# Kodak EasyShare P880 zoom digital camera

## User's guide

www.kodak.com

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

For help with your camera, www.kodak.com/go/p880support

Eastman Kodak Company
Rochester, New York 14650
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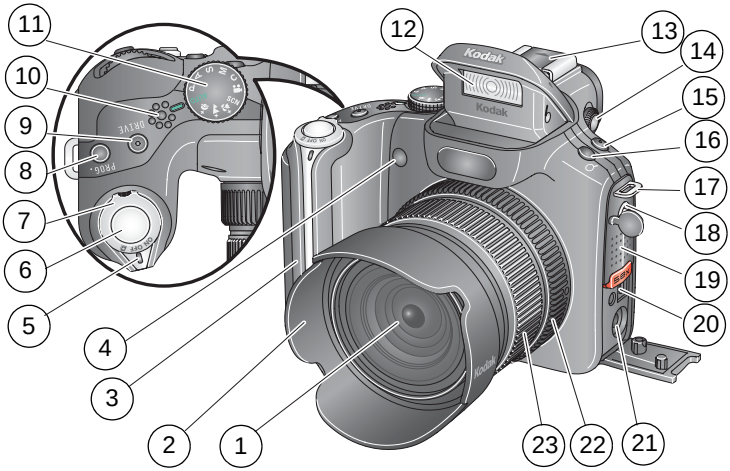
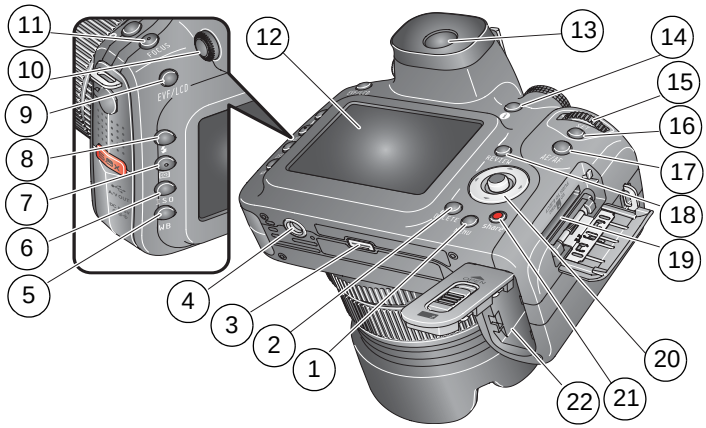
P/N 4J4344_en

# Front View




| | | | |
|---|---|---|---|
| 1 | Lens | 13 | Hot shoe |
| 2 | Lens hood | 14 | Diopter dial |
| 3 | Grip | 15 | Focus button |
| 4 | Self-timer/Low light AF LED | 16 | Digital zoom button |
| 5 | Power LED indicator | 17 | Strap post |
| 6 | Shutter button | 18 | External flash connector |
| 7 | Mode /Power switch | 19 | Speaker |
| 8 | Program button | 20 | USB, A/V out |
| 9 | Drive button | 21 | DC-In (5V) |
| 10 | Microphone | 22 | Manual focus ring |
| 11 | Mode dial | 23 | Manual zoom ring |
| 12 | Flash | | |

# Back View




| | | | |
|---|---|---|---|
| 1 | Menu button | 12 | LCD screen |
| 2 | Delete button | 13 | EVF (Electronic Viewfinder) |
| 3 | Dock connector | 14 | Info button |
| 4 | Tripod socket | 15 | Command dial |
| 5 | White balance button | 16 | Set button |
| 6 | ISO button | 17 | AE/AF lock button |
| 7 | Exposure metering button | 18 | Review button |
| 8 | Flash button | 19 | Slot for optional SD or MMC card |
| 9 | EVF/LCD toggle button | 20 | Joystick (◀/▶ , ▲/▼); OK button (press) |
| 10 | Diopter dial | 21 | Share button |
| 11 | Focus button | 22 | Battery compartment |

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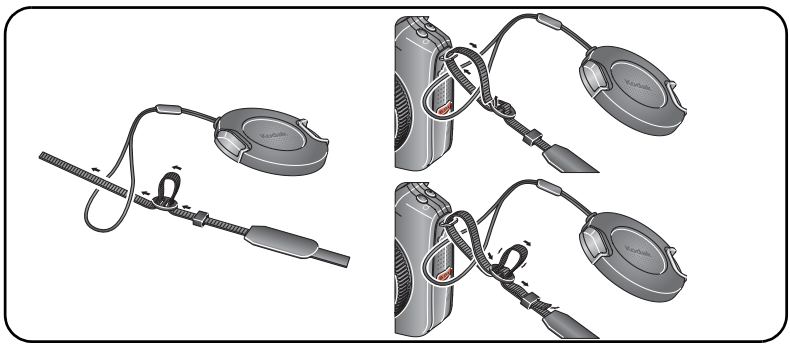
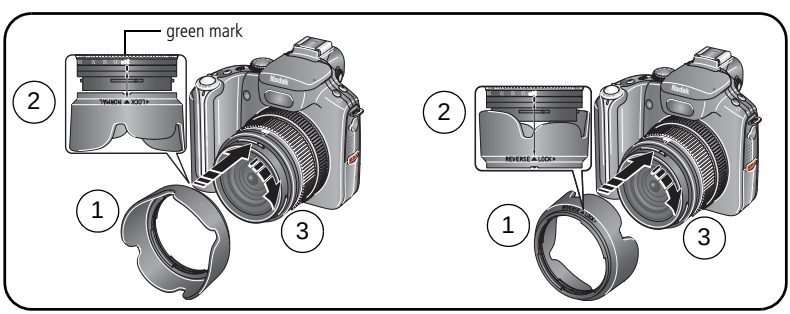
# 1 Setting up your camera

## Attaching the strap and lens cap



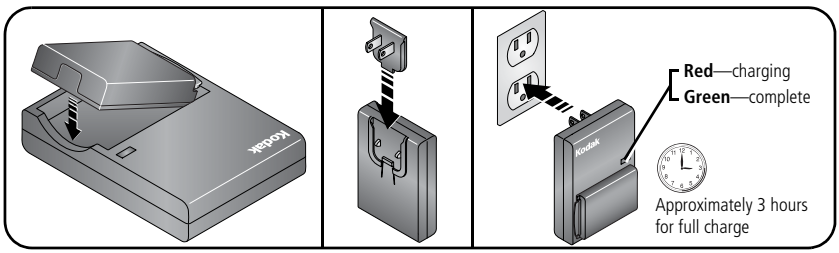
## Attaching the lens hood

Use the lens hood when you want to protect the lens from unwanted sun glare. Reverse the hood when unwanted sun glare is not a concern or when you use the flash. For lens accessories, see page 84.



# Charging the battery

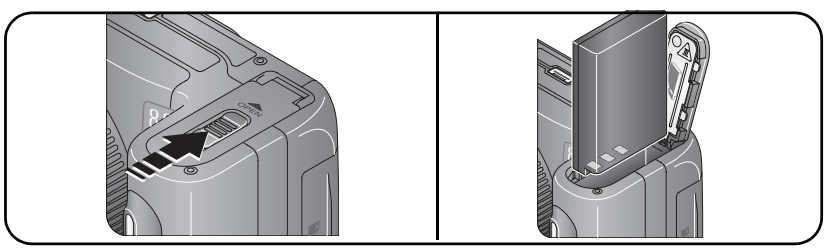
Charge the Li-Ion rechargeable battery before first use.




You can also charge the battery using a Kodak EasyShare printer dock or camera dock. Purchase these and other accessories at a dealer of Kodak products or visit www.kodak.com/go/p880accessories.

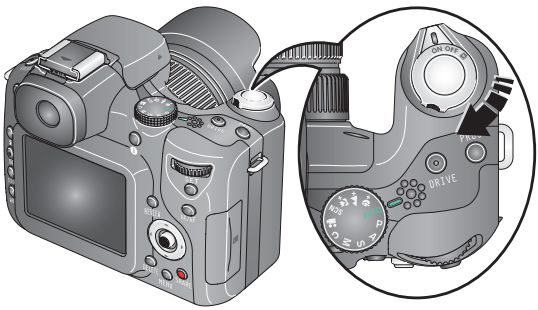
# Loading the battery

**CAUTION:**
**We recommend that you use a Kodak Li-Ion rechargeable digital camera battery (KLIC-5001).**



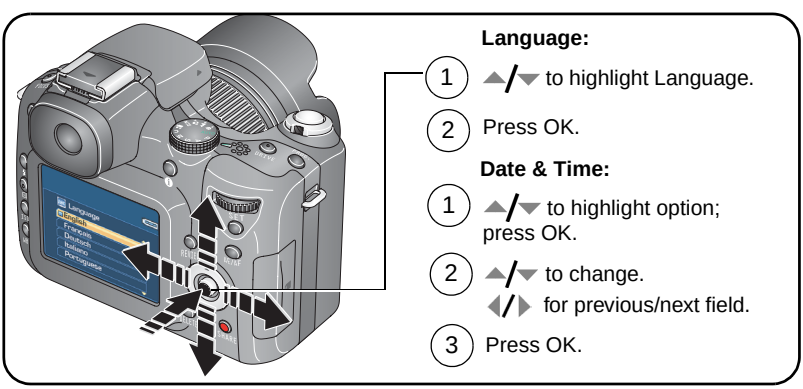
For information on replacing the battery and extending battery life, see page 87.

# Turning on the camera



- **ON** Capture: Take pictures and videos.
- Favorites: View your Favorites, see page 64.

# Setting the language and date/time, first time



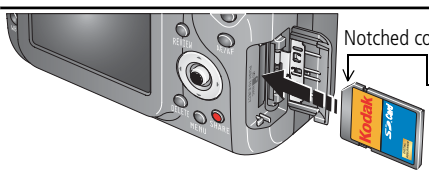
# Setting the language and date/time, other times

1. Press Menu. (Press again to exit.)
2. ◀/▶ to highlight Setup.
3. ▲/▼ to highlight Language or Date/Time; press OK.
4. ▲/▼ to change. ◀/▶ for previous/next field. Press OK.

# Storing pictures on an SD or MMC card

Your camera has 32 MB of internal memory. You can purchase a Kodak SD or MMC card to conveniently store more pictures and videos. For best results, purchase a Kodak card.

NOTE: When using the card for the first time, format it in this camera before taking pictures (see table on page 50).




1. Turn off the camera.
2. Insert card.

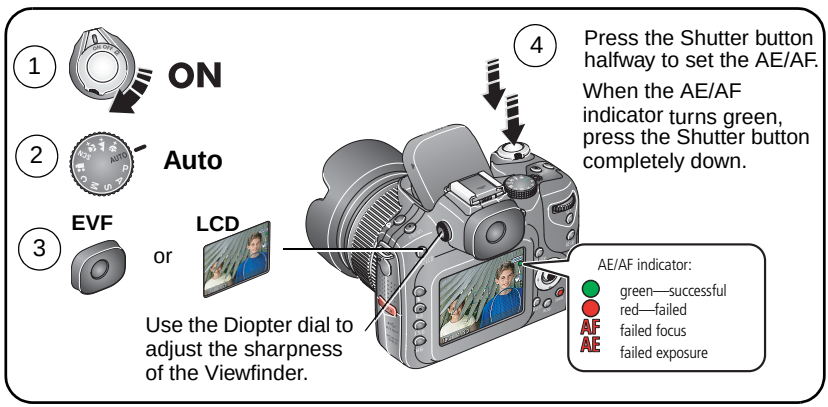
SD or MMC card (optional)

**CAUTION:**
**A card can only be inserted one way; forcing it may cause damage.**

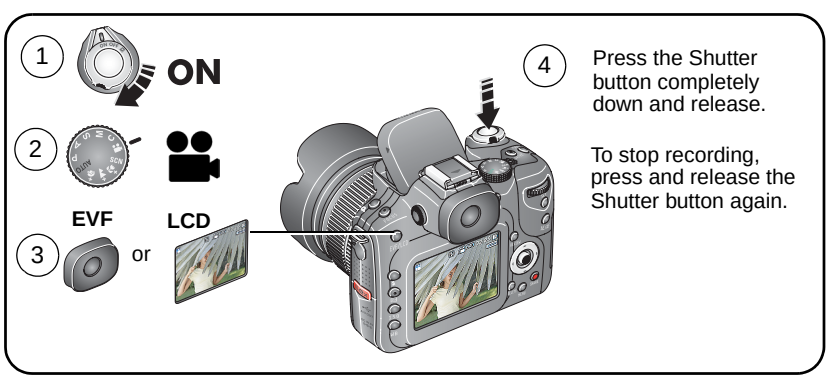
See page 81 for storage capacities. Purchase SD or MMC cards at a dealer of Kodak products or www.kodak.com/go/p880accessories.

