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# KODAK EASYSHARE M420

## Digital Camera



## Extended user guide

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

For interactive tutorials:

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

For help with your camera:

[www.kodak.com/go/m420support](http://www.kodak.com/go/m420support)

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# Kodak

Eastman Kodak Company

Rochester, New York 14650

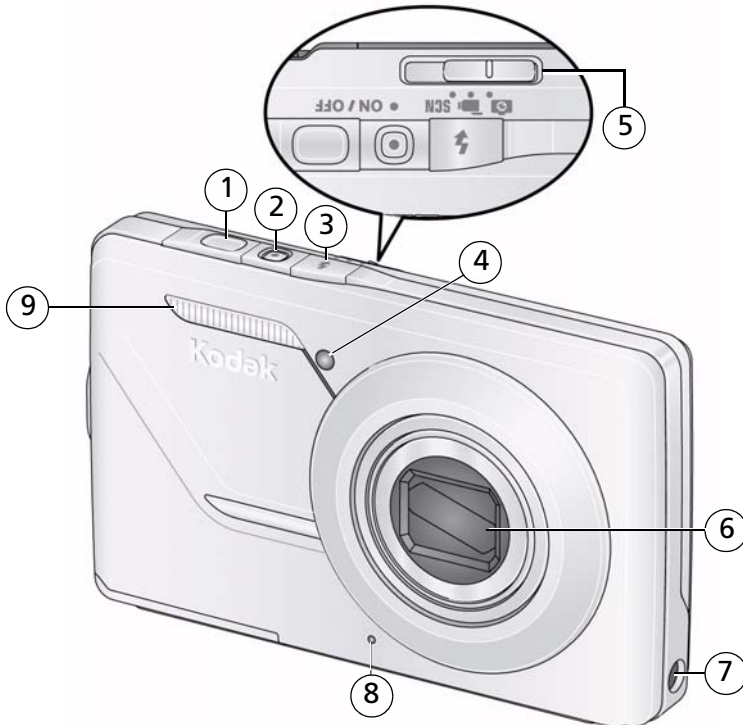
© Eastman Kodak Company, 2008

All screen images are simulated.

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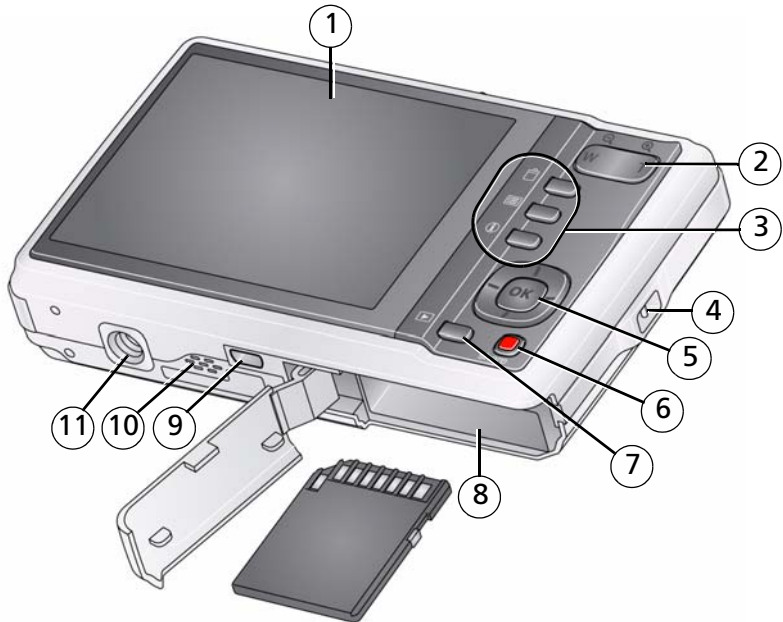
4H5025\_en

## Front view



- |   |                            |   |                 |
|---|----------------------------|---|-----------------|
| 1 | Shutter button             | 6 | Lens/Lens cover |
| 2 | Power button               | 7 | DC-In (5V)      |
| 3 | Flash button               | 8 | Microphone      |
| 4 | Self-timer/AF Assist light | 9 | Flash           |
| 5 | Mode switch                |   |                 |

## Back view



- |   |   |    |                                  |
|---|---|----|----------------------------------|
| 1 | LCD   | 6  | Share button                     |
| 2 | Zoom (Telephoto/Wide Angle) button  | 7  | Review button                    |
| 3 | Delete, Menu, Info buttons  | 8  | SD/SDHC Card/Battery compartment |
| 4 | Strap post  | 9  | USB/AV Out                       |
| 5 | <br>OK button | 10 | Speaker                          |
|   |   | 11 | Tripod socket                    |

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# 1

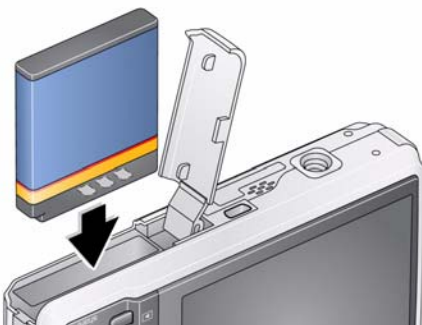
## Setting up your camera

**IMPORTANT:** *For package contents, see your product package.*

### Attaching the strap



### Loading the KLIC-7003 battery



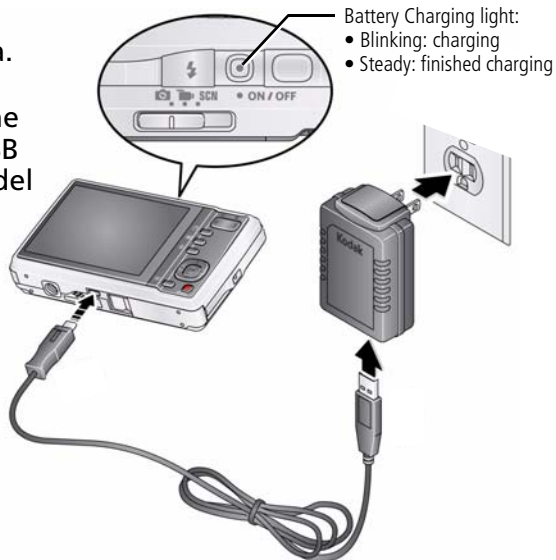
For information on replacing the battery and extending battery life, see [page 55](#).

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

## Charging the battery

① Turn OFF the camera.

② Connect the KODAK USB Cable, Model U-8.



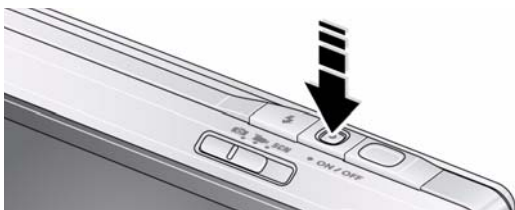
Learn other charging options

See [page 4](#)

Learn more about batteries

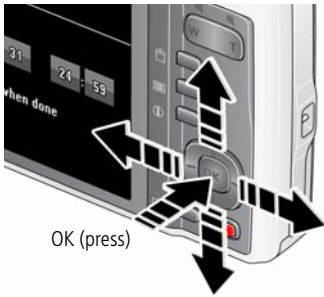
See [page 55](#)

## Turning on the camera





## Setting the language and date/time



Language:  
▲/▼ to change.  
OK to accept.

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

NOTE: To change language and date/time in the future, use the Setup menu (see page 32).

## Storing pictures on an SD or SDHC Card

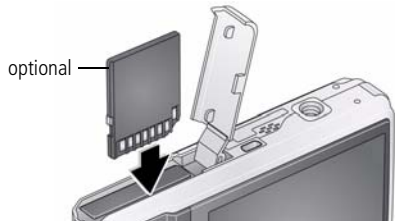
Your camera has internal memory. You can purchase a KODAK SD or SDHC Card to conveniently store more pictures/videos.



### CAUTION:

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

- 1 Turn off the camera.
- 2 Insert or remove the optional card.
- 3 Turn on the camera.



Purchase accessories [www.kodak.com/go/m420accessories](http://www.kodak.com/go/m420accessories)

## Other charging options

First, turn OFF the camera.

