in the 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 from an optional SD/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. (Contact a location prior to visiting. Visit [www.kodak.com/go/picturemaker](http://www.kodak.com/go/picturemaker).)
- Take the card to your local photo retailer for professional printing.

## Printing without a computer

Dock your camera to a compatible Kodak EasyShare printer dock and print directly—without using a computer. Purchase this and other accessories at a dealer of Kodak products, or visit [www.kodak.com/go/cx7220accessories](http://www.kodak.com/go/cx7220accessories).



## 7

# Troubleshooting

When you have questions about your camera, start here. Additional technical information is available in the ReadMe file located on the Kodak EasyShare software CD. For updates to Troubleshooting information, visit [www.kodak.com/go/cx7220support](http://www.kodak.com/go/cx7220support).

## Camera problems

If...	Try one or more of the following
The camera does not turn on	<ul style="list-style-type: none"> <li>■ Remove, then reinsert the batteries.</li> <li>■ Insert new batteries. If using rechargeable batteries, charge before inserting.</li> <li>■ Place the camera on a Kodak EasyShare camera or printer dock (sold separately), then try again.</li> <li>■ Connect the camera to a Kodak 3-volt AC adapter (sold separately), then try again.</li> </ul> See <a href="#">page 2</a> and <a href="#">page 3</a> for more information.
The camera does not turn off and the lens does not retract	
Camera buttons and controls do not function	
The camera screen does not turn on	<ul style="list-style-type: none"> <li>■ In any capture mode, press the OK button.</li> <li>■ Turn the camera off, then on again.</li> </ul> To change the camera screen setting so that it is on whenever the camera is on, see <a href="#">Liveview, page 18</a> .
In Review, a blue or black screen is displayed instead of a picture	<ul style="list-style-type: none"> <li>■ Transfer the picture to the computer.</li> <li>■ Transfer <i>all</i> pictures to the computer.</li> </ul> See <a href="#">page 32</a> .
The pictures remaining number does not decrease after taking a picture	<ul style="list-style-type: none"> <li>■ Continue taking pictures. The camera is operating normally.</li> </ul> (The camera estimates the number of pictures remaining after each picture is taken, based on picture quality and content.)

If...	Try one or more of the following
You cannot take a picture	<ul style="list-style-type: none"> <li>■ Turn the camera off, then on again.</li> <li>■ Depress the Shutter button all the way (page 8).</li> <li>■ Insert new batteries. If using rechargeable batteries, charge before inserting (page 2 and page 3).</li> <li>■ Wait until the ready light is green before attempting to take another picture.</li> <li>■ Transfer pictures to the computer (page 32), delete pictures from the camera (page 21), switch image storage locations (page 15), or insert a card with available memory (page 7).</li> </ul>
Picture orientation is not accurate	<ul style="list-style-type: none"> <li>■ Set the Orientation Sensor (page 18).</li> </ul>
Flash does not fire	<ul style="list-style-type: none"> <li>■ Check flash setting, and change as needed (see page 12).</li> </ul>
Battery life is short	<ul style="list-style-type: none"> <li>■ Wipe the contacts with a clean, dry cloth (page 3) before loading batteries in the camera.</li> <li>■ Insert new batteries. If using rechargeable batteries, charge before inserting (page 2 and page 3).</li> </ul>
Picture taken does not appear as framed in viewfinder	<ul style="list-style-type: none"> <li>■ For best results (especially in Close-up mode or when using zoom) use the camera screen to frame your subject (page 10).</li> </ul>

## Computer/connectivity problems

If...	Try one or more of the following
The computer does not communicate with the camera	<ul style="list-style-type: none"> <li>■ Turn on the camera.</li> <li>■ Insert new batteries. If using rechargeable batteries, charge before inserting (page 2 and page 3).</li> <li>■ Make sure USB cable is securely connected on camera and computer port (page 32).</li> <li>■ Make sure the EasyShare software is installed (page 27).</li> </ul>
Slide Show does not run on an external video device	<ul style="list-style-type: none"> <li>■ Adjust the camera Video Out setting (NTSC or PAL, page 18).</li> <li>■ Make sure the external device settings are correct (see the device's user's guide).</li> </ul>