# 2 Taking pictures and videos

## Taking a picture

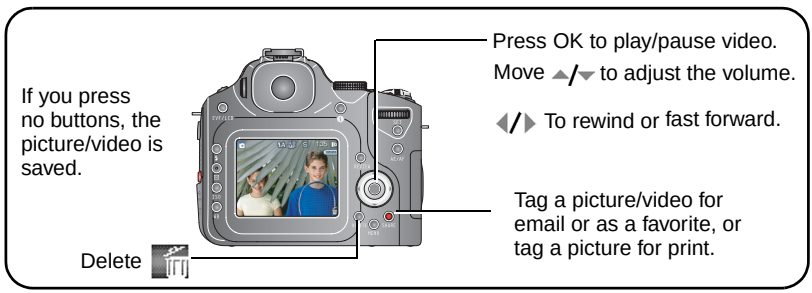



## Taking a video



# Reviewing a quickview of the picture or video just taken

After you take a picture or video, the EVF/LCD screen displays a quickview for approximately 5 seconds. While the picture or video is displayed, you can:

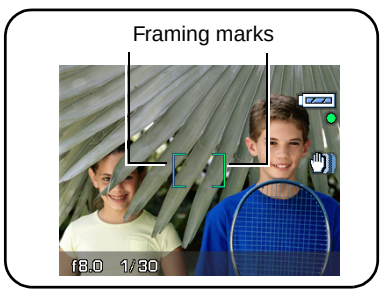



To view pictures and videos anytime, see page 12.

## Using the Auto-Focus (AF) framing marks (pictures)

When using the EVF/LCD screen as a viewfinder, framing marks indicate where the camera is focusing. For the best pictures, the camera attempts to focus on foreground subjects, even if the subjects are not centered in the scene.

1 Press the Shutter button **halfway**. When the framing marks turn green, focus is accomplished.

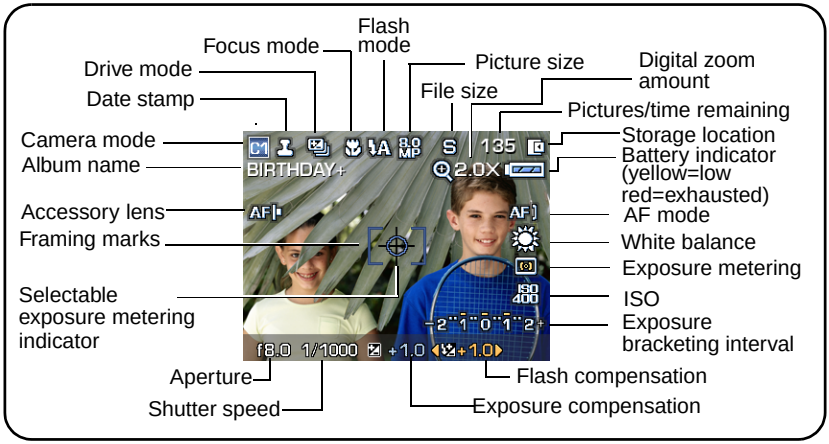



2 If the camera is not focusing on the desired subject (or if the framing marks disappear), release the Shutter button and recompose the scene.

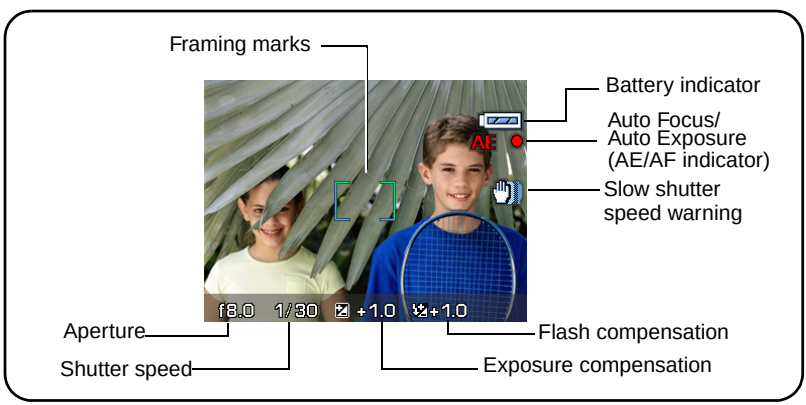
3 Press the Shutter button **completely down** to take the picture.

NOTE: Framing marks do not appear in Landscape, Night Landscape, or Video mode. When you use AF Zone (see table on page 53) and set Center Zone, the framing marks are fixed at a center wide location.

## Capture modes in liveview

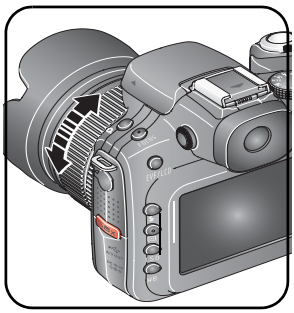



## Capture modes—shutter pressed halfway



# Using optical zoom

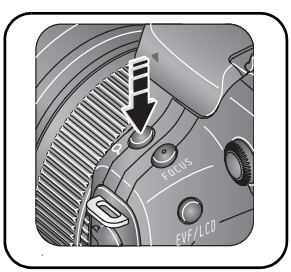
Use optical zoom to get up to 5.8X closer to your subject. You can change optical zoom before or during video recording.



1. Use the EVF or LCD screen to frame your subject.
2. Rotate the Manual zoom ring to zoom in or out.
3. Press the Shutter button **halfway** to set the exposure and focus, then **completely down** to take the picture. (When taking videos, press and release the Shutter button.)

## Using digital zoom

Use digital zoom in any Still mode to get an additional 1.4X or 2X magnification beyond optical zoom. Combined zoom settings are from 5.8X to12X.

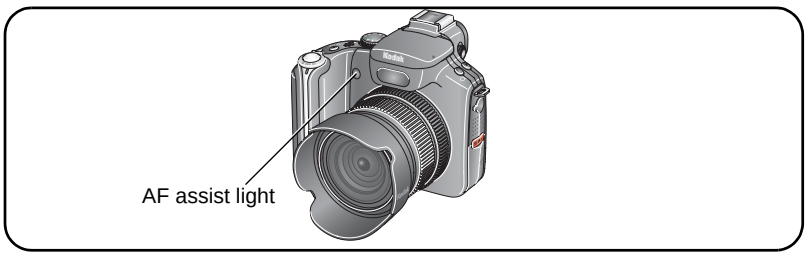



1. Press the Digital zoom button. (Press again to exit.)
2. Move ▲/▼ to highlight an option.
3. Press OK or Set.
   *The Zoom icon shows zoom status.*
4. Take the picture.

NOTE: You cannot use digital zoom for video recording. You may notice decreased image quality when using digital zoom.

# Using the low-light Auto Focus (AF) LED

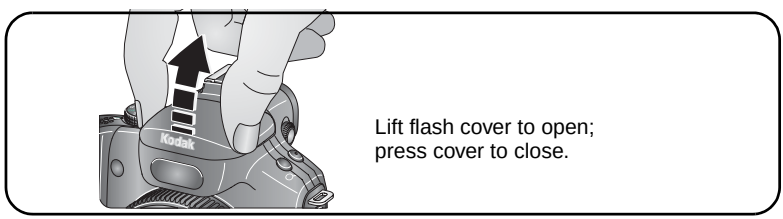
Use this feature in low-light settings to obtain sharper pictures. When the Shutter button is pressed halfway in low-light, the AF assist light may emit a brief beam of light, if necessary, to illuminate the subject. The low-light AF LED is already set to On. On/Off settings are accessible in Setup (page 50).




# Using the flip-up flash

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

IMPORTANT: *Remove or reverse the Lens hood (see page 1) when you use the flash.*

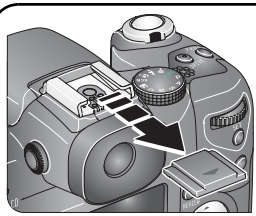



To change the flash settings, see page 37.

| Flash-to-subject distance | | |
|---|---|---|
| **Zoom position** | **Guide number** | **Flash distance** |
| Wide angle | 9 (@ ISO 100) ±0.5 [EV] | 1.6–13.1 ft (0.5–4.0 m) |
| Telephoto | 9 (@ ISO 100) ±0.5 [EV] | 1.6–10.2 ft (0.5–3.1 m) |

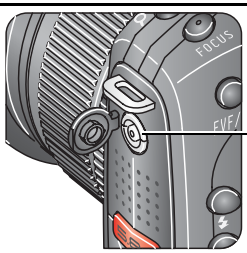
# Using an external flash unit

When you want additional or specialized lighting, use an external flash unit (sold separately), that uses a Hot-shoe unit or an External flash connector. You can use the camera's built-in flash and external flash at the same time to provide extra fill flash.



**Hot-shoe unit**

1. Slide off the Hot-shoe cover.
2. Mount the flash unit to the Hot shoe.
3. Turn on the external flash unit.




**External flash connector**

1. Plug your external flash cable into the External flash connector port.
2. Turn on the external flash unit.

NOTE: The connector accepts all standard external flash cables, maximum 500 volts.

NOTE: Refer to your external flash unit user's guide for details.

# Reviewing pictures and videos

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

## Pictures

1. Press Review. (Press again to exit.)
2. ◀/▶ View previous/next.
   ▼ View multi-up thumbnails. (Press OK to return to single pictures.)
   ◀/▶ ▲/▼ View previous/next thumbnail.

NOTE: Pictures taken at the 7.1 MP (3:2) quality setting are displayed at a 3:2 aspect ratio with a black bar at the top and bottom of the screen.

## Videos

1. Press OK to play/pause.
2. During playback/pause:
   ◀/▶ Rewind/fast forward.
   ▲/▼ Adjust volume.
   During pause:
   ◀/▶ Rewind/fast forward by frame.
   ▼ End video play.

Rate: Hold ◀/▶ 3 seconds to set the rate of rewind/fast forward. Press ◀/▶ again to increase/decrease the rate.

To save battery power, use the optional Kodak EasyShare camera or printer dock, or Kodak 5-volt AC adapter. (See www.kodak.com/go/p880accessories.)

## Multi-selection of pictures during review

Use the Set button to create a set of pictures to review and to perform various functions, for example Delete (page 17), Protect (page 16), and Copy (page 59).

NOTE: The selective settings are not kept when you change to liveview or turn off the camera.

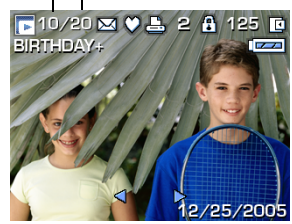
### Single-up

10 of 20 selected pictures

1. ◀/▶ to highlight a picture.
2. Press Set.

***The picture now is part of a set.***

Press Set again to remove a picture from the set.




To deselect the entire set, turn off the camera.

### Multi-up

1. Press Review. (Press again to exit.)
2. Press ▼.
3. ◀/▶ and ▲/▼ to scroll through the pictures.

***A blue box designates pictures that are part of the selected set.***

***A yellow box moves as you scroll through the pictures.***

4. Press Set to select a picture.

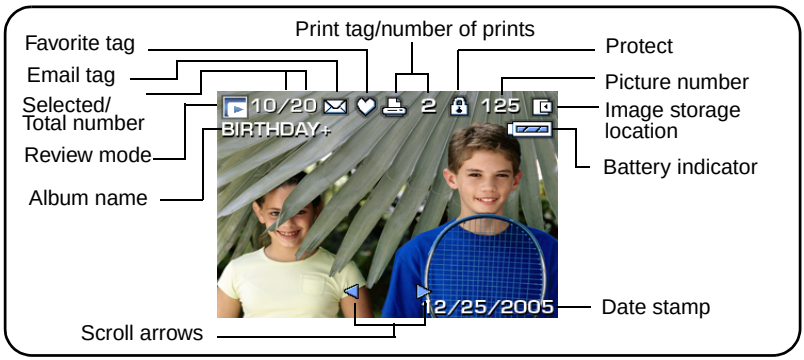
***The selected number in the set appears on the screen.***

5. Scroll to the next picture.

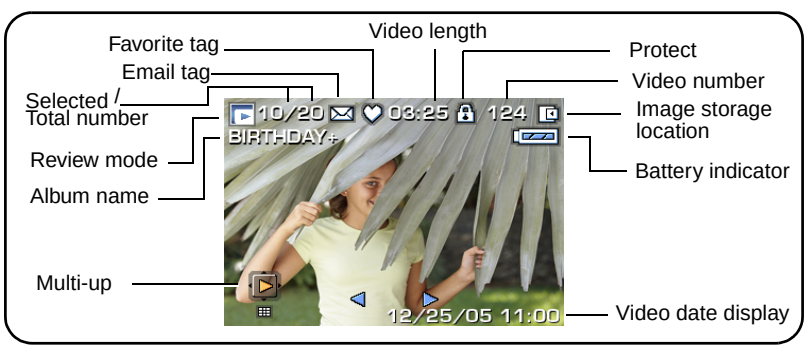
To deselect, press Set again. (The selected number in the set disappears.)