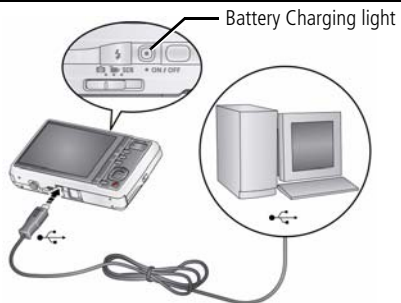
The Battery Charging light:

- Blinks during charging
- Stays on when the battery is charged

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### KODAK USB Cable and a USB computer port

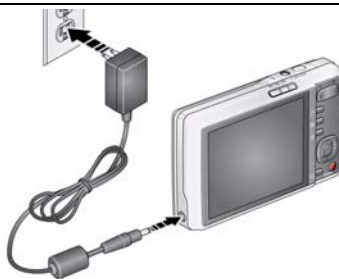
Ensure that the USB cable is connected to a powered USB port and the computer is turned on (not in sleep mode).



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### KODAK 5V AC Adapter

(May be sold separately.)



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**Purchase accessories**

[www.kodak.com/go/m420accessories](http://www.kodak.com/go/m420accessories)

**Learn more about USB charging**

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


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## 2 Taking pictures/videos

### Taking focused pictures



To get clear, focused pictures:

- 1 Slide the Mode switch to Smart Capture .
- 2 Compose the picture.
- 3 Press the Shutter button **halfway** to focus and set exposure. When the framing marks turn green, press the Shutter button **completely down**.

### Using framing marks

Framing marks indicate the camera focus area. In Smart Capture mode (and in SCN modes designed for pictures of people), the camera attempts to focus on faces.

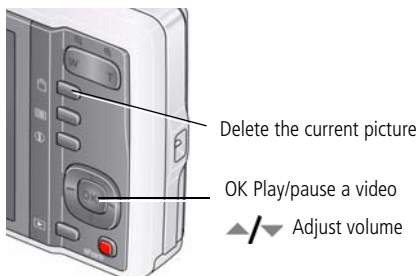


- 1 Press the Shutter button **halfway**.  
*If the camera is not focusing on the desired subject, release the Shutter button and recompose the scene.*
- 2 Press the Shutter button **completely down** to take the picture.

NOTE: Framing marks do not appear in all modes. Multiple framing marks may appear when faces are detected. When you press the Shutter button halfway down, the framing marks attempt to follow the main subject.

## Reviewing the picture/video just taken

After you take a picture/video, the LCD displays a quickview for approximately 5 seconds. (To exit the quickview sooner, press the Shutter button halfway.)



To review pictures/videos anytime, see [page 15](#).

## Using optical and digital zoom



**1** To zoom in picture-taking mode, press Telephoto (T). To zoom out, press Wide Angle (W).

**2** Take the picture.

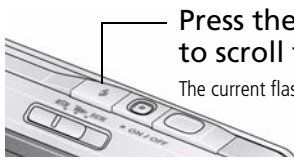
NOTE: For focus distances, see Specifications starting on [page 50](#).

To use the 5X digital zoom:

- In video mode, press the Telephoto (T) button.
- In picture-taking mode, press the Telephoto (T) button until the slider is at the maximum optical zoom range. Release Telephoto (T), then press it again.

NOTE: Optical zoom is not available in Video mode. Digital zoom is not available in Smart Capture mode. You may notice decreased image quality when using digital zoom. The slider 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 flash



Press the flash button repeatedly to scroll through flash modes.

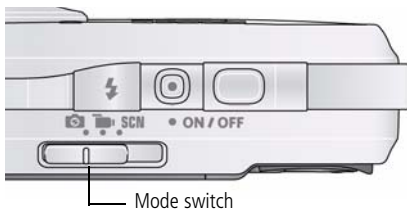
The current flash mode is shown in the LCD status area.




Flash modes		Flash fires
<b>Auto</b>		When the lighting conditions require it.
<b>Fill (Flash On)</b>		Every time you take a picture, regardless of the lighting conditions. Use when the subject is in shadow or is "backlit" (when the light is behind the subject). In low light, hold the camera steady or use a tripod. NOTE: (Not available in Smart Capture mode.)
<b>Red Eye</b> Your camera can correct red-eye using 2 methods. To choose a red eye setting, see <a href="#">Red Eye Reduction</a> , page 33.	Preflash 	A preflash fires, shrinking the eye pupil, before the picture is taken.
	Digital Correction 	A preflash does not fire; the camera corrects red eye.
<b>Off</b>		Never

Your camera saves the flash setting, even after you turn off the camera.

## Using different modes

Slide the Mode switch to the mode that best suits your subjects and surroundings.



Use this mode	For
 Smart Capture	General picture taking—it offers excellent image quality and ease of use. <ul style="list-style-type: none"><li>■ Faces are detected.</li><li>■ The scene is analyzed for other content and for lighting.</li></ul> You can choose the best picture size and aspect ratio for your needs—just press the Menu  button and choose Picture Size. <ul style="list-style-type: none"><li>■ 3:2 (the best choice when making 4 x 6 prints)</li><li>■ 16:9 (wide screen)</li><li>■ 4:3 (the default setting)</li></ul>
 Video	Capturing video with sound. (See <a href="#">page 10.</a> )
<b>SCN</b> Scene	Point-and-shoot simplicity when taking pictures in practically any situation. (See <a href="#">page 9.</a> )

## Using Scene (SCN) modes

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

- 1 Slide the Mode switch to SCN.
- 2 Press ◀/▶ ▶/▼ to view scene mode descriptions.  
*If the mode description turns off before you finish reading it, press OK.*
- 3 Press OK to choose a Scene mode.

SCN mode	For
<b>Program</b>	Advanced picture taking—allows more access to manual settings than Smart Capture.
<b>Portrait</b>	Full-frame portraits of people.
<b>Sport</b>	Subjects that are in motion.
<b>Landscape</b>	Distant scenes.
<b>Close-up</b>	Close range. Use available light instead of flash, if possible.
<b>Flower</b>	Close-ups of flowers or other small subjects in bright light.
<b>Sunset</b>	Subjects at dusk.
<b>Backlight</b>	Subjects that are in shadow or “backlit” (when light is behind the subject).
<b>Candle Light</b>	Subjects illuminated by candle light.
<b>Children</b>	Action pictures of children in bright light.
<b>Manner/ Museum</b>	Quiet occasions, like a wedding or lecture. Flash and sound are disabled. Place the camera on a steady surface or tripod.
<b>Text</b>	Documents. Place the camera on a steady surface or tripod.
<b>Beach</b>	Bright beach scenes.
<b>Snow</b>	Bright snow scenes.
<b>Fireworks</b>	Fireworks. Place the camera on a steady surface or tripod.
<b>Self- Portrait</b>	Close-ups of yourself. Assures proper focus and minimizes red eye.
<b>Night Portrait</b>	Reduces red eye of people in night scenes or low-light conditions.





## Using shortcuts

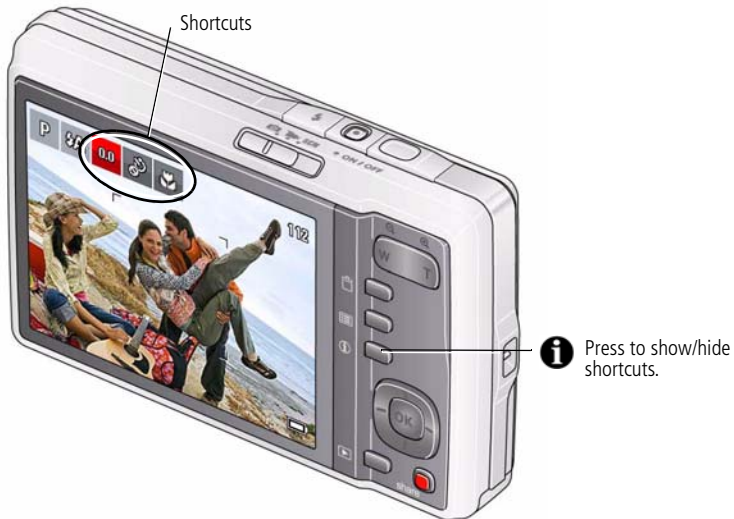
Your camera has a clean, uncluttered interface. For quick access to the most popular functions:

- 1 Press the Info **i** button.

*The shortcuts appear.*

- 2 Press **◀/▶** to access functions like Exposure Compensation, Self-timer, and Auto focus. (You'll see different functions in different modes.)
- 3 Press **▲/▼** to choose a setting.

To hide the shortcuts again, press **i**.



## Using the self-timer

Use the self-timer when you want to be included in a picture, or to ensure a steady Shutter button press. Place the camera on a tripod or flat surface.



- 1 In any picture-taking mode, press the Info **i** button to turn on the shortcut icons.
- 2 Press **←/→** to highlight the self-timer **⌚** icon. Press **▲/▼** to choose a setting:
  - 10 seconds**—A picture is taken after a 10-second delay (so you have time to get into the scene).
  - 2 seconds**—A picture is taken after a 2-second delay (for a steady, shutter release on a tripod).
  - 2 shot**—The first picture is taken after a 10-second delay. A second picture is taken 8 seconds later.
- 3 Compose the scene. Press the Shutter button **halfway**, then **completely down**.