## Picture quality problems

If...	Try one or more of the following
The picture is too dark or underexposed	<ul style="list-style-type: none"> <li>■ Use Fill flash (page 12) or change your position so light is not behind the subject.</li> <li>■ Move so that the distance between you and the subject is within the effective flash range (see page 12).</li> <li>■ To automatically set exposure and focus, press the Shutter button <b>halfway and hold</b>. When the ready light glows green, press the Shutter button <b>the rest of the way down</b> to take the picture.</li> <li>■ Increase Exposure Compensation (page 14) and try again.</li> </ul>
The picture is too light	<ul style="list-style-type: none"> <li>■ Turn flash off (page 12).</li> <li>■ Move so that the distance between you and the subject is within the effective flash range (see page 12).</li> <li>■ To automatically set exposure and focus, press the Shutter button <b>halfway and hold</b>. When the ready light glows green, press the Shutter button <b>the rest of the way down</b> to take the picture.</li> <li>■ Decrease Exposure Compensation (page 14) and try again.</li> </ul>
The picture is not clear	<ul style="list-style-type: none"> <li>■ To automatically set exposure and focus, press the Shutter button <b>halfway and hold</b>. When the ready light glows green, press the Shutter button <b>the rest of the way down</b> to take the picture.</li> <li>■ Make sure camera is not in Close-up mode if you are more than 23.6 in (60 cm) from your subject.</li> <li>■ Place the camera on a flat, steady surface or use a tripod.</li> <li>■ Clean the lens (page 44).</li> </ul>

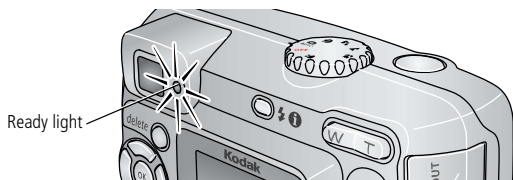
## Camera screen messages

Message	Cause	Solution
No images to display	There are no pictures in the current image storage location.	Change image storage location setting (page 15).
Memory card requires formatting	Card is corrupted or formatted for another digital camera.	Insert a new card (page 7) or format the card (page 19). <b>Caution:</b> Formatting a card deletes all pictures and videos, including protected files.
Memory card cannot be read (Please format memory card or insert another card)		

Message	Cause	Solution
Remove USB cable in camera Restart computer if needed	USB cable is connected to camera while docked.	Unplug the USB cable from the camera.
Internal memory requires formatting	Camera internal memory is corrupted.	Format the internal memory (page 19). <b>Caution:</b> Formatting deletes all pictures and videos, including protected files. (Formatting internal memory also deletes email addresses, album names, and Favorites. To restore them, see the Kodak EasyShare software Help.)
Internal memory cannot be read (Please format internal memory)		
No memory card (Files not copied)	There is no card in the camera. Pictures were not copied.	Insert a card (page 7).
Not enough space to copy files (Files not copied)	There is not enough space in the image storage location you are copying to (internal memory or the card).	Delete pictures from the image storage location you are copying to (page 21), or insert a new card (page 7).
Memory card is locked (Insert new memory card)	Card is write-protected.	Insert a new card (page 7) or change the image storage location to internal memory (page 15).
Read-only memory card, change to internal memory to capture		
Recording stopped due to slow memory card Do not remove card until processing complete	SD/MMC card does not support write speed. Older memory cards process videos slower than newer cards.	Insert a new card (page 7) or change the image storage location to internal memory (page 15).
Memory card speed is slow Record video in internal memory or change card		