## Identifying the review icons

### Picture




### Video




See Highlight/shadow clipping on page 44 and Histogram on page 45.

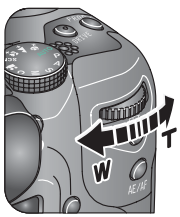
## Magnifying a picture during review

Use either the Digital zoom button or the Command dial to magnify your pictures.

Magnify 1X–10X (1X increments)

**Digital zoom button**

- Press Digital zoom to increase the magnification.
- Press OK to return to 1X.

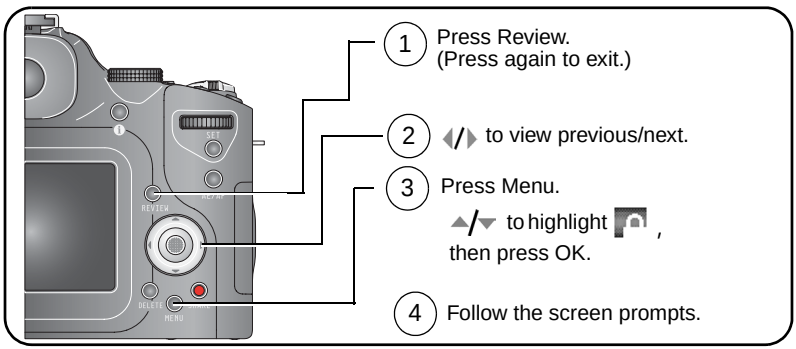



Magnify 1X–10X (1X increments)

**Command dial**

- Turn Command dial to increase or decrease the magnification.
- Press OK to return to 1X.

# Protecting pictures and videos from deletion




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

**EXIT—**exits the Protect screen.

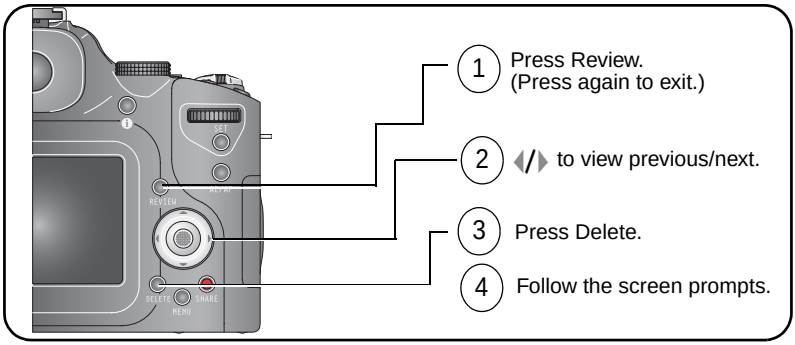
**SELECTED—**protects selected pictures and videos from your current storage location.

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

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

**CAUTION:**
**Formatting internal memory or an SD or MMC card deletes all (including protected) pictures, videos. (Formatting internal memory also deletes email addresses, album names, and favorites. To restore them, see EasyShare software Help.)**

## Deleting pictures and videos




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

**EXIT—**exits the Delete screen.

**SELECTED—**deletes selected pictures and videos from your current storage location.

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

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

# 3 Transferring and printing pictures

## Installing the software

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

1. Close all software applications that are open on your computer.
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.

   **Windows OS—**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, register your camera and software. Registering lets you sign up for information that keeps your system up-to-date. To register later, see www.kodak.com/go/register.

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

For information on the software applications included on the Kodak EasyShare software CD, click the Help button in the Kodak EasyShare software.

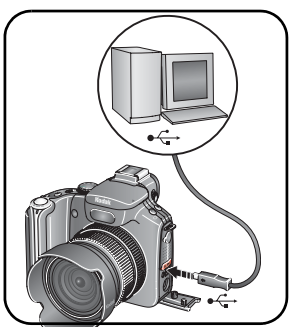
# Transferring pictures

You can transfer pictures to your computer using a USB cable (U-8), EasyShare dock, or Kodak multi-card reader/Kodak SD multimedia card reader-writer.

Purchase these and other accessories at a dealer of Kodak products or www.kodak.com/go/p880accessories.

## Transferring pictures with a USB cable, model U-8

If your package does not include an EasyShare dock, use the USB cable (model U-8) that came with your camera.



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

## Transferring pictures with an EasyShare dock

If your package includes an EasyShare dock, use it to transfer pictures to your computer. (For details, see the dock user's guide. To purchase accessories, see www.kodak.com/go/p880accessories. For dock compatibility, see page 23.)

# Printing from a Kodak EasyShare printer dock or your computer

**Printer dock**—Dock your camera to the Kodak EasyShare printer dock and print directly with or without a computer. For dock compatibility for your camera, see **page 23**. Purchase this and other accessories at a dealer of Kodak products or www.kodak.com/go/p880accessories.

**Computer**—Click the Help button in the Kodak EasyShare software.

# Printing from an optional SD or MMC card

- Automatically print tagged pictures when you insert your card into a printer with an SD or MMC card slot. See your printer user's guide for details.
- Make prints at an SD or MMC card-capable Kodak picture maker. (Contact a location prior to visiting. See www.kodak.com/go/picturemaker.)
- Take the card to your local photo retailer for professional printing.

# Ordering prints online

*Kodak EasyShare* Gallery, www.kodakgallery.com, (formerly Ofoto) is one of the many online print services offered in the Kodak 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.

# Direct printing with a PictBridge enabled printer

Your camera is compatible with PictBridge technology, which lets you print directly to PictBridge enabled printers, without a computer. You need:

- Camera with fully charged batteries, or with optional Kodak 5-volt AC adapter
- PictBridge enabled printer
- USB cable (U-8)

## Connecting the camera to the printer

1. Turn off the camera and printer.
2. Optional: If you have a Kodak 5-volt AC adapter (optional accessory), plug it into the camera and into an electrical outlet.
3. Using a USB cable for your camera, connect the camera to the printer. (See your printer user's guide for details.)

## Printing pictures

NOTE: Print size is dependant on printer capabilities. RAW and TIFF files are not directly printable (see page 57).

1 Turn the Mode switch to ON or .

NOTE: If you turned the Mode switch to Favorites, the current favorite picture is displayed.

2 Turn on 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 interface turns off, press any button to redisplay it.*

3 Move ▲/▼ to choose a printing option, then press the OK button.

NOTE: During direct printing, pictures are not transferred or saved to the computer or printer.

| | |
|---|---|
| **Current Picture** | Move ◀/▶ to choose a picture. Choose the number of copies. |
| **Tagged Pictures** | If your printer is capable, print pictures that you tagged for printing (see page 64). |
| **Index Print** | Print thumbnails of all pictures. This option requires one or more sheets of paper. |
| **All Pictures** | Print all pictures in internal memory, on a memory card, or in Favorites. Choose the number of copies. |
| **Image Storage** | Access internal memory, a memory card, or Favorites. |

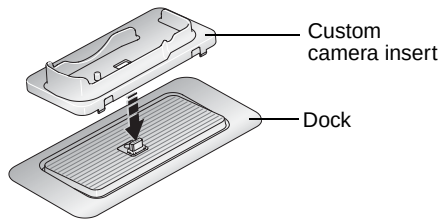
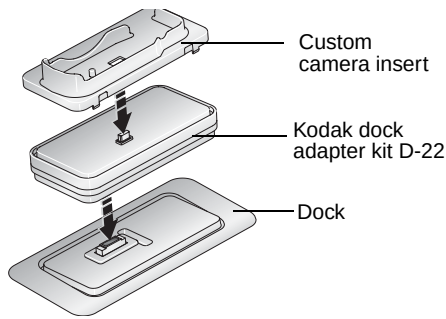
NOTE: If you turned the Mode dial to Favorites, the current favorite picture is displayed.

## Disconnecting the camera from the printer

1 Turn off the camera and printer.

2 Disconnect the USB cable from the camera and printer.

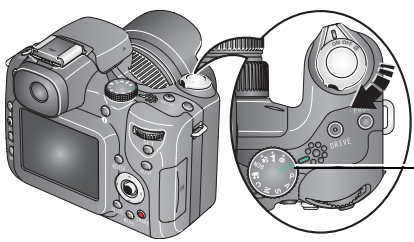
# Dock compatibility for your camera

| Kodak EasyShare dock | Docking configuration |
|---|---|
| ■ series 3 printer docks and camera docks |  |
| ■ printer dock<br>■ printer dock plus<br>■ printer dock 6000<br>■ camera dock 6000 |  |
| ■ printer dock 4000<br>■ camera dock II<br>■ LS420, LS443 camera dock | Not compatible |

Purchase camera docks, printer docks, and other accessories at a dealer of Kodak products or www.kodak.com/go/p880accessories.

# 4 Doing more with your camera

## Picture-taking modes



Choose the mode that best suits your subjects and surroundings.

Use Auto mode for general picture-taking.

| Use this mode | For |
|---|---|
| | Mode Switch—Capture and Favorites. |
| ON **Capture** | Taking pictures and videos. |
| **Favorites** | Viewing your favorites (see page 66). |

| Use this mode | For |
|---|---|
| | Mode Dial—11 settings. |
| **AUTO** | General picture-taking—offers an excellent balance of image quality and ease-of-use. |
| **Portrait** | **Portrait (default)** —full-frame portraits of people. Allows the subject to be sharp and the background to be indistinct. For best results, position your subject at least 6 ft (2 m) away and fill the frame with a head and shoulder pose. Use Telephoto to exaggerate background blur.<br>**Night Portrait** —reduces red eye of people in night scenes or low-light conditions. Place camera on a flat, steady surface or use a tripod.<br>**Anti-shake Night Portrait** —minimizes camera shake while capturing both subject and background. |
| **Landscape** | **Landscape (default)** —distant scenery.<br>**Night Landscape** —distant scenery at night.<br>For both settings, the flash does not fire and auto-focus framing marks (page 7) are not available. |
| **Flower** | **Flower (default)** —sharp pictures at close range. The camera automatically sets the focus distance depending on the zoom position. The close-up distances from the lens are 3.9–19.7 in. (10–50 cm) at Wide angle and 10–19.7 in. (25–50 cm) at Telephoto.<br>**Super Close-up** —sharp pictures at super close range. The close-up distance from the lens is 2–13.8 in. (5–35 cm) at Wide angle.<br>NOTE: Super Close-up is not effective at Telephoto zoom position.<br>Use available light instead of flash, if possible. |

| Use this mode | For |
|---|---|
| **SCN** **Scene** | Point-and-shoot simplicity when taking pictures under 8 special conditions (see page 28). |
| **P** **Program** | Controlling the exposure compensation, flash compensation (how much light enters the camera), and ISO speed (see page 41). The camera automatically sets the shutter speed and aperture (f-number) based on the scene lighting. Program mode offers the ease of auto shooting with full access to all menu options. Use the Command dial and Set button to select and adjust settings (see page 39). Press the Menu button to change other settings. |
| **A** **Aperture Priority** | Controlling the aperture, exposure compensation, flash compensation, and ISO speed (see page 41). Aperture priority mode is primarily used to control depth of field (the range of sharpness).<br>NOTE: The aperture setting may be affected when using optical zoom. Use the Command dial and Set button to select and adjust settings (see page 39). Press the Menu button to change other settings. |
| **S** **Shutter Priority** | Controlling the shutter speed, exposure compensation, flash compensation, and ISO speed (see page 41). The camera automatically sets the aperture for proper exposure. Shutter priority mode is primarily used to prevent blur when your subject is moving. To prevent camera shake, use a tripod for slow shutter speeds. Use the Command dial and Set button to select and adjust settings (see page 39). Press the Menu button to change other settings |
| **M** **Manual** | Enjoying the highest level of creative control. You can set the aperture, shutter speed, flash compensation, and ISO speed (see page 41). Exposure compensation acts as an exposure meter, recommending the proper combination of aperture and shutter speed to produce an acceptable exposure. To prevent camera shake, use a tripod for slow shutter speeds. Use the Command dial and Set button to select and adjust settings (see page 39). Press the Menu button to change other settings. |

| Use this mode | For |
|---|---|
| **C** **Custom** | A "user-created" mode that lets you save settings in P, A, S, M plus any Custom and menu settings which are saved independent of other camera settings. If you created settings in another mode, you can transfer and save them to any of the C modes using Copy to Custom (see table on page 53). |
| **Video** | Capturing video with sound (see page 5). |

## Scene modes

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

2 Move ◀/▶ to display Scene mode descriptions.

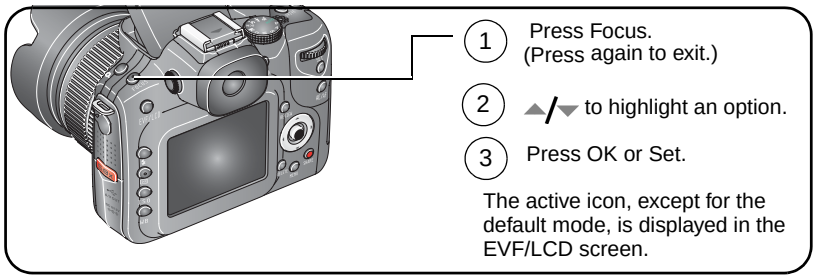
NOTE: If the Help text turns off, press the OK button.