*The camera takes the picture/pictures after the delay.*


NOTE: In Panoramic mode ([page 13](#)), only the 2- and 10-second options are available.

Use the same procedure to take a 2- or 10-second self-timer video, but press the Shutter button **completely down**.

## Taking panoramic pictures

Use panorama to “stitch” up to 3 pictures into a panoramic scene.

NOTE: For best results, use a tripod. Only the panoramic picture is saved; individual pictures are not. (Exposure and white balance are set with the first picture. The flash is set to Off.)

- 1 Slide the Mode switch to SCN.
- 2 Press **◀/▶ ▲/▼** to highlight Panorama Left-Right or Panorama Right-Left (depending on the direction you want to pan), then press OK.
- 3 Take the first picture.  
*After a quickview, the LCD displays the liveview and an “overlay” from the first picture.*
- 4 Compose the second picture. Make the overlay from the first picture cover the same portion in the new picture. (You can press the Delete  button to re-take a picture.)
- 5 If you are taking only 2 pictures, press OK to stitch them together.  
*After you take 3 pictures, the pictures are automatically stitched together.*

Take 2 or 3 pictures.

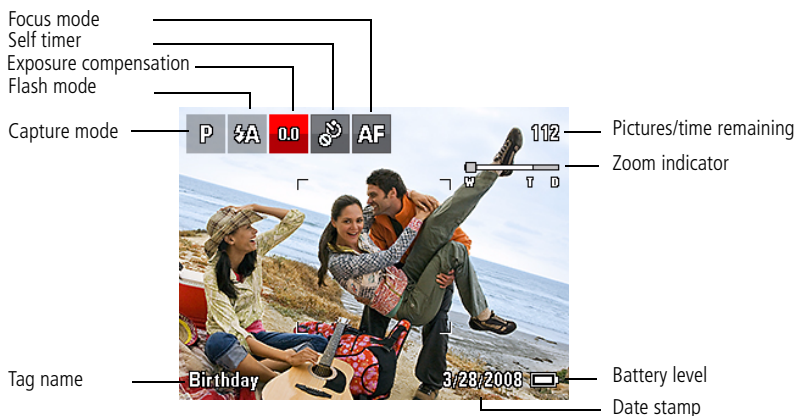


Get 1 panoramic picture.



NOTE: To use the self-timer 10-second or 2-second setting, see [page 12](#).

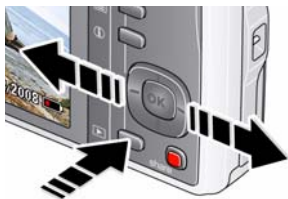
## Understanding the picture-taking icons



# 3

## Working with pictures/videos





### Reviewing pictures/videos



- 1 Press the Review  button.
- 2 Press   for previous/next picture/video.
  - To exit, press the Review button.
  - To view pictures/videos as thumbnails, see [page 17](#).

### Magnifying a picture







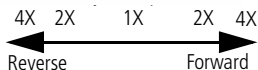
- 1 Press T to magnify 1X–8X.
- 2 Press     to view other parts of a picture.
  - Press OK to return to 1X.

### Playing a video






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

- Press   to adjust the volume.
- Press  to play at 2X speed; press again for 4X.
- Press  to reverse at 2X speed; press again for 4X.



## Deleting pictures/videos




- 1 Press the Review  button.
- 2 Press  for previous/next picture/video.
- 3 Press the Delete  button.
- 4 Follow the screen prompts.


NOTE: To delete protected pictures/videos, remove protection before deleting. (See [page 16](#).)

## Using the undo delete feature

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

## Protecting pictures/videos from deletion

- 1 Press the Review  button.
- 2 Press  for previous/next picture/video.
- 3 Press the Menu  button.
- 4 Press  to highlight Protect, then press OK.

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

- Press the Shutter button halfway down to return to Capture mode.

**IMPORTANT:** *Your camera offers a built-in Help system. See [page 47](#).*



### CAUTION:

**Formatting internal memory or an SD or SDHC Card deletes all (including protected) pictures/videos. (Formatting internal memory also deletes email addresses and tag names. To restore them, see KODAK EASYSHARE Software Help.)**

## Viewing pictures/videos in different ways

### Viewing as thumbnails (multi-up)



- 1 Press the Review  button.



*The camera shows the last picture that was taken.*



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

*To view all pictures/videos, highlight the All tab.*

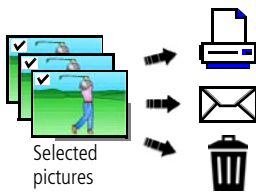
*To sort by favorites, date, or tagged pictures/videos, press   and highlight the appropriate tab.*



- 3 To see a single picture/video, press   to highlight it. Then press the Telephoto (T) button.

- To select multiple pictures/videos, see [page 17](#).
- Press the Review button to exit Review.

### Selecting multiple pictures/videos

Use the multi-select feature when you have two or more pictures/videos to print, transfer, delete, etc. Multi-select is used most effectively in Multi-Up mode, [page 17](#).









- 1 Press the Review , then   to find a picture/video.
- 2 Press OK to select pictures/videos.

*A check mark appears on the picture. You can now print, transfer, delete, etc. the selected pictures. You can press OK a second time to remove a check mark.*

## Making a multimedia slide show

Use Multimedia Slide Show to display your pictures/videos on the LCD. You can play all pictures/videos, or select pictures to include in the slide show. You can customize your slide show to include music and your choice of transitions. You can even save a slide show.

### Make a multimedia slide show that you can save







- 1 Press the Review  button. Select 2-100 pictures (see [page 17](#)).
- 2 Press the Menu  button, then /  to highlight the Review tab. Highlight Multimedia Slide Show, then press OK.
- 3 Press /  to highlight Preview Show, then press OK.

*Each picture/video is displayed once. To interrupt the slide show, press OK. After the slide show plays, you may save or modify it.*

**IMPORTANT:** *Your camera offers a built-in Help system. See [page 47](#).*

### Play a multimedia slide show loop

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

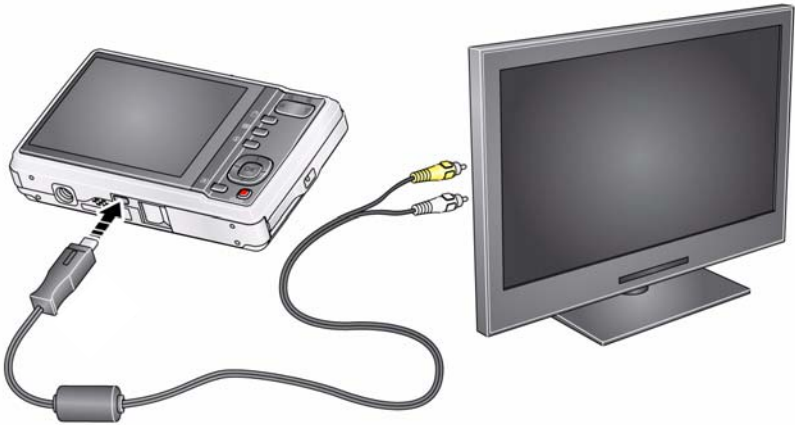
- 1 On the Multimedia Slide Show menu, press /  to highlight Loop, then press OK.
- 2 Press /  to highlight On, then press OK.
- 3 Press /  to highlight Preview Show, then press OK.

*The slide show repeats until you press OK or until the battery is exhausted.*



## Displaying pictures/videos on a television

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









**Purchase accessories** [www.kodak.com/go/m420accessories](http://www.kodak.com/go/m420accessories)

NOTE: Ensure that the Video Out setting (NTSC or PAL) is correct ([see page 34](#)). The slide show stops if you connect or disconnect the cable while the slide show is running. (Image quality on a television screen may not be as good as on a computer monitor or when printed.)

## Using the menu button in review

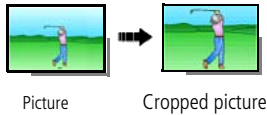
To use the Menu button in review:







- 1 Press the Review  button, then the Menu  button.
- 2 Press /  to highlight a tab:
  - **Review** to view and share pictures/videos
  - **Edit** to edit pictures/videos
  - **Setup** to control how your camera operates
- 3 Press /  to highlight a setting, then press OK.
- 4 Highlight an option, then press OK.