Message	Cause	Solution
Date and time have been reset	This is the first time you turned on the camera; or the batteries have been removed for an extended period of time; or the batteries are exhausted.	Reset the clock ( <a href="#">page 5</a> ).
No address book on camera (Connect with computer to import address book)	Email addresses have not been copied to the camera from the computer.	Create and copy address book from computer. See the Kodak EasyShare software Help.
No album names on camera (Connect with computer to import album names)	Album names have not been copied to the camera from the computer.	Create and copy album names from computer. See the Kodak EasyShare software Help.
Can only mark image with 32 album names. Only the first 32 album names will be saved	The maximum number of album names (32) has been associated with an image. NOTE: Albums previously associated with an image persist even though they may not be contained in current album file on camera.	Delete one or more album names associated with the image ( <a href="#">page 23</a> ).
High camera temperature. (Camera will be turned off.)	Internal temperature of the camera is too high for the camera to operate. The viewfinder light glows red and the camera turns off.	Leave the camera off until it's cool to the touch, then turn it back on.
Unrecognized file format	Camera cannot read the picture format.	Transfer the picture to the computer ( <a href="#">page 32</a> ), or delete it ( <a href="#">page 21</a> ).
Camera error #XXXX. See user's guide.	An error is detected.	Turn the Mode dial off, then back on.

## Camera ready light status



Status	Cause/solution
Ready light glows steady green.	Camera is on; ready to take a picture or video.
	Shutter button is pressed halfway down. Focus and exposure are set.
Ready light blinks green.	Picture is being processed and saved to the camera.
	Pictures are being transferred to computer, camera is connected.
	Camera firmware upgrade is in process.
Ready light blinks amber.	Flash is not charged. Wait. Resume picture taking when the light stops blinking and glows steady green.
	Auto exposure or auto focus are not locked. Release the Shutter button and recompose the picture.
Ready light glows steady red.	Camera's internal memory or card is full. Transfer pictures to the computer (page 32), delete pictures from the camera (page 21), switch storage locations (page 15), or insert a card with available memory (page 7).
	Camera is processing. Wait. Resume picture taking when the light turns green.
	Card is read-only. Change storage location to internal memory (page 15), or use a different card.
	Camera DRAM is full and video recording is stopped. Recording resumes using internal memory or SD/MMC card.
Ready light blinks red and camera turns off.	Insert new batteries. If using rechargeable batteries, charge before inserting (page 2 and page 3).

### Still having problems?

Visit [www.kodak.com/go/cx7220support](http://www.kodak.com/go/cx7220support), or see [Chapter 8, Getting help](#).

# 8

## Getting help

### Helpful Web links

Help with your camera	<a href="http://www.kodak.com/go/cx7220support">www.kodak.com/go/cx7220support</a>
Help with Windows operating system and working with digital pictures	<a href="http://www.kodak.com/go/pcbasics">www.kodak.com/go/pcbasics</a>
Download the latest camera software and firmware	<a href="http://www.kodak.com/go/cx7220downloads">www.kodak.com/go/cx7220downloads</a>
Optimize your printer for truer, more vibrant colors	<a href="http://www.kodak.com/go/onetouch">www.kodak.com/go/onetouch</a>
Get support for cameras, software, accessories, more	<a href="http://www.kodak.com/go/support">www.kodak.com/go/support</a>
Purchase camera accessories	<a href="http://www.kodak.com/go/cx7220accessories">www.kodak.com/go/cx7220accessories</a>
Register your camera	<a href="http://www.kodak.com/go/register">www.kodak.com/go/register</a>
View online tutorials	<a href="http://www.kodak.com/go/howto">www.kodak.com/go/howto</a>

### Software help

Click the Help button in the Kodak EasyShare software. Also, see the tutorial on the CD for help with connecting your camera to a computer.

### Telephone customer support

If you have questions concerning the operation of the software or camera, you may speak with a customer support representative.

### Before you call

Have the camera, camera dock, or printer dock connected to your computer. Be at your computer, and have the following information available:

- Computer model
- Operating system
- Processor type and speed (MHz)
- Amount of memory (MB)
- Amount of free hard disk space
- Version of Kodak EasyShare software
- Camera serial number
- Exact error message you received