3 Press the OK button to choose a Scene mode.

| Use this SCN mode | | For |
|---|---|---|
| | **Sport** | Subjects that are in motion. Shutter speed is fast. |
| | **Sunset** | Preserves the deep hues seen in sunsets. |
| | **Backlight** | Subjects that are in shadow or "backlit" (when light is behind the subject). |
| | **Candle light** | Captures the ambiance of candle light. |
| | **Text** | Documents. |
| | **Manner/ Museum** | Quiet occasions, like a wedding or lecture. Flash and sound are disabled. |
| | **Snow** | Bright snow scenes. |
| | **Beach** | Bright beach scenes. |

# Using the focus button

Set the focus for close-up and far-away scenes. Some settings may be unavailable in some modes.

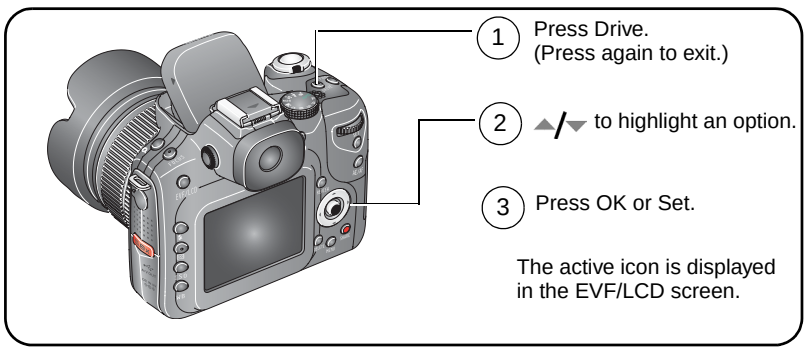



NOTE: For rapid setting changes, see page 43.

| Focus mode | | Description |
|---|---|---|
| AF | **Normal AF (default)** | Focus setting for general picture-taking from 19.7 in. (50 cm) to infinity at Wide angle/Telephoto. |
| | **Macro AF** | Sharpness and detail in pictures at close range. Use available light instead of flash, if possible. The close-up distance for Wide angle/Telephoto is 10–19.7 in. (25–50 cm). Use Super Close-up in the Flower mode (see table on page 24) for a closer range at Wide angle. |
| | **Infinity** | Distant subjects. Auto-focus framing marks are unavailable in Focus Landscape. |
| MF | **Manual** | Focus is at center position of the camera's field of view. When you rotate the Manual focus ring, a magnified portion of the screen, a bar to show the focus range, and a gauge to show the sharpness of focus are displayed. The higher in the plus direction, the better the detected focus. The close-up distance for Wide angle/Telephoto is 10 in. (25 cm) to infinity. |

# Using the drive mode for self-timer, burst, exposure bracketing

Some settings may be unavailable in some modes.




NOTE: For rapid setting changes, see page 43. For determining burst capacity, see page 32. RAW and TIFF are unavailable in Burst.

| Drive mode | | Description |
|---|---|---|
| **Single** | | Camera takes one picture. |
| | **Self-timer (10 sec)** | A 10-second delay to put yourself into the picture. Place camera on a tripod or flat surface. |
| | **Shutter Delay (2 sec)** | A 2-second delay allows for a steady, auto-shutter release on a tripod. |
| | **First Burst** Flash forced off. | Camera takes a series of pictures at approximately 0.6 second intervals while the Shutter button is pressed. For determining the quantity saved, see page 32. (Capture an expected event e.g., a person swinging a golf club.) |

| Drive mode | | Description |
|---|---|---|
| | **Last Burst**<br>Flash forced off. | Camera takes a series of pictures while the Shutter button is pressed. When the Shutter button is released, only the last 6 pictures are saved. (Capture an event when the precise timing is uncertain e.g., a child blowing out birthday candles.) |
| | **Exposure Bracketing 3**<br>Flash forced off. | Camera takes 3 pictures at a selected interval of 1/3, 2/3, or 1.0 EV. Determine the best exposure level for your conditions based on your evaluation of 3 pictures. |
| | **Exposure Bracketing 5**<br>Flash forced off. | Camera takes 5 pictures at a selected interval of 1/3, 2/3, or 1.0 EV. Determine the best exposure level for your conditions based on your evaluation of 5 pictures. |
| | **Time Lapse Burst** | Camera takes specified number of pictures (2–99) at specified intervals (10 seconds–24 hours in JPEG) and (1 minute–24 hours in TIFF and RAW). |

1 Set the Drive mode to the desired option, page 30.

2 Press the Shutter button **halfway** to set the AE/AF.

3 For all settings, except Burst, press the Shutter button **completely down** and release it to take the picture.

For Burst settings, press the Shutter button **completely down and hold it**. The camera stops taking pictures when you release the Shutter button, all pictures are taken, or there is no more storage space.

NOTE: To cancel self-timer and shutter delay during countdown, press the Shutter button again.

NOTE: During quickview you can delete all pictures in the burst series. To delete selectively, do so in Review (see page 17).

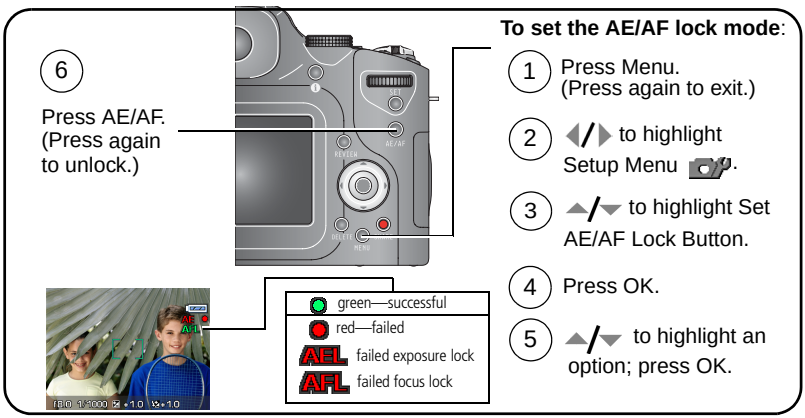
## Determining the burst capacity

The quantity of burst depends on the quality mode and the rate of compression. For information on File Type (picture compression), see page 47.

NOTE: TIFF format is unavailable in Burst.

| Quality mode | Resolution | Compression/File Type | Quantity |
|---|---|---|---|
| 8.0 MP | 3264 x 2448 | RAW | 0 |
| | | Fine | 7 |
| | | Standard | 12 |
| | | Basic | 19 |
| 7.1 MP | 3264 x 2176 | Fine | 8 |
| | | Standard | 13 |
| | | Basic | 21 |
| 5.0 MP | 2560 x 1920 | Fine | 11 |
| | | Standard | 19 |
| | | Basic | 29 |
| 3.1 MP | 2048 x 1536 | Fine | 17 |
| | | Standard | 29 |
| | | Basic | 45 |
| 0.8 MP | 1024 x 768 | Fine | 40 |
| | | Standard | 40 |
| | | Basic | 40 |

# Using the AE/AF (Auto Exposure/Auto Focus) button




| AE/AF lock mode | Description |
|---|---|
| AEL **(default)** | Exposure setting is independent of pressing the Shutter button. This allows for creative compositions and exposure situations. Retains the settings and prevents changes accidentally. |
| AFL | Use focus lock to obtain exact focus subject and situations where AF may not work. Allows for creative compositions and focus situations. Examples:<br>Low-contrast scenes: subject is wearing clothing that is the same color as the background.<br>Patterned subject or scene: building windows, subjects with horizontal stripes, animal in a cage, person in a forest, etc.<br>Extreme differences in brightness within the framing marks: light is in the background and main subject is in shadow. |
| AEL / AFL | Use when you want to control both exposure and focus independent of pressing the Shutter button. |

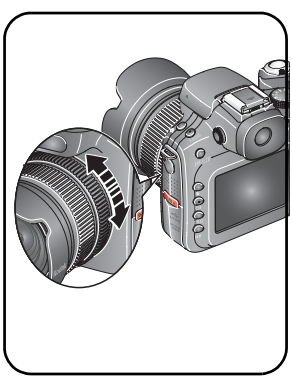
### Taking pictures using the AF lock

For special situations where AF may not work (page 33):

1. Set the AE/AF lock button to AF.
2. Place the framing marks on the main subject.
3. Press the AE/AF lock button.
4. Recompose the picture and press the Shutter button **halfway** to lock the exposure position.
5. Press the Shutter button **completely down** to take the picture.

## Using the Manual Focus (MF) assist AF

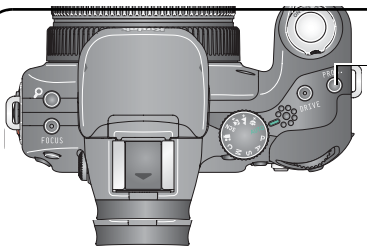
This feature lets you make additional adjustments to the focus.



1. Press the Menu button.
   (Press again to exit.)
2. Move ◀/▶ to highlight Setup.
3. Move ▲/▼ to highlight MF Assist AF, press OK.
4. Move ▲/▼ to highlight On, press OK.
   *This setting remains until you change it.*
5. Press the Shutter button halfway.
6. Rotate the Manual focus ring to adjust the focus. (Focus is at center position.)
   *A magnified display appears.*
7. Press the Shutter button completely down to take the picture.

# Using the program button

You can program this button to allow direct access to a Capture and Review submenu. For example, if you frequently adjust the Custom white balance settings, you can program this button to bring up the Custom white balance submenu—no need to access the menu to search for it. The Program button may be unavailable in some modes.




**Program the button**

1. Press Menu. (Press again to exit.)
2. ◀/▶ to highlight Setup.
3. ▲/▼ to highlight Program button review or Program button capture; press OK.
4. ▲/▼ to highlight a menu setting that you want to set to the button; press OK.

   NOTE: The next time you press Program, the selected setting appears. You can retain a setting in Capture and Review at the same time.

**Using the Programmed button**

5. In Capture or Review, press Program to bring up your programmed menu setting.
6. ▲/▼ to highlight a menu option; press OK.
7. Follow the screen prompts.

   ***The selected icon appears on the screen.***

NOTE: For rapid setting changes, see page 43.

## Program capture settings

Pressing the Program button in Capture, after program setup, allows for direct access to the submenus.

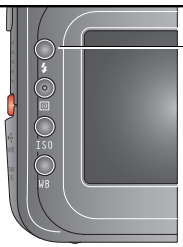
| Shortcut menu selections | |
|---|---|
| Picture size | AF zone |
| File type | Sharpness |
| Color mode | Contrast |
| Date stamp | Slow Flash setup |
| Custom white balance | Copy to C mode |
| AF control | Custom exposure mode |

## Program review settings

Pressing the Program button in Review, after program setup, allows for direct access to the submenus.

| Shortcut menu selections | |
|---|---|
| View | Copy |
| Album | Slide show |
| Protect | Video date display |
| Edit | Multi-up |
| Red-eye correction | |

# Changing the flash settings



1. Press ⚡.
   (Press again to exit.)
2. ▲/▼ to highlight an option.
3. Press OK or Set.

***A blinking flash icon indicates the flash is charging. Take the picture when the blinking stops.***

NOTE: Flash settings are preset for each picture-taking mode. Some of the flash settings may not be available in all Capture or SCN modes. When you change to Auto or Red-eye in some of these modes, it becomes the default until you change it.