**IMPORTANT:** *Your camera offers a built-in Help system. See [page 47](#).*

## Cropping pictures

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



- 1 Press the Review  button, then  to find a picture to crop.
- 2 Press the Menu  button, then  to highlight the Edit tab. Highlight Crop, then press OK.
- 3 Press Telephoto (T) to zoom in, or  to move the crop box. Press OK.
- 4 Follow the screen prompts.






*The picture is cropped. (The original is saved.) Cropped pictures cannot be cropped again on the camera.*

- Press the Shutter button halfway down to return to Capture mode.

**IMPORTANT:** *Your camera offers a built-in Help system. See page 47.*

## Using KODAK PERFECT TOUCH Technology

KODAK PERFECT TOUCH Technology helps ensure better, brighter pictures. PERFECT TOUCH Technology is automatically applied to pictures taken in Smart Capture mode. (You cannot apply PERFECT TOUCH Technology to videos, panoramic pictures, or pictures to which PERFECT TOUCH Technology is already applied.)







- 1 Press the Review  button, then  for previous/next picture.
  - 2 Press the Menu  button, then  to highlight the Edit tab. Highlight PERFECT TOUCH Tech, then press OK.  
*The enhancement is previewed. Press  to view other parts of the picture.*
  - 3 Press OK. Follow the screen prompts to replace the original picture or to save the enhanced picture as a new one.
- Press the Shutter button halfway down to return to Capture mode.

## Adding sound tags

You can add a recorded voice or sound tag (up to 1 minute long) to a picture.

NOTE: Only one sound tag can be added to each picture (not to videos).

### Recording a sound tag





- 1 Press the Review  button, then  to find a picture.
- 2 Press the Menu  button, then  to highlight the Edit tab.
- 3 Press / to highlight Sound Tag. Press OK.
- 4 Highlight Record, then press OK.
- 5 Follow the screen prompts.

*The sound tag is applied to your picture.*

- Press the Shutter button halfway down to return to Capture mode.

**IMPORTANT:** *Your camera offers a built-in Help system. See [page 47](#).*







### Playing a sound tag

- 1 Press the Review  button, then  to find a sound-tagged picture.
- 2 Press OK to play the sound tag.
- 3 Press / to adjust the volume.
- 4 Press OK to stop playback.

## Copying pictures/videos

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

### Copy pictures/videos:

- 1 Press the Review  button.
- 2 Press the Menu  button, then   to highlight the Edit tab.
- 3 Press  /  to highlight Copy, then press OK. Highlight a choice, then press OK.

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

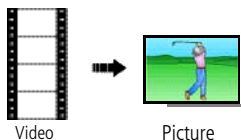
**IMPORTANT:** *Your camera offers a built-in Help system. See [page 47](#).*

## Editing videos

You can do incredible things with your videos!

### Making a picture from a video

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



- 1 Press the Review  button, then  to find a video.
- 2 Press the Menu  button, then  to highlight the Edit tab. Highlight Make Picture, then press OK.
- 3 Follow the screen prompts.

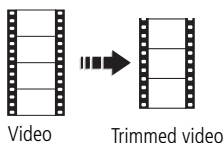
*A picture is created. (The original video is saved.)*





- Press the Shutter button halfway down to return to Capture mode.

**IMPORTANT:** *Your camera offers a built-in Help system. See page 47.*

### Trimming a video

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



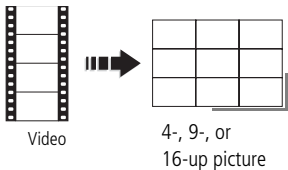
- 1 Press the Review  button, then  to find a video.
- 2 Press the Menu  button, then  to highlight the Edit tab. Highlight Trim, then press OK.
- 3 Follow the screen prompts.

*The video is trimmed. (You can save it as a new video or replace the original.)*

- Press the Shutter button halfway down to return to Capture mode.

## Making a video action print

From a video, you can make a 4-, 9-, or 16-up picture, suitable for a 4 x 6-inch (10 x 15 cm) print.



- 1 Press the Review  button, then  to find a video.
- 2 Press the Menu  button, then  to highlight the Edit tab. Highlight Action Print, then press OK.
- 3 Highlight an option, then press OK.

**Auto**—The camera includes the first and last frames, then 2, 7, or 14 equally spaced frames.

**Manual**—Choose the first and last frames; the camera chooses 2, 7, or 14 frames.

**Full Manual**—Choose 4, 9, or 16 frames.

**Use Bookmarks**—The camera uses bookmarked frames. [See page 26.](#)

*A 4-, 9-, or 16-up picture is created.*

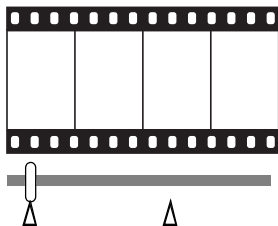
- Press the Shutter button halfway down to return to Capture mode.

**IMPORTANT:** *Your camera offers a built-in Help system. [See page 47.](#)*

## Using video bookmarks

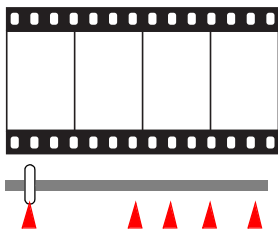
You can set bookmarks at interesting places in your video, then jump from one bookmark to another.

### Setting bookmarks



- 1 Press the Review button, then to find a video.
- 2 Press the Menu button, then to highlight the Edit tab. Highlight Bookmark, then press OK.
- 3 Press to highlight Create/Edit, then press OK.
- 4 While the video plays, press to add bookmarks. When finished adding up to 9 bookmarks, press .
  - Press the Menu button to exit the menu.

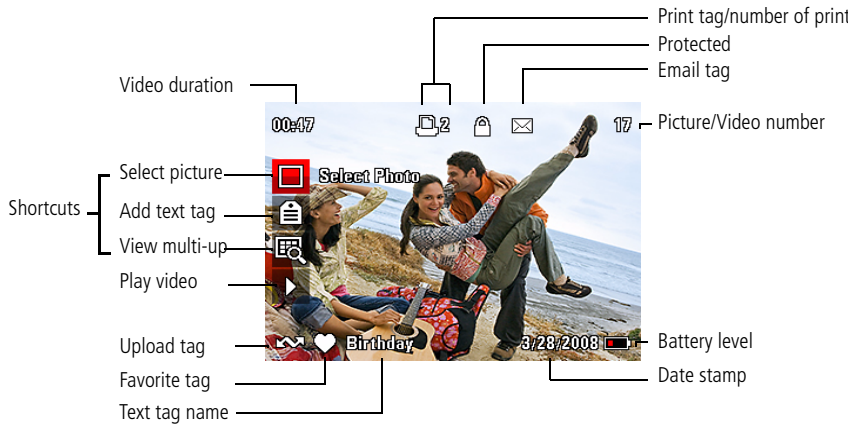
### Using bookmarks



- 1 Press the Review button, then to find a video.
- 2 Press to play the video. To jump to the first bookmark, press and hold for 4 seconds while the video is playing.
  - After you jump to a bookmark, press to jump to other bookmarks.
  - To view all bookmarked video frames, press the Zoom wide angle (W) button. To return to normal view, press the telephoto (T) button.



## Understanding the review icons



# 4






## Doing more with your camera

**IMPORTANT:** *Your camera offers a built-in Help system. To get the most from your camera, see [page 47](#).*





### Using the menu button to change settings





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

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

- 1 Press the Menu  button.
- 2 Press   to highlight a tab:
  - **Capture/Video** for the most common picture/video-taking settings
  - **Setup** for other camera settings
- 3 Press   to highlight a setting, then press OK.
- 4 Highlight an option, then press OK.

#### Using the capture tab

Press Menu,  ,  ,  ,  , and OK to access settings	Picture-taking Options
	<b>IMPORTANT:</b> <i>Your camera offers a built-in Help system. See <a href="#">page 47</a>.</i>
<b>Exposure Compensation</b> Make a picture lighter or darker. (Available in Program and Panorama modes.) To use a shortcut, see <a href="#">page 11</a> .	0.0, +/-0.3, +/-0.7, +/-1.0, +/-1.3, +/-1.7, +/-2.0
<b>Picture Size</b> Choose a picture resolution.	See <a href="#">Camera specifications, page 50</a> .