Australia	1800 147 701	Netherlands	020 346 9372
Austria	0179 567 357	New Zealand	0800 440 786
Belgium	02 713 14 45	Norway/Norge	23 16 21 33
Brazil	0800 150000	Philippines	1 800 1 888 9600
Canada	1 800 465 6325	Portugal	021 415 4125
China	800 820 6027	Singapore	800 6363 036
Denmark	3 848 71 30	Spain	91 749 76 53
Ireland	01 407 3054	Sweden	08 587 704 21
Finland	0800 1 17056	Switzerland	01 838 53 51
France	01 55 1740 77	Taiwan	0800 096 868
Germany	069 5007 0035	Thailand	001 800 631 0017
Greece	00800 441 25605	UK	0870 243 0270
Hong Kong	800 901 514	United States	1 800 235 6325
India	91 22 617 5823	Outside the United States	585 726 7260
Italy	02 696 33452	International Toll Line	+44 131 458 6714
Japan	03 5644 5050	International Toll Fax	+44 131 458 6962
Korea	00798 631 0024		

For the most up-to-date listings, visit:

<http://www.kodak.com/US/en/digital/contacts/DAllInternationalContacts.shtml>




## 9

## Appendix

## Camera specifications

For more specifications, visit [www.kodak.com/go/cx7220support](http://www.kodak.com/go/cx7220support).

<b>CX7220 zoom digital camera specifications</b>	
<b>CCD</b>	
CCD	1/3.2 in. CCD, 4:3 aspect ratio
Output image size (image quality mode)	Best ★★★ 1632 x 1232 (2.0 M) pixels Best (3:2) ★★★ 1632 x 1088 (1.8 M) pixels Better ★★ 1184 x 896 (1.0 M) pixels Good ★ 816 x 624 (0.5 M) pixels
<b>Display</b>	
Color display	1.5 in. (37 mm) LCD, 280 x 220 (62k) pixels
Viewfinder	Reverse Galilean, optical viewfinder
Preview	Frame rate: 20 fps Field-of-view: 99%. Continuous AE and AWB
<b>Lens</b>	
Taking lens	2X optical zoom lens, 39 - 78 mm (35 mm film camera equivalent), f/3.8 (wide) - f/5.0 (telephoto)
Focus system	Center Spot AF AF locked at 1/2-way shutter press in both still and video capture modes Working range: 19.7 in. (50 cm) - infinity @ wide and telephoto normal 3.9 - 23.6 in. (10 - 60 cm) @wide macro 7.9 - 23.6 in. (20 - 60 cm) @telephoto macro Focus is set to infinity in Landscape mode
Digital zoom	1.0 - 3.0X continuous, with 0.1X step starting at 2X optical zoom Not supported for movie capture
Accessory lens thread	Not supported
Lens barrier	Yes, in camera.

<b>CX7220 zoom digital camera specifications</b>	
<b>Exposure</b>	
Exposure metering	TTL-AE Center-weighted AE AE (@ still) locked at 1/2-way shutter press, Continuous AE (@ video and preview)
Exposure range	AE range: LV 6.8 to 15.5 @ ISO 100 (wide Auto, flash off) LV 7.6 to 15.5 @ ISO 100 (telephoto Auto, flash off)
Exposure mode	Programmed AE modes: Auto, Landscape, Night, Portrait, Macro Exposure compensation: $\pm 2.0$ EV with 0.5 EV step
Shutter speed	Mechanical shutter with CCD shutter electrical 1/3200 - 1/2 sec.
ISO speed	Automatic: 100 - 200 (still; 140 with flash); 100 - 800 (video)
<b>Flash</b>	
Electronic flash	Guide no. 9 @ ISO 100 Auto flash with pre-flash Working range @ ISO 140: 1.6 - 9.2 ft (0.5 - 2.8 m) @ wide 1.6 - 6.9 ft (0.5 - 2.1 m) @ telephoto
Flash modes	Auto, Fill, Red-eye, Off
<b>Capture</b>	
Capture modes	Auto, Portrait, Night, Landscape, Close-up, Video
Mode dial	Used to select camera modes
Burst mode	Maximum 3 pictures, 2.0 fps AE, AF, AWB executed for first shot only
Video capture	Image size: 320 x 240 Frame rate: 15 fps
Image file format	Still: JPEG/EXIF 2.21 <b>Exif Print</b> , file organization DCF Video: QuickTime (CODEC: motion JPEG)
Image storage	Optional MMC or SD Card  (The SD logo is a trademark of the SD Card Association.)
Internal storage capacity	16 MB internal memory