NOTE: For rapid setting changes, see page 43.

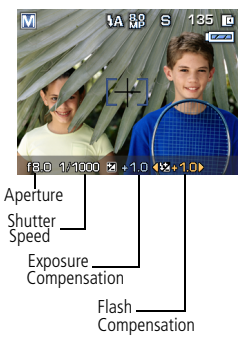
| Flash mode | Flash fires |
|---|---|
| **Auto** | When the lighting conditions require it. |
| **Fill** | Every time you take a picture, regardless of the lighting conditions. Use when the subject is in shadow or is "backlit" (when the light is behind the subject). In low light, hold the camera steady or use a tripod. |
| **Redeye** | Once, so the subject's eyes become accustomed to the flash, then fires again when the picture is taken. If the lighting conditions require flash but do not require Red-eye reduction, the flash may fire only once. |
| **Slow front sync** | Regardless of the shutter speed and right after the shutter fully opens. Only useful when slower shutter speeds are used. For other slow-flash settings, see table on page 53. |
| **Off** | Never. |

# PASM and C modes

Settings you change in C modes apply only to pictures taken in those modes.

For example, if you change the Color Mode to Sepia while in C mode, you still retain the default setting of Color for Auto and SCN modes.

NOTE: The settings, including Flash, Exposure Metering, ISO, and White Balance are maintained for PASM and C modes—even when you change modes or turn off the camera. Use Reset Camera (see page 52) to reset PASM to its default setting.




**Aperture**—also known as f-stop or f-number, controls the size of the lens opening, which determines the depth of field. Smaller f-numbers, for example f/2.8, refer to a bigger lens opening. Larger f-numbers, for example f/8, refer to a smaller lens opening.

Larger f-numbers keep the main subject sharp; good for landscapes and well-lit conditions. Smaller f-numbers are good for portraits and low-light conditions. The highest and lowest aperture numbers may be affected by optical zoom.

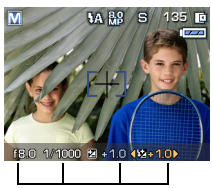
**Shutter Speed**—controls how long the shutter stays open. A shaking hand icon warns of slow shutter speeds. (Use a tripod for slow shutter speeds.)

**Exposure Compensation**—lets you manually adjust the exposure (± 2.0 in 1/3 steps); good for controlling backlit or non-standard scenes. If the picture is too light, decrease the setting; if it's too dark, increase the setting.

**Flash Compensation**—controls the flash brightness (±1.0 in 1/3 steps). You must be within flash range. Unavailable if flash setting is Off.

## Changing PASM or C mode settings

PASM and C modes control the f-number (aperture), shutter speed, exposure compensation, and flash compensation.




PASM & C mode options

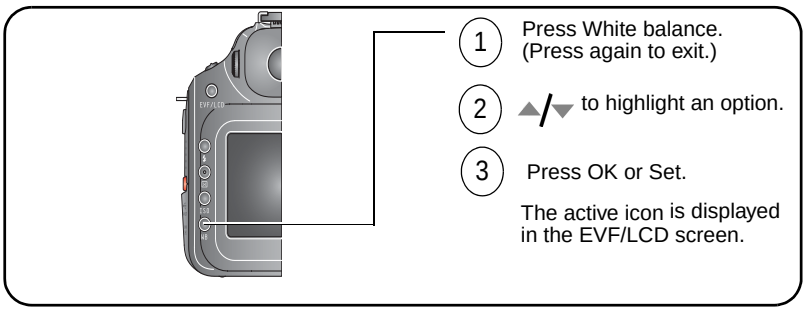
White—selectable
Blue—non-selectable
Yellow—changeable value
Red—out-of-range

1. Turn the Mode dial to P, A, S, M, or C.
2. Use the Command dial and Set button:
   - Turn the Command dial to move the selection arrow between the available settings.

     NOTE: See Menu on page 53 for Advanced picture-taking in PASM and C modes.
   - Press the Set button to open a setting.
   - Turn the Command dial to adjust the setting, then press Set to close.
3. Press the Menu button to change other settings (see page 46).
4. Take a picture.

## Using the white balance button

Choose your lighting condition.




NOTE: This button is not available in Auto, SCN, and Video modes.

NOTE: For rapid setting changes, see page 43.

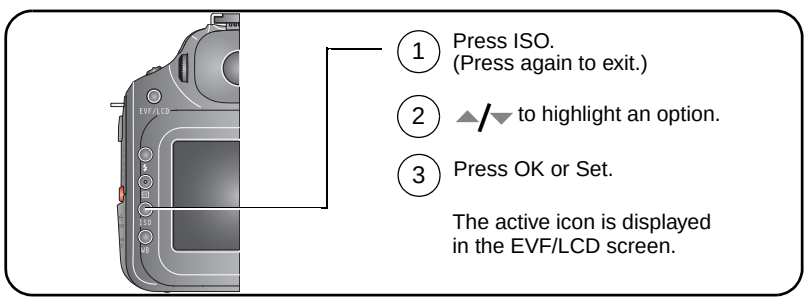
### White Balance (WB) options

| WB option | Description |
|---|---|
| **Auto (default)** | Automatically corrects white balance. Ideal for general picture-taking. |
| **Daylight** | Pictures in natural lighting. |
| **Cloudy** | Under overcast, shady or twilight skies. |
| **Open shade** | Pictures in the shade in natural lighting. |
| **Sunset** | Preserves the deep hues seen in sunsets. |
| **Tungsten** | Corrects the orange cast of household light bulbs. Ideal for indoor pictures under tungsten or halogen lighting without flash. |

| WB option | Description |
|---|---|
| **Fluorescent** | Corrects the green cast of fluorescent lighting. Ideal for indoor pictures under fluorescent lighting without flash. |
| **Click WB** | Captures a representative white surface for a more precise setting. Follow the screen prompts for Setup. |
| **Custom** WB1 WB2 WB3 | Uses a saved White balance setting that has been registered as a Custom white balance (see table on page 53). |

## Setting the ISO speed

The ISO speed controls sensitivity of the camera sensor. Higher settings are more sensitive to light, but may produce unwanted "noise" in a picture. Auto and SCN mode settings automatically adjust the camera sensitivity to the light conditions. Within PASM and C modes, the ISO button lets you adjust the setting.




NOTE: For rapid setting changes, see page 43.

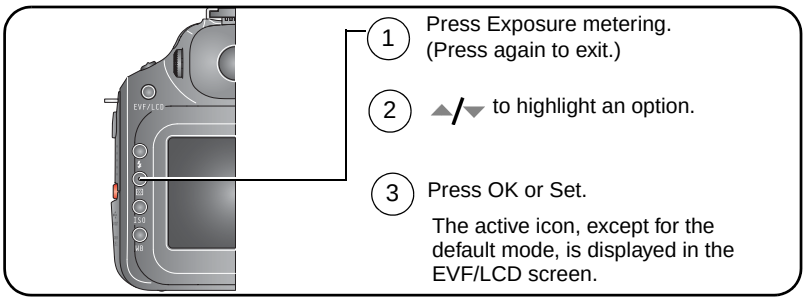
### ISO speed setting for selected picture size:

| ISO | Picture size (MP) |
|---|---|
| **ISO 50–400** | 3.1 MP, 5.0 MP, 7.1 MP, and 8.0 MP |
| **ISO 400–1600** | Available only in 0.8 MP |

NOTE: For selecting Picture size, see page 47.

## Using exposure metering

Choose a metering system in PASM or C mode for the appropriate lighting of your subject.




NOTE: For rapid setting changes, see page 43.

| Icon | Exposure metering options |
|---|---|
| | **Multi-Pattern (default)—**evaluates the lighting conditions at various points throughout the image to give an optimum picture exposure. Ideal for general picture taking. |
| | **Center-Weighted—**evaluates the brightness over a wide area with emphasis on the center of the screen. |
| | **Center-Spot—**similar to Center-weighted, except the metering is concentrated on a smaller area of the subject centered in the viewfinder. Ideal when you need an exact exposure of a specific area in the picture. A graphic for Center-spot appears on the screen. |
| | **Selectable Zone—**creates an exposure-metering setting from 1 of 25 possible screen locations. If used with Selectable Focus Zone (see table on page 53) they track together. Use / / to move the cross-hair graphic to the desired zone. |

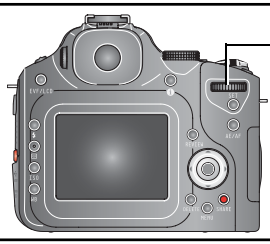
## Using exposure compensation with exposure bracketing

In PAS modes, you can use exposure compensation in conjunction with exposure bracketing.

| If exposure compensation is set to | And if the exposure bracketing interval is set to 3 steps | Then the exposures taken are |
|---|---|---|
| 0.0 | Set the drive mode to Exposure bracketing 3 (see page 30). | –0.3, 0.0, +0.3 |
| +1.0 | | +0.7, +1.0, +1.3 |
| –1.0 | | –1.3, –1.0, –0.7 |

# Using the command dial for rapid setting changes

Use the Command dial in combination with other buttons for rapid setting changes.



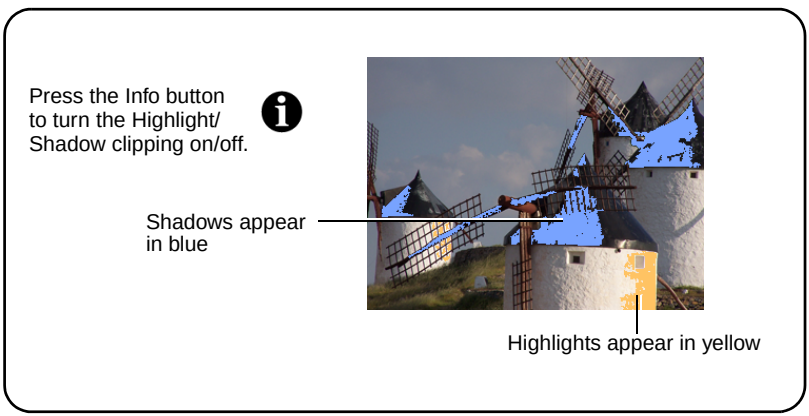

- Hold the Function button and rotate the Command dial to rapidly scroll through and select an option in the function menu.
- Release the Function button to close the menu.

NOTE: The Command dial is also used to adjust manual settings in PASM modes, see page 39.

| Function buttons that provide rapid setting changes: | | | |
|---|---|---|---|
| • | Flash button (page 37) | • | Exposure metering button (page 42) |
| • | Focus button (page 29) | • | White balance button (page 40) |
| • | Drive button (page 30) | • | Digital zoom button (page 9) |
| • | ISO button (page 41) | | |

# Using highlight/shadow clipping

You can view clipped areas of the picture to see detail in highlights and shadows that correspond to underexposure and overexposure. It's normal to have some highlight and shadow clippings because of the wide range of reflectance within a scene. If large amounts of the scene show clipping, adjust the exposure in PASM modes by changing, for example, the aperture or shutter-speed setting.

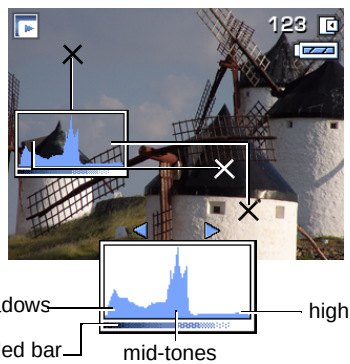



NOTE: If a scene is dark or light, you can adjust the exposure compensation before taking the picture. The flash may affect a picture's light and shadow.

# Using the histogram

In Capture or Review, the histogram shows the distribution of the subject's brightness. If the peak is to the right of the graph, the subject is bright; if it's to the left, the subject is dark (see shaded bar). Optimal exposure is usually achieved when the peak is in the middle of the histogram. Available only in PASM and C modes.

Press the Info button to turn the histogram on/off.



# Changing picture-taking settings

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

1 Press the Menu button (press again to exit).

2 Move ◀/▶ to highlight a menu tab —

- **Capture** for general picture-taking settings of stills.
- **Video** for video camera settings.
- **Setup** for customizing your camera settings.
- **Capture+** for advanced picture-taking settings. (Only available in PASM and C settings.)