<p><b>Press Menu, , , , , and OK to access settings</b></p>	<p><b>Picture-taking Options</b>  <b>IMPORTANT:</b> <i>Your camera offers a built-in Help system. See page 47.</i></p>
<p><b>Focus Mode</b> Choose a focus distance.</p>	<p><b>Auto</b>—for general picture-taking.  <b>Macro</b>—for 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.  <b>Infinity</b>—for distant subjects; auto-focus framing marks are unavailable.</p>
<p><b>Burst</b> Take up to 3 pictures in quick succession. (Burst is not available in Panorama mode.)</p>	<p><b>Off</b>  <b>On</b>—Press the Shutter button <b>halfway</b> to focus and set exposure. Press the Shutter button <b>completely down and hold it</b> to take pictures.</p>
<p><b>Self-timer</b> Take a picture (or pictures) after a timed delay.</p>	<p><b>10 seconds</b>—A picture is taken after a 10-second delay.  <b>2 seconds</b>—A picture is taken after a 2-second delay (for a steady, shutter release on a tripod).  <b>2 shot</b>—The first picture is taken after a 10-second delay. A second picture is taken 8 seconds later.</p>
<p><b>Long Time Exposure</b> Choose how long the shutter stays open.</p>	<p><b>None</b>  <b>0.5, 1.0, 2.0, 4.0, 8.0</b> seconds</p>
<p><b>Color Mode</b> Choose color tones. Unavailable in Video mode.</p>	<p><b>High Color</b>  <b>Natural Color</b>  <b>Low Color</b>  <b>Black &amp; White</b>  <b>Sepia</b>—for a reddish-brown, antique look.          NOTE: EASYSHARE Software also lets you change a color picture to black-and-white or sepia.</p>

Press Menu, **◀/▶**,  
**▲/▼**, and **OK** to access  
settings

## Picture-taking Options

**IMPORTANT:** *Your camera offers a built-in Help system.  
See page 47.*

### AF Control (Still)

Choose an auto-focus setting.

**Continuous AF**—because the camera is always focusing, there is no need to press the Shutter button halfway down to focus.

**Single AF**—uses TTL-AF (through-the-lens auto focus) when the Shutter button is pressed halfway down.

### White Balance

Choose your lighting condition. (Available only in Program and Panorama modes.)

**Auto**—automatically corrects white balance. Ideal for general picture taking.

**Daylight**—for pictures in natural lighting.

**Tungsten**—corrects the orange cast of household light bulbs. Ideal for indoor pictures under tungsten or halogen lighting without flash.

**Fluorescent**—corrects the green cast of fluorescent lighting. Ideal for indoor pictures under fluorescent lighting without flash.

**Open Shade**—for pictures in shade in natural lighting.

### Face Detect Capture

Choose if faces get focus priority.

**On**—In P mode (and in SCN modes designed for pictures of people), the camera attempts to focus on faces.

**Off**

**NOTE:** Not available in Smart Capture mode (because face detection is always on).

### Exposure Metering

Evaluate light levels at specific areas of a scene.

**Multi-Pattern**—evaluates lighting conditions throughout the image to give an optimum picture exposure. Ideal for general picture taking.

**Center-Weight**—evaluates the lighting conditions of the subject centered in the lens. Ideal for backlit subjects.

**Center-Spot**—similar to Center-weight, except the metering is concentrated on a smaller area of the subject centered in the LCD.

<b>Press Menu, ◀/▶, ▲/▼, and OK to access settings</b>	
<b>Picture-taking Options</b> IMPORTANT: <i>Your camera offers a built-in Help system. See page 47.</i>	
<b>AF Zone</b> Select a large or concentrated area of focus.	<b>Multi-Zone</b> —evaluates 5 zones to give an even picture focus. Ideal for general picture taking. <b>Center-Zone</b> —evaluates the small area centered in the lens. Ideal when you need precise focus.
<b>ISO Speed</b> Control the sensitivity of the camera sensor.	<b>Auto</b> <b>ISO 64, 100, 200, 400, 800, 1600, 3200, 6400</b> (ISO 3200, 6400 available for picture sizes of 3.1 MP or less.)
<b>Sharpness</b> Control picture sharpness.	<b>Sharp</b> <b>Normal</b> <b>Soft</b>





## Video settings

<b>Press Menu, ◀/▶, ▲/▼, and OK to access settings</b>	
<b>Video Options</b> IMPORTANT: <i>Your camera offers a built-in Help system. See page 47.</i>	
<b>Video Size</b> Choose a video resolution.	<b>640 x 480 @ 30 fps (VGA)</b> <b>320 x 240 @ 30 fps (QVGA)</b>
<b>Focus Mode</b> Select a large or concentrated area of focus.	<b>Auto</b> —for general video-taking. <b>Macro</b> —for sharpness and detail at close range. The camera automatically sets the focus distance depending on the zoom position. <b>Infinity</b> —for distant subjects.
<b>Self-timer</b> Take a video after a timed delay.	<b>10 seconds</b> —A video is taken after a 10-second delay. <b>2 seconds</b> —A video is taken after a 2-second delay.

## Using the Setup menu

Use Setup to customize your camera.

---

**Press Menu,   to highlight Setup, then   to access settings**

---

### Setup Options

**IMPORTANT:** *Your camera offers a built-in Help system. See page 47.*

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#### Share button

Choose how pictures/videos are handled when you press the Share button.

**NOTE:** Some online services limit video file sizes. Where applicable, use EASYSHARE Software to choose a preferred online service.

**Favorite and Upload**—Pictures/videos are tagged as Favorites and uploaded to your preferred online service when you connect to your computer or network.

**Favorite**—Pictures/videos are tagged as Favorites (5-star in EASYSHARE Software, on your computer).

**Upload**—Pictures/videos are uploaded to your preferred online service when you connect to your computer or network.

---

#### LCD Brightness

Choose LCD brightness.

#### Power Save

##### High Power

#### LCD Dimmer

Choose inactivity time until LCD dims.

##### 30 seconds

##### 20 seconds

##### 10 seconds

##### Off (no dimming)

---

#### Image Storage

Choose a storage location for pictures/videos.

**Auto**—the camera uses the card if one is in the camera. If not, the camera uses internal memory.

**Internal Memory**—the camera always uses internal memory, even if a card is installed.

---

#### Set Tag







Create tag names and assign them to pictures/videos. See [page 39](#).





**New Tag**—create a tag.

**Delete Tag**—delete a tag.

**Clear All**—selected tags are cancelled.

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<p><b>Press Menu,   to highlight Setup, then   to access settings</b></p>		<p><b>Setup Options</b></p> <p><b>IMPORTANT:</b> <i>Your camera offers a built-in Help system. <a href="#">See page 47.</a></i></p>
<p><b>Date Stamp</b></p> <p>Imprint the date on pictures. Not available on panoramic pictures.</p>	<p>Choose a date option, or turn off the feature.</p>	
<p><b>Red Eye Reduction</b></p> <p>Choose how you want to reduce red eye.</p>	<p><b>Preflash</b>—red eye preflash fires before the picture is taken. </p> <p><b>Digital Correction</b>—red eye preflash does not fire; the camera corrects red eye. </p>	
<p><b>Image Stabilizer (Still)</b></p> <p>Improve stability for pictures.</p>	<p><b>On</b> <b>Off</b></p>	
<p><b>Digital Zoom</b></p> <p>Turn digital zoom on or off. Not available in Smart Capture mode.</p>	<p><b>On</b> <b>Off</b></p>	
<p><b>Orientation Sensor</b></p> <p>Orient pictures so that they are displayed with the correct side up.</p>	<p><b>On</b>—the camera rotates pictures to their correct orientation.</p> <p><b>On Transfer</b>—pictures are rotated when transferred to EASYSHARE Software.</p> <p><b>Off</b>—pictures are not rotated.</p>	
<p><b>Camera Sounds</b></p> <p>Choose sound effects.</p>	<p><b>Power On</b> <b>Focus Lock</b> <b>Shutter</b> <b>Error</b> <b>Self-timer</b></p>	
<p><b>Sound Volume</b></p>	<p><b>High</b> <b>Medium</b> <b>Low</b> <b>Off</b></p>	
<p><b>Date &amp; Time</b></p>	<p>Set date and time.</p>	

**Press Menu,   to highlight Setup, then   to access settings**

## Setup Options

**IMPORTANT:** *Your camera offers a built-in Help system. See page 47.*

### Auto Power Off

Choose inactivity time until camera turns off.

**10 minutes**

**5 minutes**

**3 minutes**

**1 minute**

### Video Out

Choose the regional setting that lets you connect the camera to a television or other external device.

**NTSC**—used in North America and Japan; most common format.

**PAL**—used in Europe and China.

### Language

Choose your language.

### Reset Camera

Reset settings to their default.

### Format



#### **CAUTION:**

**Formatting deletes all pictures/videos, including those that are protected. Removing a card during formatting may damage the card.**

**Memory Card**—deletes everything on the card; formats the card.

**Cancel**—exits without making a change.

**Internal Memory**—deletes everything in internal memory including email addresses, and tag names; formats the internal memory.