<b>CX7220 zoom digital camera specifications</b>	
<b>Review</b>	
Quickview	Yes
Video output	NTSC or PAL selectable
<b>Power</b>	
2-AA non-rechargeable starter batteries, 2-AA lithium, 2-AA Ni-MH, CRV3, Ni-MH rechargeable battery pack; 3V AC adapter, optional	
<b>Communication with computer</b>	
USB 2.0 (PIMA 15740 protocol), via USB cable, EasyShare camera dock, or printer dock	
<b>Languages</b>	
English/French/German/Spanish/Italian/Portuguese/Chinese/Korean	
<b>Other features</b>	
Self timer	10 seconds
White balance	Auto
Auto power off	Yes. 8 minutes
Color modes	Color, black & white, sepia
Date stamp	None, YYYYMMDD, MMDDYYYY, DDMMYYYY
Tripod mount	1/4 inch
Size	4.1 in. (104 mm) x 1.6 in. (41.6 mm) x 2.6 in. (66.6 mm) @ power off
Weight	6.2 oz (175 g) without battery or card

## Tips, safety, maintenance

- Always follow basic safety precautions. Refer to the "Important Safety Instructions" booklet packed with your camera.
- Do not allow chemicals, such as suntan lotion, to come into contact with the painted surface of the camera.
- 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 all components to air-dry for at least 24 hours before using the camera again. If this does not resolve the problem, contact customer support (see [page 40](#)).

- Clean the lens and camera screen:
  - 1 Blow gently on the lens or camera screen to remove dust and dirt.
  - 2 Wipe the lens or camera screen gently with a soft, lint-free cloth or an untreated lens-cleaning tissue.

Do not use cleaning solutions unless they are designed specifically for camera lenses. **Do not wipe the camera lens or camera screen with chemically treated eyeglass lens tissue. It may scratch the lens.**

- Wipe the outside of the camera with a clean, dry cloth. Never use harsh or abrasive cleaners or organic solvents on the camera or any of its parts.
- Connect a tripod directly to the camera; do not connect a tripod to the camera dock or printer dock.
- 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](http://www.eiae.org), or visit Kodak at [www.kodak.com/go/cx7220support](http://www.kodak.com/go/cx7220support).

## Image storage capacities

Image file sizes can vary. You may be able to store more or fewer pictures and videos than shown.

### Picture storage capacity

	Approximate number of pictures			
	Best ★★★	Best (3:2) ★★★	Better ★★	Good ★
16 MB internal memory	25	27	47	95
16 MB SD/MMC	28	30	53	106
32 MB SD/MMC	56	60	106	212
64 MB SD/MMC	112	120	212	424
128 MB SD/MMC	224	240	424	848

## Video storage capacity

	Minutes/seconds of video
<b>16 MB internal memory</b>	46 sec.
<b>16 MB SD/MMC</b>	53 sec.
<b>32 MB SD/MMC</b>	1 min., 50 sec.
<b>64 MB SD/MMC</b>	3 min., 44 sec.
<b>128 MB SD/MMC</b>	7 min., 31 sec.

NOTE: Older memory cards process videos slower than newer cards. Recording time may be limited to under 60 seconds for older cards.

Purchase SD/MMC cards and other accessories at a dealer of Kodak products, or visit [www.kodak.com/go/cx7220accessories](http://www.kodak.com/go/cx7220accessories).

## Power-saving features

If no activity for	The camera	To turn it back on
1 minute	screen turns off.	Press the OK button.
8 minutes	enters auto power off.	Press any button (or insert or remove a card).
3 hours	turns off.	Turn Mode dial Off, then back on.

## 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). Visit [www.kodak.com/go/cx7220downloads](http://www.kodak.com/go/cx7220downloads).

## Regulatory compliance

### FCC compliance and advisory

Kodak EasyShare CX7220 zoom digital camera Tested to comply with FCC Standards. FOR HOME OR OFFICE USE
--

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.

### Canadian DOC statement

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

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

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