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

4 Choose an option, then press the OK button.

## Still menu options

### Capture

Some settings are unavailable in Auto and SCN modes.

| Setting | Icon | Options that appear in Liveview |
|---|---|---|
| **Picture Size**<br>Choose a picture resolution.<br>*This setting remains until you change it.* | | **8.0 MP (default)—**for printing up to 30 x 40 in. (76 x 102 cm); pictures are highest resolution and largest file size.<br>**7.1 MP (3:2)—** ideal for printing 4 x 6 in. (10 x 15 cm) prints without cropping. Also for printing up to 30 x 40 in. (76 x 102 cm).<br>**5.0 MP—** for printing up to 11 x 14 in. (28 x 36 cm); pictures are medium resolution with smaller file size.<br>**3.1 MP—**for printing up to 8 x 10 in. (20 x 25 cm); pictures are medium resolution with smaller file size.<br>**0.8 MP—**for printing 4 x 6 in. (10 x 15 cm) prints, emailing, Internet, screen display, or for conserving space. |
| **File Type**<br>Compressed data, other than RAW or TIFF, to reduce storage (memory) space or transmission times.<br>*This setting remains until you change it.* | | **Basic—**JPEG, more compression, lowest quality.<br>**Standard (default)—** JPEG, standard compression.<br>**Fine—** JPEG, less compression, better quality.<br>**TIFF—** Uncompressed format used for saving highly detailed image data. Ideal for software programs for scanners and graphics applications.<br>**RAW—**Unprocessed image data in its original state to which white balance, sharpness, contrast, etc., have not been applied. To create a printable file for printing, see page 57. |

| Setting | Icon | Options that appear in Liveview |
|---|---|---|
| **Color Mode**<br>Choose color tones.<br>*This setting remains until you turn the Mode dial or turn off the camera.* | | **High Color**<br>**Natural Color (default)**<br>**Low Color**<br>**Black & White**<br>**Sepia**<br>NOTE: EasyShare software lets you change a color picture to black & white or sepia. But you cannot restore a black & white or sepia picture to color, except with a RAW file. |
| **Date Stamp**<br>Imprint the date on pictures. | | Choose a date option, or turn off the feature. (Default is off.) |

## Video menu options

### Video

| Setting | Icon | Options that appear in Liveview |
|---|---|---|
| **Video Size**<br>Choose a video resolution.<br>*This setting remains until you change it.* | | **640 x 480—**higher resolution and file size. Video plays in a 640 x 480 pixel window (VGA).<br>**320 x 240—**lower resolution and file size. Video plays in a 320 x 240 pixel window (QVGA). |
| **Video Length**<br>Choose a video duration.<br>*This setting remains until you turn off the camera.* | | **Continuous (default)—**as long as there is room on the card or internal memory, or until you press the Shutter button.<br>**5, 15,** or **30** seconds |
| **AF Control**<br>Choose an auto-focus setting.<br>*This setting remains until you turn off the camera.* | | **Continuous AF (default)—**focuses continuously. There is no need to press the Shutter button halfway down to focus.<br>**Single AF —**focuses only when the Shutter button is pressed halfway down. |

## Setup menu options

### Setup

All settings in the Setup menu remain selected until you change them.

| Setting | Icon | Options |
|---|---|---|
| **LCD Brightness**<br>Adjust the brightness of the LCD screen. | | **1, 2, 3 (default), 4,** or **5** |
| **Image Storage**<br>Choose a storage location for pictures and videos.<br>*This setting is unavailable in Favorites mode*. | | **Auto (default)**—the camera uses the card if one is in the camera. If not, the camera uses internal memory.<br>**Internal Memory**—the camera always uses internal memory, even if a card is installed. |
| **Set Album (Still, Video)**<br>Choose Album names. | | Pre-select album names before you take pictures or videos. Then, all the pictures or videos you take are tagged with those album names. See page 61. |
| **Low Light AF LED**<br>Emits a brief beam of light that illuminates the subject. Enables the camera to focus more effectively in low light. | | **On (default)**<br>**Off** |
| **MF Assist AF**<br>Use the Manual focus ring to further adjust the Auto Focus (AF). See page 34. | | **On**<br>**Off (default)** |
| **AE/AF button set**<br>Choose how the button works. See page 33. | | **AE lock (default)**<br>**AF lock**<br>**AE/AF lock** |
| **Program Button Capture**<br>Program this button in Capture mode for a shortcut to your favorite camera settings. | | See page 35**.** |

| Setting | Icon | Options |
|---|---|---|
| **Program Button Review**<br>Program this button in Review mode for a shortcut to your favorite review settings. | | See page 35. |
| **Orientation Sensor**<br>Orient pictures so they are displayed with the correct side up for Still capture only. | | **On**<br>**Off (default)** |
| **Quickview**<br>Change Quickview default to on or off. (For more information, see page 6.) | | **On (default)**<br>**Off** |
| **Camera Sounds**<br>Choose an overall sound theme or individual sounds. | | **Theme (default)—**overall.<br>**Shutter**<br>**Self-timer**<br>**Error** |
| **Sound Volume**<br>Turn off all sounds, or choose a volume level. | | **Off**<br>**Low**<br>**Medium (default)**<br>**High** |
| **Mode Description**<br>Display the mode descriptions.<br>(SCN mode descriptions remain active.) | | **On (default)**<br>**Off** |
| **Accessory Lens**<br>Ensure the correct focus when you use an accessory lens. | | **On**<br>**Off (default)** |
| **Date & Time**<br>Set the date and time. | | See page 4. |
| **Video Out**<br>Choose the regional setting that lets you connect the camera to a television or other external device. | | **NTSC (default)—**used in North America and Japan; most common format.<br>**PAL—**used in Europe and China. |

| Setting | Icon | Options |
|---|---|---|
| **EVF/LCD Stand By**<br>Select when you would like the EVF/LCD screen to time out. | | **15** or **30 seconds**<br>**1 minute (default)**<br>**2 minutes** |
| **Auto Power Off**<br>Select when you would like the camera to turn off. | | **3 minutes (default)**<br>**5, 10, 15**, or **30 minutes** |
| **Language**<br>Choose a language. | | See page 4. |
| **Reset Camera**<br>Reset all picture-taking settings to the camera defaults. | | **Reset** Auto, SCN, and PASM mode to its default setting. Settings for C modes are retained. |
| **Format**<br>**CAUTION:**<br>**Formatting deletes all pictures and 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.<br>**Cancel—**exits without making a change.<br>**Internal Memory—**deletes everything in internal memory including email addresses, album names, and favorites; formats the internal memory. |
| **Calibrate Imager**<br>Reset the imager. | | Resets the imager to factory calibration standards. |
| **About**<br>View camera information. | | Camera name and firmware version. |

## PASM and C menu options

### Capture+

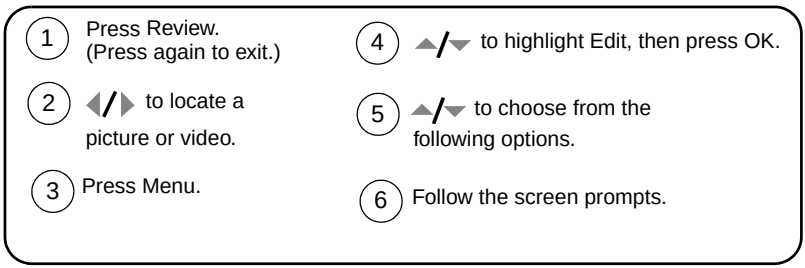
These settings are not available in Auto, SCN, or Video modes.

| Setting | Icon | Options that appear in Liveview |
|---|---|---|
| **Custom White Balance** | | **Compensation—**provides for custom color adjustment.<br>**Registration—**saves white balance settings as Custom white balance settings WB1, WB2, and WB3. |
| **AF Control**<br>Choose an auto-focus setting.<br>*This setting is kept across PASM and independently in C until you change it.* | | **Continuous AF (default)—**camera continuously displays a picture in focus. This option uses the most battery power.<br>**Single AF —**camera is only in focus when the Shutter button is pressed halfway down. This option uses less battery power. |
| **AF Zone**<br>Select a large or concentrated area of focus.<br>*This setting is kept across PASM and independently in C until you change it.* | | **Multi Zone (default)—**evaluates 9 zones to give an even picture focus. Ideal for general picture-taking.<br>**Center Zone—**evaluates the small area centered in the viewfinder. Ideal when precise focus of a specific area in the picture is needed.<br>**Selectable Zone—**use ◀/▶ ▲/▼ to move the focus brackets to any of 25 focus zones (5 vertical, 5 horizontal). |
| **Sharpness**<br>*This setting is kept across PASM and independently in C until you change it.* | | **High**<br>**Normal (default)**<br>**Low** |

| Setting | Icon | Options that appear in Liveview |
|---|---|---|
| **Contrast**<br>*This setting is kept across PASM and independently in C until you change it.* | | **High**<br>**Normal (default)**<br>**Low** |
| **Slow Flash Setup**<br>Choose a slow-flash setting option. Access to the Front Sync (default) setting is also available in the Flash button menu (page 37).<br>*This setting is kept across PASM and independently in C until you change it.* | | **Front Sync (default)** —synchronizes at the beginning of the shutter. Ideal for night-scene background; fast shutter speeds can make background too dark. This feature allows both a slow shutter speed for the background to enhance the detail and a flash for the subject.<br>**Front Sync Redeye** —Front-curtain sync and Red-eye are simultaneously set. Ideal for a person against a brightly lit night background. Lets you capture the background correctly and reduce the red-eye.<br>**Rear Sync** —synchronizes at the end of the shutter. The flash fires just before the shutter closes to create a stream-of-light effect behind a moving object for a more natural appearance.<br><br>Place the camera on a flat surface or tripod. |
| **Copy to Custom**<br>Transfer current settings on the camera to a Custom mode. | | Save settings to 1 of 3 Custom modes.<br>Only the settings from PASM are saved as Custom settings. |
| **Custom Exposure Mode**<br>Choose a preferred capture exposure mode. (See Custom modes, page 27.)<br>*This setting remains until you change it.* | | **Program (default)**<br>**Aperture Priority**<br>**Shutter Priority**<br>**Manual**<br>Available only in Custom (C) mode. |

# Editing functions for Still and Video

This camera has editing capabilities for both still and video.




## Still editing options

- Crop—crop unwanted picture information. For example, you can remove too much background from a group-shot picture. You can also change the aspect ratio (Portrait or Landscape) of the picture. See page 56.
- Resize—reduce the number of pixels in a picture to increase storage memory.

## Video editing options

- Make Picture—make a still picture from a single frame of a video. There may be limitations to the size you can print because of the small picture size (much smaller than minimum picture size).
- Trim—cut the beginning and end of a video.
- Cut—cut out a middle section of a video.
- Split—split video into two sections. You choose the split point.
- Merge—put two compatible videos together (the reverse of split).

## Cropping pictures

1. See Editing functions, then follow steps 1–4.
2. ▲/▼ to highlight crop, then press OK.
3. ▲/▼ to select the desired cropping format, then press OK.
   - Press the Zoom lever to adjust the size.
   - ◀/▶ ▲/▼ to adjust the location.
4. ▲/▼ to select Continue, then press OK.
5. Press the Menu button to exit the menu.

The picture is copied, then cropped. The original picture is saved. A cropped picture cannot be cropped again on the camera. Cropped pictures take up space in the internal memory or on a card.

# RAW file development

This feature lets you develop, edit, and save a JPEG or TIFF printable copy of a RAW file. It does not affect the original file. RAW files provide 3 advantages:

- A digital negative for file authenticity
- Ability to correct exposure after capture
- Ability to adjust tonal qualities after capture

1. Press Review.
2. ◀/▶ to locate a RAW image.
3. Press Menu.
4. ▲/▼ to highlight RAW file develop, then press OK.
5. ▲/▼ to highlight main option, then press OK.
6. ▲/▼ to highlight sub option, then press OK.

   NOTE: To select other options, repeat steps 5 & 6.
7. ▲/▼ to highlight Develop RAW file, then press OK.

NOTE: The settings for these options may vary from the settings listed in the Capture + menu on page 46.

| Options for RAW development: | | | |
|---|---|---|---|
| | Picture Size | | Sharpness |
| | File Type | | Contrast |
| | Exposure Compensation | | White Balance |
| | Color Mode | | White Balance Compensation |

NOTE: Pictures taken at the 4.5 MP (3:2) quality setting are displayed at a 3:2 aspect ratio with a black bar at the top and bottom of the screen.

# Viewing picture/video information

1 Press Review. (Press again to exit.)

2 / to locate a picture or video.

3 Press repeatedly to view picture/video information.

## Using optional review menu

In Review, press the Menu button to access review functions.

| | |
|---|---|
| • View | • Slide Show |
| • Album | • Copy |
| • Protect | • Raw File Develop (only RAW) |
| • Edit (only JPEG) | • Video Date Display (only Video) |
| • Redeye Reduction Program | • Multi-Up |

# 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 picture storage location is set to the location **from** which you are copying. See Image Storage, page 50.