### About

View camera information.



# 5

## Transferring, printing, tagging



### CAUTION:

Before connecting any cables, install the software that was included with your camera. Failure to do so may cause the software to load incorrectly.

### Installing the software

- 1 Close all open software applications before starting the installation.

NOTE: If running Windows OS and installing EASYSHARE Software from the Kodak Web site, do not close the WinZip application. If prompted, allow EASYSHARE Software to access the Internet.

- 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, register your camera and software. Registering lets you sign up for information that keeps your system up-to-date. To register later, visit [www.kodak.com/go/register](http://www.kodak.com/go/register).

- 5 If prompted, restart the computer.

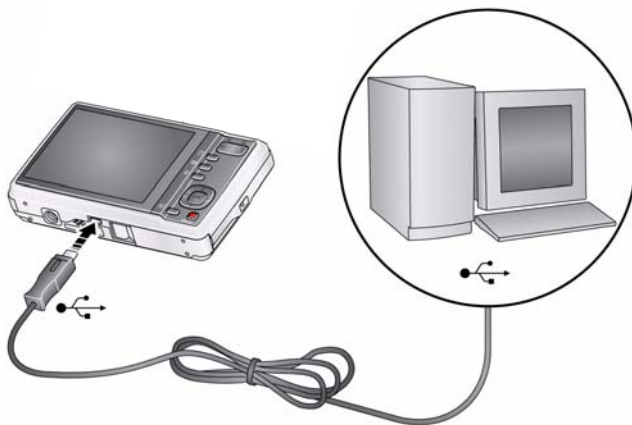
For software help, click the Help button in EASYSHARE Software.

## Transferring pictures/videos

### Using the USB cable

Turn on the camera.

Then connect a KODAK USB Cable, Model U-8.



### Using other options

You can also use a KODAK Card Reader to transfer your pictures/videos.

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**Purchase accessories** [www.kodak.com/go/m420accessories](http://www.kodak.com/go/m420accessories)

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**Learn more about connecting** [www.kodak.com/go/howto](http://www.kodak.com/go/howto)

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## Printing pictures

### Direct printing with a KODAK All-in-One Printer

Your camera is compatible with PICTBRIDGE Technology, so you can print directly to PICTBRIDGE enabled printers. You need a camera with fully charged battery, a PICTBRIDGE enabled printer, and a USB cable.

- 1 Turn **off** the printer. Turn **on** the camera.
- 2 Connect the appropriate USB cable from the camera to the printer.

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

- 3 Highlight a printing option, then press OK.

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

**Tagged Pictures**—Print pictures that you tagged for printing and choose a print size.

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

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

**Image Storage**—Access Auto or Internal Memory.

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

- 1 Turn off the camera and printer.
- 2 Disconnect the USB cable from the camera and the printer.

## **Using a printer that is not PICTBRIDGE enabled**

After you transfer pictures from the camera to your computer, you can print them from EASYSHARE Software. For details, see Help in EASYSHARE Software.

## **Ordering prints online**

KODAK Gallery ([www.kodakgallery.com](http://www.kodakgallery.com)) 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.
- Have prints, photo greeting cards, frames, and albums delivered to your door.

## **Printing from an optional SD or SDHC Card**








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

## Tagging your pictures

You can tag your pictures so they are easy to:

- Print
- Email
- Organize with a favorite tag
- Organize with a tag name that you create

### Tagging pictures for printing

- 1 Press the Review  button. Press  to locate a picture.
- 2 Press the Menu  button. Press  to highlight Print, then press OK.
- 3 Press  to select the number of copies.
- 4 **Optional:** You can apply a print quantity to other pictures. Press  for previous/next. 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 OK.

*The Print icon appears in the status area.*

- Press the Shutter button halfway down to return to Capture mode.








**IMPORTANT:** *Your camera offers a built-in Help system. See [page 47](#).*

### Printing tagged pictures

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

## Tagging pictures/videos for emailing

First, create a new email address: highlight Add Email, press OK, then use the on-camera keyboard.


- 1 Press the Review  button. Press   to locate a picture, then press OK.
- 2 Press   to highlight Email, then press OK.
- 3 Press   to locate an email address, then press OK.
- 4 To tag other pictures/videos with the same address, scroll through them. When the picture you want is displayed, press OK.
- 5 To send the pictures/videos to more than one address, repeat step 3.
  - To remove a selection, highlight a checked address and press OK. To remove all email selections, highlight Clear All, then press OK.
  - Press the Shutter button halfway down to return to Capture mode.

*The Email icon appears in the status area.*

When you transfer the tagged pictures/videos to your computer, EASYSHARE Software prompts you to send the pictures/videos. For details, see Help in EASYSHARE Software.

## Assigning the favorite tag to pictures/videos




To make your favorite pictures/videos easier to locate in EASYSHARE Software, you can assign the favorite tag.

- 1 Press the Review  button, then locate a picture/video.
- 2 Press the Share button.

*The favorite tag appears with the picture. When you transfer the tagged pictures/videos to your computer, EASYSHARE Software opens and categorizes your pictures/videos with a 5-star rating tag. (To configure the Share button in different ways [see page 32.](#))*

## Assigning other tags to pictures/videos

First, create a new tag name: highlight New Tag, press OK, then use the on-camera keyboard.

- 1 Press the Review  button, then locate a picture/video.
- 2 Press the Menu  button.
- 3 Highlight Tag, then press OK.
- 4 Highlight a tag name, then press OK.
- 5 To assign the tag to other pictures, press  to locate a picture, then press OK.

*The tag name appears with the picture.*



To remove a selection, highlight a tag name and press OK. To remove all tag selections, highlight Clear All, then press OK.

When you transfer the tagged pictures/videos to your computer, EASYSHARE Software opens and categorizes your pictures/videos with the appropriate tag.

**IMPORTANT:** *Your camera offers a built-in Help system. [See page 47.](#)*

## Assigning a tag to the pictures/videos you take next

Use the Set Tag feature to assign a tag name to the next pictures/videos you take. First, create a new tag name: highlight New Tag, press OK, then use the on-camera keyboard.

- 1 Press the Menu  button.
- 2 Highlight the Setup tab.
- 3 Highlight Set Tag, then press OK.
- 4 Highlight a tag name, then press OK.
- 5 Press the Menu  button to exit the menu.

*The selected tag is displayed on the LCD. The tag is applied to new pictures/videos.*

When you transfer the tagged pictures/videos to your computer, EASYSHARE Software opens and categorizes your pictures/videos with the appropriate tag.

**IMPORTANT:** *Your camera offers a built-in Help system. See [page 47](#).*



# 6

## Troubleshooting

**IMPORTANT:** *Your camera offers a built-in Help system. To get the most from your camera, see [page 47](#).*

### Camera problems

Status	Solution
Camera does not turn on	■ Make sure the battery is charged and installed correctly (see <a href="#">page 1</a> ).
Camera does not turn off	
Camera buttons and controls do not function	
In Review, a blue or black screen is displayed instead of a picture	■ Transfer <i>all</i> pictures to the computer (see <a href="#">page 35</a> ). ■ Take another picture.
Pictures remaining number does not decrease after taking a picture	■ Continue taking pictures. The camera is operating normally. (The camera estimates the number of pictures remaining after each picture is taken, based on picture size and content.)
Flash does not fire	■ Check the flash setting, and change as needed (see <a href="#">page 7</a> ). NOTE: The flash does not fire in all modes.
Memory card is almost or entirely full	■ Transfer the pictures to the computer (see <a href="#">page 35</a> ). ■ Delete pictures from the card (see <a href="#">page 16</a> ) or insert a new card.
The battery does not charge using USB charging	■ See <a href="#">page 2</a> or visit <a href="http://www.kodak.com/go/USBcharging">www.kodak.com/go/USBcharging</a> . ■ Insert a new battery (see <a href="#">page 1</a> ).