**Copy pictures or videos:**

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

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

3 Move ▲/▼ to highlight an option:

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

**EXIT**—returns to the Review menu.

**SELECTED**—copies previously selected pictures and videos from your selected storage location to the other location.

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

4 Press the OK button.

NOTE: Pictures and videos are copied, not moved. To remove pictures and videos from the original location after copying, delete them (see page 17).

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 16.

# Running a slide show

Use the Slide Show to display your pictures and videos on the LCD screen.
To run a slide show on a television or on any external device, see page 61.
To save battery power, use an optional Kodak 5-volt AC adapter.
(Visit www.kodak.com/go/p880accessories.)

## Starting the slide show

1. Press the Review button, then press the Menu button.
2. Move ▲/▼ to highlight Slide Show , then press the OK button.
3. Move ▲/▼ to highlight your Begin show option, then press the OK button.

   *Each picture and video is displayed once.*

To interrupt the Slide Show, press the OK button.

## Changing the slide show display interval

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

1. On the Slide Show menu, move ▲/▼ 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.

   *The interval 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, move ▲/▼ to highlight Loop, then press the OK button.

2 Move ▲/▼ to highlight On, then press the OK button.

*When the slide show is started with Loop On, the slide show repeats until you press the OK button or until battery power is exhausted. The Loop feature 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. (Image quality on a television screen may not be as good as on a computer monitor or when printed.)

NOTE: Ensure that the Video Out setting (NTSC or PAL) is correct (see page 51). The slide show stops if you connect or disconnect the cable while the slide show is running.

1 Connect an audio/video cable (AV-8) from the camera USB, A/V Out port to the television video-in port (yellow) and audio-in port (white). See your television user's guide for details.

2 Review pictures and videos or play a slide show on the television.

## Pre-tagging for album names

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

### First—on your computer

Use Kodak EasyShare software that came with your camera to create album names on your computer. Then copy up to 32 album names to the album name list the next time you connect the camera to the computer. See Kodak EasyShare software Help for details.

## Second—on your camera

1. In any mode, press the Menu button.
2. Move ◀/▶ to highlight Setup .
3. Move ▲/▼ to highlight Set Album , then press the OK button.
4. Move ▲/▼ to highlight an album name, then press the OK button. Repeat to mark pictures or videos for albums.

   *Selected albums are noted with a colored box.*
5. To remove a selection, highlight an album name and press the OK button. To remove all album selections, select Clear All.
6. Highlight Exit, then press the OK button.
7. Press the Menu button to exit the menu.

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

## Third—transfer to your computer

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

## Tagging pictures/videos for albums

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

### First—on your computer

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

**Second—on your camera**

1. Press the Review button, then locate the picture or video.
2. Press the Menu button.
3. Move ▲/▼ to highlight Album, then press the OK button.
4. Move ▲/▼ to highlight Picture/Video, Selected, or All, then press OK.
5. Move ▲/▼ to highlight an album folder, then press the OK button.

   If you tagged a single Picture/Video, you can add other pictures to the same album by moving the Joystick ◀/▶ to scroll through the pictures. When the picture you want is displayed, press the OK button.

   To add the pictures to more than one album, repeat step 5 for each album.

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

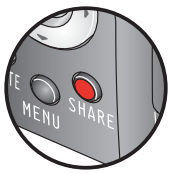
To remove a selection, highlight an album name and press the OK button. To remove all album selections, select Clear All, Exit, and OK.

**Third—transfer to your computer**

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

# Sharing your pictures

When your pictures/videos are transferred to your computer, you can share them by:




- Print (page 64)
- Email (page 65)
- Favorites, page 66

## When can I tag my pictures and videos?

**Press the Share button to tag pictures/videos:**

- Any time. (The most recent picture/video taken is then displayed.)
- Just after you take a picture/video, during Quickview (see page 6).
- After pressing the Review button (see page 12).

## Tagging pictures for printing

NOTE: RAW and TIFF files are not printable.

1 Press the Share button. Move ◀/▶ to locate a picture.

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

3 Move ▲/▼ to highlight Picture, Selected, or All, then press the OK button.

4 Move ▲/▼ to select the number of copies (0-99). Zero (0) removes the tag for that picture.

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

5 **Optional** (for single Picture)**:** You can apply a print quantity to other pictures. Move ◀/▶ to locate a picture. Keep the print quantity as is, or ▲/▼ to change it. Repeat this step until the desired print quantity is applied to the pictures.

6 Press the OK button. Then press the Share button to exit the menu.

* To remove print tagging for all pictures in the storage location, highlight Cancel Prints, then press the OK button. Cancel Prints is not available in Quickview.

### Printing tagged pictures

When you transfer the tagged pictures to your computer, the Kodak EasyShare software Print screen opens. For details on printing, click the Help button in the Kodak EasyShare software.

For more information on printing from your computer, printer dock, PictBridge enabled printer, or card, see page 21.

NOTE: For the best 4 x 6 in. (10 x 15 cm) prints, set the camera to the 7.1 MP (3:2) print quality setting.

## Tagging pictures and videos for emailing

### First—on your computer

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

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

1. Press the Share button. Move ◀/▶ to locate a picture/video.
2. Move ▲/▼ to highlight Email, then press the OK button.
3. Move ▲/▼ to highlight Picture/Video, Selected, or All, then press the OK button.
4. Move ▲/▼ to highlight an email address, then press the OK button. Press OK again to deselect.

   If you tagged a single Picture/Video, you can tag other pictures/videos with the same address. Move ◀/▶ to scroll through them. When the picture you want is displayed, press OK.

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

   *Selected addresses have a colored box next to them when you Exit.*

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

6 Move ▲/▼ to highlight Exit, then press the OK button.

7 Press the Share button to exit the menu.

**Third—transfer and email**

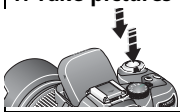
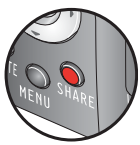
When you transfer the tagged pictures/videos to your computer, the Email screen opens and lets you send them to the addresses you specified. For details, click the Help button in the Kodak EasyShare software.

## Tagging pictures as favorites

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

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

## Share your favorite pictures in 4 easy steps:

| | |
|---|---|
| **1. Take pictures**<br>  | |
| **2. Tag pictures as Favorites**<br>  | **1** Press Share. Move ◀/▶ to locate a picture.<br>**2** Move ▲/▼ to highlight Favorite ♥: press the OK button.<br>**3** Move ▲/▼ to highlight Picture, Selected, or All; press the OK button.<br>*The icon appears in the status area. To remove the tag, repeat Step 2.* Press Share again to exit. |
| **3. Transfer pictures to your computer** | **1** To enjoy full functionality, install and use the EasyShare software that was packaged with this camera (see page 18).<br>**2** Connect the camera to the computer using the USB cable (see page 19) or an EasyShare dock.<br>*The first time you transfer pictures, the software helps you make choices about your favorite pictures. Then, your pictures are transferred to the computer. Favorite pictures (smaller versions of the originals) are loaded to the Favorites section of your camera's internal memory.* |
| **4. View favorites on your camera**<br> | **1** Turn the Mode switch to Favorites ♥.<br>**2** Move ◀/▶ to scroll through favorites.<br>To exit Favorites mode, turn the Mode dial to any other position. |

NOTE: The camera holds a limited number of favorites. Use Camera Favorites in the EasyShare software to customize the size of your camera Favorites section. Videos tagged as favorites remain in the Favorites folder in the EasyShare software and are not transferred to the camera. For more information, click the Help button in the Kodak EasyShare software.

### Optional settings

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

| | | | |
|---|---|---|---|
| | View (page 13) | | Remove all favorites (page 68) |
| | Slide Show (page 60) | | Multi-up (page 13) |

NOTE: Pictures taken at the 7.1 MP (3:2) quality setting are displayed at a 3:2 aspect ratio with a black bar at the top and bottom of the screen.

### Removing all favorites from your camera

To increase internal memory for picture-taking, remove favorites from your camera.

1. Turn the Mode switch to Favorites .
2. Press the Menu button.
3. Highlight , then press the OK button.

   *All pictures stored in the Favorites section of internal memory are removed. Favorites are restored the next time you transfer pictures to the computer.*
4. Press the Menu button to exit the menu.

### Preventing favorites from transferring to the camera

1. Open the Kodak EasyShare software. Click the My Collection tab.
2. Go to the Albums view.
3. Click the Camera Favorites Album for your camera.
4. Click Remove Album. (The original pictures remain unchanged.)

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

### Printing favorites

1 Turn the Mode switch to Favorites. Move ◀/▶ to locate a picture.

2 Press the Share button.

3 Highlight Print, then press the OK button.

4 Move ▲/▼ to highlight Picture/Video, Selected, or All, then press the OK button.

5 Move ▲/▼ to highlight Print quantity, then press the OK button.

*The icon appears in the status area.*

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

### Emailing favorites

1 Turn the Mode switch to Favorites. Move ◀/▶ to locate a picture.

2 Press the Share button.

3 Highlight Email, then press the OK button.

4 Move ▲/▼ to highlight Picture/Video, Selected, or All, then press the OK button.

5 Move ▲/▼ to highlight one or more address, then press the OK button.

*A colored box is next to the selected address and the icon appears in the status area.*

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

# 5 Troubleshooting

## Camera problems

For step-by-step product support, visit www.kodak.com/go/p880support and select Interactive Troubleshooting and Repairs.

| If... | Try one or more of the following |
|---|---|
| Camera does not turn on<br>Camera does not turn off<br>Camera buttons and controls do not function | ■ Remove battery and verify that it's the correct type, then reinsert it.<br>■ Insert a charged battery.<br>■ Connect the camera to a Kodak 5-volt AC adapter (sold separately), then try again. See page 2for more battery information. |
| EVF/LCD screen is black or does not turn on | ■ Remove the lens cap.<br>■ Push the EVF/LCD toggle button to change display.<br>■ Press any button to restore the EVF/LCD from Stand By.<br>■ Turn the camera off, then on again to restore power. |
| In Review, a blue or black screen is displayed instead of a picture | ■ Transfer *all* pictures to the computer (see page 19).<br>■ Take another picture. If problem continues try internal memory or another memory card. Download all the images, then format the card and try using the card again in the camera. |
| Pictures remaining number does not decrease after taking a picture | ■ Continue taking pictures. The camera is operating normally<br>(The camera estimates the number of pictures remaining after each picture is taken, based on picture size and content.) |
| Picture orientation is not accurate | ■ Set the Orientation Sensor to ON (page 51). |
| Flash does not fire | ■ Open the flash unit (page 10).<br>■ Check the flash setting and change as needed (page 37). |

| If... | Try one or more of the following |
|---|---|
| External flash does not fire | ■ Turn on the flash unit.<br>■ Insert a charged battery. |
| Storage location is almost or entirely full | ■ Transfer pictures to the computer (page 19).<br>■ Delete pictures from the card or insert a new one (page 17).<br>■ Change image storage location to internal memory (see table on page 50). |
| You cannot take a picture | ■ Turn the camera off, then on again.<br>■ Depress shutter button all the way (page 5).<br>■ Insert a charged battery (page 2).<br>■ Memory full. Transfer pictures to the computer (page 19), delete pictures from the camera (page 17) or card, change image storage location, or insert a new card. |
| Error message appears on EVF/LCD screen | ■ Turn the camera off, then on again.<br>■ Follow action recommended on screen, record error number, if displayed; then turn camera off, then on again.<br>■ Remove memory card from the camera and/or download pictures, then format the card and try using the card again in the camera.<br>■ Remove the battery and wipe the contacts with a clean, dry cloth (page 86). Reinstall the battery.<br>■ If all else fails, get customer support help (see page 76). |
| Memory card not recognized or camera freezes with card. | ■ Card may be corrupted. Format card in camera (see page 4). Data will be erased if formatted.<br>■ Use another memory card. |

# Computer/connectivity problems

| If... | Try one or more of the following |
|---|---|
| Computer does not communicate with the camera | ■ Insert a charged battery (page 2).<br>■ Turn on the camera.<br>■ Make sure proper USB cable is securely connected on camera and computer port (page 19). (If using an EasyShare dock, check all cable connections. Make sure the camera is seated on the dock.)<br>■ Make sure the EasyShare software is installed (page 18). |
| Pictures do not transfer to computer | ■ Click the Help button in the EasyShare software. |
| Slide Show does not run on an external video device | ■ Adjust the camera Video Out setting (NTSC or PAL, see table on page 50).<br>■ Make sure the external device settings are correct (see the device's user's guide). |