Status	Solution
Battery life is short	<ul style="list-style-type: none"><li>■ Make sure the correct battery type is installed (see <a href="#">page 55</a>).</li><li>■ Wipe the contacts with a clean, dry cloth before inserting a battery in the camera.</li><li>■ Insert a new or charged battery (see <a href="#">page 1</a>).</li></ul>
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 (see <a href="#">page 5</a>).</li><li>■ Insert a new or charged battery (see <a href="#">page 1</a>).</li><li>■ Memory is full. Transfer pictures to the computer (see <a href="#">page 35</a>), delete pictures (see <a href="#">page 16</a>), or insert another card.</li></ul>
Memory card not recognized or camera freezes with card	<ul style="list-style-type: none"><li>■ Card may be corrupted. Format the card in the camera (see <a href="#">page 34</a>).</li><li>■ Use another memory card. Only SD or SDHC Cards are supported.</li></ul>
Cannot find the desired picture/video	<ul style="list-style-type: none"><li>■ To view pictures on a card or in internal memory, see <a href="#">page 15</a>.</li></ul>

### Computer/connectivity problems

Status	Solution
Pictures do not transfer to computer	<ul style="list-style-type: none"><li>■ See Help in EASYSHARE Software.</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 to NTSC or PAL (see <a href="#">page 34</a>).</li><li>■ Make sure the external device settings are correct. (See the device's user's guide).</li></ul>
Computer does not communicate with the camera	<ul style="list-style-type: none"><li>■ Make sure the battery is charged and installed correctly (see <a href="#">page 1</a>).</li><li>■ Turn on the camera.</li><li>■ Make sure the USB cable model U-8 is connected to the camera and the computer (see <a href="#">page 36</a>).</li><li>■ Make sure EASYSHARE Software is installed (see <a href="#">page 35</a>).</li></ul>

## Picture quality problems

Status	Solution
Picture is not clear	<ul style="list-style-type: none"> <li>■ To automatically set exposure and focus, press the Shutter button <b>halfway</b>. When the framing marks turn green, press the Shutter button <b>completely down</b> to take the picture.</li> <li>■ Clean the lens (see <a href="#">page 53</a>).</li> <li>■ Make sure the camera is not in Macro mode if you are more than 19.7 in. (50 cm) from your subject.</li> <li>■ Place the camera on a flat, steady surface or use a tripod (especially in high-zoom settings or in low light).</li> </ul>
Picture is too dark	<ul style="list-style-type: none"> <li>■ Reposition the camera for more available light.</li> <li>■ Use Fill flash (see <a href="#">page 7</a>) 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 camera specifications starting on <a href="#">page 50</a>.)</li> <li>■ To automatically set exposure and focus, press the Shutter button <b>halfway</b>. When the framing marks turn green, press the Shutter button <b>completely down</b> to take the picture.</li> </ul>
Picture is too light	<ul style="list-style-type: none"> <li>■ Reposition the camera to reduce the amount of available light.</li> <li>■ Turn the flash off (see <a href="#">page 7</a>).</li> <li>■ Move so that the distance between you and the subject is within the effective flash range. (See camera specifications starting on <a href="#">page 50</a>.)</li> <li>■ To automatically set exposure and focus, press the Shutter button <b>halfway</b>. When the framing marks turn green, press the Shutter button <b>completely down</b> to take the picture.</li> <li>■ In Program and Panorama modes, adjust the Exposure Compensation (see <a href="#">page 28</a>).</li> </ul>

## Direct printing (PICTBRIDGE enabled printer) problems

Status	Solution
Cannot find the desired picture	<ul style="list-style-type: none"><li>■ Use the Direct printing menu to change the image storage location.</li></ul>
The Direct printing menu interface turns off	<ul style="list-style-type: none"><li>■ Press any camera button to redisplay the menu.</li></ul>
Cannot print pictures	<ul style="list-style-type: none"><li>■ Make sure there is a connection between the camera and the printer (see <a href="#">page 37</a>).</li><li>■ Make sure the printer and the camera have power.</li></ul>
Camera or printer display an error message	<ul style="list-style-type: none"><li>■ Follow the prompts to resolve the issue.</li></ul>

# 7

## Getting help

### Getting help from your camera

You want the most from your camera. You want to understand:

- What it can do for you
- And how to take the best possible pictures and videos

#### Great news!

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

#### Turning on camera Help



1 Press the Menu button, then highlight a menu choice.

2 Press the Info **i** button.

▲/▼ Scroll through a Help topic

## Getting help on the Web

### Camera

Email, write, or phone Kodak	<a href="http://www.kodak.com/go/contact">www.kodak.com/go/contact</a>
Get support for your product (FAQs, troubleshooting information, arrange for repairs, etc.)	<a href="http://www.kodak.com/go/m420support">www.kodak.com/go/m420support</a>
Purchase camera accessories (lenses, cards, etc.)	<a href="http://www.kodak.com/go/m420accessories">www.kodak.com/go/m420accessories</a>
Download the latest camera firmware and software	<a href="http://www.kodak.com/go/m420downloads">www.kodak.com/go/m420downloads</a>
See online demonstrations of your camera	<a href="http://www.kodak.com/go/howto">www.kodak.com/go/howto</a>
Register your camera	<a href="http://www.kodak.com/go/register">www.kodak.com/go/register</a>

### Software

Get information on EASYSHARE Software	<a href="http://www.kodak.com/go/easysharesw">www.kodak.com/go/easysharesw</a> (or see Help in EASYSHARE Software)
Get help with the Windows operating system and working with digital pictures	<a href="http://www.kodak.com/go/pcbasics">www.kodak.com/go/pcbasics</a>

### Other

Get support for cameras, software, accessories, more	<a href="http://www.kodak.com/go/support">www.kodak.com/go/support</a>
Get information on KODAK Inkjet Products	<a href="http://www.kodak.com/go/inkjet">www.kodak.com/go/inkjet</a>
Optimize your printer for truer, more vibrant colors	<a href="http://www.kodak.com/go/onetouch">www.kodak.com/go/onetouch</a>

## Getting help on the telephone

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

Australia	1800 267 588	Netherlands	020 346 9372
Austria	0179 567 357	New Zealand	0800 880 120
Belgium	02 713 14 45	Norway	23 16 21 33
Brazil	0800 891 42 13	Philippines	1 800 1 888 9600
Canada	1 800 465 6325	Poland	00800 4411625
China	800 820 6027	Portugal	021 415 4125
Czech Republic	00 800 56325000	Russia	8 495 929 9166
Denmark	3 848 71 30	Singapore	800 6363 036
Finland	0800 1 17056	Slovakia	00 800 56325000
France	01 55 1740 77	Spain	91 749 76 53
Germany	069 5007 0035	Sweden	08 587 704 21
Greece	00800 44140775	Switzerland	044 838 53 51
Hong Kong	800 901 514	Taiwan	0800 096 868
Hungary	06 80 456 325	Thailand	001 800 631 0017
India	91 80 41374555 (toll free 000800 440 1227)	Turkey	00800 448827073
Ireland	01 407 3054	United Kingdom	0870 243 0270
Italy	02 696 33452	United States	1 800 235 6325
Japan	03 5540 9002	International Toll Line	+44 131 458 6714
Korea	080 708 5600	International Toll Fax	+44 131 458 6962

## Camera specifications

**CCD**—1/2.33-type

**Effective pixels**—10 MP

**LCD**—7.6 cm (3.0 in.) LCD; 230K pixels

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

**Internal storage capacity**—64 MB internal memory (48 MB available for image storage. 1 MB equals one million bytes.)

**Taking lens**—4X optical zoom; f/2.6–f/5.8; 35 mm equivalent: 28–112 mm

**Lens protection**—Built-in

**Digital zoom**—5X continuous

**Image stabilizer**—Yes

**Focus system**—TTL-AF (through-the-lens auto focus); Auto: Multi-Zone, Center-Zone. Working range:

50 cm (19.7 in.)–infinity @ wide, normal

50 cm (19.7 in.)–infinity @ telephoto, normal

10–50 cm (3.9–19.7 in.) @ wide, Macro mode

35–70 cm (13.8–27.6 in.) @ telephoto, Macro mode

10 m (32.8 ft)–infinity @ wide, Landscape mode

**Auto focus control**—Still: Continuous and Single AF (Multi-zone, Center zone); Video: Continuous

**Face detection**—Up to 10 faces

**Shutter speed**—1/1000–8 seconds



**ISO speed**—Auto (in Smart Capture): 80–1600; Manual: 64, 100, 200, 400, 800, 1600, 3200, 6400 (ISO 3200, 6400 available for picture sizes of 3.1 MP or less.)

**Exposure metering**—TTL-AE; Multi-Pattern, Center-Weight, Center-Spot

**Exposure compensation**— $\pm$ 2.0 EV with 1/3 EV step

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

**Electronic Flash**—Auto flash; Auto, Fill, Red Eye, Off; Guide No.5.5; working range @ ISO 400: 0.2–4.0 m (0.6–13.1 ft) @ wide; 0.5–1.8 m (1.6–5.9 ft) @ telephoto in Program mode

**Burst mode**—Maximum 3 pictures @ 2 fps; Auto Exposure, Auto Focus, Auto White Balance executed for first shot only

**Capture modes**—Smart Capture, Scene modes, Video

**Image file format**—

Still: EXIF 2.21 (JPEG compression); file organization DCF

Video: QUICKTIME (CODEC Motion JPEG; audio: PCM)

**Picture size—Smart Capture:**

10.0 MP (4:3): 3648 x 2736 pixels

8.9 MP (3:2): 3648 x 2432 pixels

7.5 MP (16:9): 3648 x 2052 pixels

5.0 MP (4:3): 2592 x 1944 pixels

4.5 MP (3:2): 2592 x 1728 pixels

3.8 MP (16:9): 2592 x 1456 pixels

3.1 MP (4:3): 2048 x 1536 pixels

2.8 MP (3:2): 2048 x 1360 pixels

2.4 MP (16:9): 2048 x 1152 pixels

**Program/SCN:**

10.0 MP (4:3): 3648 x 2736 pixels

8.9 MP (3:2): 3648 x 2432 pixels

7.5 MP (16:9): 3648 x 2064 pixels

5.0 MP (4:3): 2592 x 1944 pixels

3.1 MP (4:3): 2048 x 1536 pixels

2.2 MP (3:2): 1800 x 1200 pixels

2.1 MP (16:9): 1920 x 1080 pixels

1.2 MP (4:3): 1280 x 960 pixels

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

**Sharpness modes**—Sharp, Normal, Soft

**Video capture**—< 80 minutes maximum in VGA, QVGA

VGA (640 x 480 @ 30 fps)

QVGA (320 x 240 @ 30 fps)

**Video blur reduction**—Yes

**Communication with computer**—USB 2.0 high speed (PIMA 15740 protocol);  
via KODAK USB Cable, Model U-8

**Video output**—NTSC or PAL

**Microphone**—Yes

**Speaker**—Yes

**PICTBRIDGE support**—Yes

**Power**—KODAK Li-Ion Rechargeable Digital Camera Battery KLIC-7003; 5V AC  
adapter; USB charging

**Tripod mount**—1/4 inch

**Size**—97.2 x 59.7 x 21.0 mm (3.8 x 2.4 x 0.8 in.) @ power off

**Weight**—136 g (4.8 oz) without card or battery

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

## Care and maintenance

- If you suspect water has gotten inside the camera, remove the battery and card. Allow all components to air-dry for at least 24 hours before using the camera.
- Blow gently on the lens or LCD to remove dust and dirt. Wipe gently with a soft, lint-free cloth or an untreated lens-cleaning tissue. Do not use cleaning solutions unless designed specifically for camera lenses. Do not allow chemicals, such as suntan lotion, to contact painted surfaces.
- Service agreements may be available in your country. Contact a dealer of KODAK Products for more information.
- For digital camera disposal or recycling information, contact your local authorities. In the US, visit the Electronics Industry Alliance Web site at [www.eiae.org](http://www.eiae.org) or [www.kodak.com/go/m420support](http://www.kodak.com/go/m420support).

## 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/m420downloads](http://www.kodak.com/go/m420downloads).

## Storage capacities

The LCD displays the approximate number of pictures (or minutes/seconds of video) remaining. For average SD Card capacities, visit [www.kodak.com/go/SDcapacities](http://www.kodak.com/go/SDcapacities). Actual storage capacity varies depending on subject composition, card size, and other factors. You may be able to store more or fewer pictures and videos. Favorites take up additional space in internal memory.

## Important safety instructions



### CAUTION:

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

- The use of an accessory that is not recommended by Kodak may cause fire, electric shock, or injury. For approved accessories, visit [www.kodak/go/accessories](http://www.kodak/go/accessories).
- Use only a USB-certified computer equipped with a current-limiting motherboard. Contact your computer manufacturer if you have questions.
- If using this product in an airplane, observe all instructions of the airline.
- When removing the battery, allow it to cool; it may be hot.
- Follow all warnings and instructions supplied by the battery manufacturer.
- Use only batteries approved for this product to avoid risk of explosion.
- Keep batteries out of the reach of children.
- Do not allow batteries to touch metal objects, including coins. Otherwise, a battery may short circuit, discharge energy, become hot, or leak.
- Do not disassemble, install backward, or expose batteries to liquid, moisture, fire, or extreme temperature.
- Remove the 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. Visit [www.kodak.com/go/kes](http://www.kodak.com/go/kes).
- Do not charge non-rechargeable batteries.
- For more information on batteries, visit [www.kodak.com/go/batterytypes](http://www.kodak.com/go/batterytypes).

## Battery replacement, battery life

KODAK Li-Ion Rechargeable Digital Camera Battery KLIC-7003: 250 pictures per charge. Battery life per CIPA testing method. (Approx. number of pictures in Smart Capture mode, using 128 MB SD Card.) Actual life may vary based on usage.

### Extending battery life

- Use power-saving features (see [Using the Setup menu, page 32](#)).
- Dirt on the battery contacts can affect battery life. Wipe the contacts with a clean, dry cloth before loading the battery in the camera.
- Battery performance is reduced at temperatures below 5° C (41° F). When using your camera in cold weather, carry spare batteries and keep them warm. Do not discard cold batteries that do not work; when they return to room temperature, they may be usable.

## Limited warranty

Kodak warrants KODAK Consumer Electronic Products and Accessories ("Products"), 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

Warranty service is only available from within the country where the Products were originally purchased. You may be required to ship Products, at your expense, to the authorized service facility for the country where the Products were purchased. Kodak

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

### **Limitations**

This warranty does not cover circumstances beyond Kodak's control. This warranty does not apply when failure is due to shipping damage, accident, alteration, modification, unauthorized service, misuse, abuse, use with incompatible accessories or attachments (such as third party ink or ink tanks), failure to follow Kodak's operation, maintenance or repacking instructions, failure to use items supplied by Kodak (such as adapters and cables), or claims made after the duration of this warranty.

Kodak makes no other express or implied warranty for this product, and disclaims the implied warranties of merchantability and fitness for a particular purpose. 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 or such longer period as required by law. The option of repair, replacement, or refund is Kodak's only obligation. Kodak will not be responsible for any special, consequential or incidental damages resulting from the sale, purchase, or use of this product regardless of the cause. Liability for any special, consequential or incidental damages (including but not limited to loss of revenue or profit, downtime costs, loss of the use of the equipment, cost of substitute equipment, facilities or services, or claims of your customers for such damages resulting from the purchase use or failure of the Product), regardless of cause or for breach of any written or implied warranty is expressly disclaimed.

## Your rights

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

## Outside the United States and Canada

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

# Regulatory compliance

## FCC compliance and advisory



KODAK EASYSHARE M420 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.

## China RoHS

### 环保使用期限 (EPUP)

在中国大陆, 该值表示产品中存在的任何危险物质不得释放, 以免危及人身健康、财产或环境的时间期限(以年计)。该值根据操作说明中所规定的产品正常使用而定。

有毒有害物质或元素名称及含量标识表						
部件名称	有毒有害物质或元素					
	铅	汞	镉	六价铬	多溴联苯	多溴二苯醚
数码相机电路板元件	×	○	○	○	○	○
锂电池	×	○	○	○	○	○
交流变压器	×	○	○	○	○	○

○: 表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T 11363-2006规定的限量要求以下。  
 ×: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T 11363-2006规定的限量要求。



USB 数据线

## Russian GOST-R



Eastman Kodak Company

Rochester, NY 14650

Фотокамера изготовлена в Китае; остальные элементы - в соответствии с маркировкой.

A10-40



## Korean Class B ITE

B급 기기  
(가정용 방송통신기기)

이 기기는 가정용(B급)으로 전자파적합등록을  
한 기기로서 주로 가정에서 사용하는 것을 목적  
으로 하며, 모든 지역에서 사용할 수 있습니다.

## 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）の基準に基づきクラス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。

## Waste Electrical and Electronic Equipment labeling



In Europe: For human/environmental protection, it is your responsibility to dispose of this equipment at a collection facility established for this purpose (separate from municipal waste). For more information, contact your retailer, collection facility, or appropriate local authorities; or visit [www.kodak.com/go/recycle](http://www.kodak.com/go/recycle).

## 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.

## FCC and Industry Canada

This device complies with Industry Canada RSS-210 and FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### FCC et Industrie Canada

Cet appareil est conforme à la norme RSS-210 d'Industrie Canada et aux réglementations de la FCC. Son utilisation est soumise aux deux conditions suivantes : (1) cet appareil ne doit pas provoquer d'interférences nuisibles, et (2) cet appareil doit supporter les interférences reçues, y compris celles susceptibles de nuire à son bon fonctionnement.

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