# Picture quality problems

| If... | Try one or more of the following |
|---|---|
| Picture is too dark or underexposed | ■ Reposition camera for more available light.<br>■ Use Fill flash (page 37) or change your position so light is not behind the subject.<br>■ Move so that the distance between you and the subject is within the effective flash range (page 10).<br>■ To automatically set exposure and focus, press the Shutter button **halfway and hold**. When the AE/AF indicator turns green, press the Shutter button **completely down** to take the picture.<br>■ Use P mode to adjust the Exposure and Flash Compensations (page 39).<br>■ Use P mode (page 39) and Selectable AF Zone (see table on page 53). |
| Picture is too light or overexposed | ■ Reposition camera to reduce the amount of available light.<br>■ Turn flash off (page 10).<br>■ Move so that the distance between you and the subject is within the effective flash range (page 10).<br>■ To automatically set exposure and focus, press the Shutter button **halfway and hold**. When the AE/AF indicator turns green, press the Shutter button **completely down** to take the picture.<br>■ Use P mode to adjust the Exposure and Flash Compensations (page 39). |

| If... | Try one or more of the following |
|---|---|
| Picture is not clear | ■ To automatically set exposure and focus, press the Shutter button **halfway and hold**. When the AE/AF indicator turns green, press the Shutter button **completely down** to take the picture.<br>■ Clean the lens (page 88).<br>■ Make sure camera is not in Macro AF mode if you are outside of the Macro AF setting or the Flower and Close-up mode specifications.<br>■ Make sure camera is not in Telephoto mode if you are closer than the telephoto focus specification.<br>■ Place the camera on a flat, steady surface or use a tripod, especially in high-zoom settings or in low light. |

# Direct printing (PictBridge) problems

| Status | Solution |
|---|---|
| Cannot locate desired picture. | ■ Use the Direct print menu to change the image storage location. |
| The Direct print menu display turns off. | ■ Press any button to redisplay the menu. |
| Cannot print pictures. | ■ Ensure that there is a connection between the camera and printer (page 21).<br>■ Ensure the printer and camera have power (page 21). |
| Camera or printer display an error message. | ■ Follow the prompts to resolve the issue. |

**Still having problems?**

Visit www.kodak.com/go/p880support, or see page 75.

For Direct printing issues, contact the printer manufacturer.

# 6 Getting help

## Helpful links

| | | |
|---|---|---|
| **Camera** | Get support for your product (FAQs, troubleshooting information, etc.) | www.kodak.com/go/p880support |
| | Purchase camera accessories (camera docks, printer docks, lenses, cards, etc.) | www.kodak.com/go/p880accessories |
| | Download the latest camera firmware and software | www.kodak.com/go/p880downloads |
| | See online demonstrations of your camera | www.kodak.com/go/howto |
| **Software** | Get information on EasyShare software | www.kodak.com/go/easysharesw (or click the Help button in the EasyShare software) |
| | Get help with the Windows operating system and working with digital pictures | www.kodak.com/go/pcbasics |
| **Other** | Get support for other cameras, software, accessories, more | www.kodak.com/go/support |
| | Get information on Kodak EasyShare printer docks | www.kodak.com/go/printerdocks |
| | Get information on Kodak inkjet products | www.kodak.com/go/inkjet |
| | Optimize your printer for truer, more vibrant colors | www.kodak.com/go/onetouch |
| | Register your camera | www.kodak.com/go/register |

# 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 or 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) & free hard disk space
- Camera serial number
- Version of Kodak EasyShare software
- Exact error message you received

| | | | | | |
|---|---|---|---|---|---|
| Australia | 1800 147 701 | Greece | 00800 441 40775 | Singapore | 800 6363 036 |
| Austria | 0179 567 357 | Hong Kong | 800 901 514 | Spain | 91 749 76 53 |
| Belgium | 02 713 14 45 | India | 91 22 617 5823 | Sweden | 08 587 704 21 |
| Brazil | 0800 150000 | Italy | 02 696 33452 | Switzerland | 01 838 53 51 |
| Canada | 1 800 465 6325 | Japan | 03 5540 9002 | Taiwan | 0800 096 868 |
| China | 800 820 6027 | Korea | 00798 631 0024 | Thailand | 001 800 631 0017 |
| Denmark | 3 848 71 30 | Netherlands | 020 346 9372 | Turkey | 00800 448 827073 |
| Indonesia | 001 803 631 0010 | New Zealand | 0800 440 786 | UK | 0870 243 0270 |
| Ireland | 01 407 3054 | Norway | 23 16 21 33 | US (toll-free) / (toll) | 1 800 235 6325 / 585 781 6231 |
| Finland | 0800 1 17056 | Philippines / Metro Manila | 1 800 1 888 9600 / 632 6369600 | International Toll Line | +44 131 458 6714 |
| France | 01 55 1740 77 | Poland | 00800 441 1625 | International Toll Fax | +44 131 458 6962 |
| Germany | 069 5007 0035 | Portugal | 021 415 4125 | | |

Visit: www.kodak.com/go/dfiswwcontacts

# 7 Appendix

## Camera specifications

For more specifications, visit www.kodak.com/go/p880support.

| Kodak EasyShare P880 zoom digital camera | |
|---|---|
| **CCD** (charge-coupled device) | |
| CCD | 1/1.8 in. CCD, 8.3 MP, 4:3 aspect ratio |
| Output image size | 3264 x 2448 (8.0 MP)<br>3264 x 2176 (7.1 MP) 3:2<br>2560 x 1920 (5.0 MP)<br>2048 x 1536 (3.1 MP)<br>1024 x 768 (0.8 MP) |
| **Displays** | |
| Color display | 2.5 in. (6.4 cm) color hybrid LCD, 480 x 240 (115 K) pixels |
| Color viewfinder—Electronic (EVF) | LCD and EVF not simultaneous;<br>Optical, 237 K pixels |
| Preview (LCD/EVF) | Frame rate: 30 fps; Field-of-view: 100%. |
| **Lens** | |
| Taking lens (Optical zoom) | 5.8X optical zoom, f/2.8–f/4.1/f/8.0<br>(35 mm equivalent: 24–140 mm) |
| Digital zoom | 1.4X and 2X increments |
| Combined zoom | 12X |

| Kodak EasyShare P880 zoom digital camera | |
|---|---|
| Focus system | TTL–AF with program modes: Center-weighted and Multi-pattern, 25-selectable points. Working range:<br>2 in. (5 cm)–infinity @ wide<br>10 in. (25 cm)–infinity @ tele<br>10–19.7 in. (25–50 cm) @ macro, wide /macro, tele |
| Lens hood | Yes |
| Lens protection | Lens cap on moving lens barrel thread |
| Lens thread | Yes (on fixed and moving lens barrels) |
| **Exposure** | |
| Exposure metering | TTL-AE, Modes: Multi-pattern, Center-weighted, Center-spot, Selectable zone (25) |
| Exposure compensation | Selectable ± 2.0 EV range, in 1/3 EV steps |
| Exposure bracketing | 3 or 5 images with selectable 1/3, 2/3, or 1.0 EV steps |
| Exposure control | AE or selectable Exposure metering, Compensation, and Bracketing |
| AE/AF lock | AE or AF lock independent of pressing the Shutter button |
| Shutter speed | Mechanical and electronic CCD<br>Auto: 1/2 –1/4000 sec.<br>Manual (S & M mode): 16–1/4000 sec. |
| ISO speed | Selectable PASM and C mode ISO 50–400 (except 0.8 MP Picture size); ISO 400–1600 available only in 0.8 MP Picture size |
| **Flash** | |
| Electronic flash (manual flip-up deploy) | Guide no. 9 (@ ISO 100)<br>Working range:<br>1.6–13.1 ft (0.5–4.0 m) @ Wide<br>1.6–10.2 ft (0.5–3.1 m) @ Tele |

| Kodak EasyShare P880 zoom digital camera | |
|---|---|
| External flash | Extended flash range with Kodak external flash unit:<br>Guide no. 24 (working range 28 ft (8.6 m) @ ISO 100, f/2.8, Wide)<br>Guide no. 40 (working range 32 ft (9.8 m) @ ISO 100, f/4.1, Tele) |
| Flash compensation | –1 to +1 EV in 0.3 EV steps |
| Hot shoe | Yes |
| Front-/Rear-curtain sync | Available only in the slow-flash settings |
| **Capture** | |
| Capture modes | Auto, Portrait, Landscape, Flower, SCN (8), PASM & C, Video |
| Burst mode | First 0.6 sec. intervals, Last 0.8 sec. intervals, & Time Lapse |
| Video capture | VGA (640 x 480) @ 30 fps<br>QVGA (320 x 240) @ 30 fps |
| Image file format | Still JPEG: EXIF 2.21 (fine, standard, & basic compression); file organization DCF<br>Still RAW: file organization Kodak original<br>Still TIFF: TIFF format<br>Video: QuickTime format; (Motion–JPEG) |
| Image stabilizer | No |
| Internal memory/ Removable | 32 MB internal memory/30 MB available for image storage (1 MB equals one million bytes); Optional MMC or SD Card (The SD logo is a trademark of the SD Card Association.) |
| Image capacity | 6 images @ 8 M, JPEG images at fine compression mode & 4:3 aspect in internal memory |
| Still image buffer | 32 MB internal memory |
| **Review** | |
| Quickview | Yes |
| Video output | NTSC or PAL |

| Kodak EasyShare P880 zoom digital camera | |
|---|---|
| **Power** | |
| Kodak Li-Ion rechargeable digital camera battery KLIC-5001 (or equivalent); 5V AC adapter, optional | |
| **Communication with computer/TV** | |
| USB 2.0 (PIMA 15740 protocol), via USB, 8-pin cable (Model U-8), EasyShare camera dock or printer dock, AV cable, 8-pin (Model AV-8) | |
| **Other features** | |
| PictBridge support | Yes |
| Self-timer | Yes, 2 and 10 seconds |
| Sound feedback | Shutter, Self-timer, Error/Warning, Sound Themes |
| White balance | Auto, Daylight, Tungsten, Fluorescent, Cloudy, Open Shade, Sunset, Click WB, WB1, WB2, WB3 |
| Auto power off | Selectable: 3 (default), 5, 10, 15, or 30 minutes |
| Color modes | High Color, Natural Color, Low Color, B & W, Sepia |
| Sharpness | High, Normal, Low |
| Contrast | High, Normal, Low |
| Date stamp | None, YYYY/MM/DD, MM/DD/YYYY, DD/MM/YYYY |
| Tripod mount | 1/4 inch metal |
| Operating temperature | 32–104° F (0-40° C) |
| Size | 4.5 in. x 3.8 in. x 3.6 in. (115.8 mm x 97.0 mm x 91.2 mm) @ Wide zoom state |
| Weight | 18.1 oz (513 g) without battery or card |

# Storage capacities

Actual storage capacity varies depending on subject composition, card brand, and other factors. You may be able to store more or fewer picture and videos. Favorites takes up additional space in internal memory.

## Picture storage capacity—JPEG standard compression

| | Number of JPEG pictures | | | | |
|---|---|---|---|---|---|
| | 8.0 MP | 7.1 MP (3:2) | 5.0 MP | 3.1 MP | 0.8 MP |
| **32 MB internal memory** | 10 | 11 | 17 | 26 | 92 |
| **32 MB SD/MMC** | 9 | 11 | 15 | 24 | 86 |
| **64 MB SD/MMC** | 20 | 22 | 32 | 50 | 177 |
| **128 MB SD/MMC** | 40 | 46 | 65 | 101 | 357 |
| **256 MB SD/MMC** | 82 | 92 | 132 | 203 | 718 |
| **512 MB SD/MMC** | 165 | 185 | 265 | 408 | 1440 |

## Picture storage capacity—JPEG basic compression

| | Number of JPEG pictures | | | | |
|---|---|---|---|---|---|
| | 8.0 MP | 7.1 MP (3:2) | 5.0 MP | 3.1 MP | 0.8 MP |
| **32 MB internal memory** | 16 | 18 | 26 | 40 | 134 |
| **32 MB SD/MMC** | 15 | 17 | 24 | 37 | 125 |
| **64 MB SD/MMC** | 31 | 35 | 50 | 77 | 257 |
| **128 MB SD/MMC** | 64 | 72 | 102 | 156 | 518 |
| **256 MB SD/MMC** | 129 | 144 | 206 | 314 | 1042 |
| **512 MB SD/MMC** | 259 | 290 | 413 | 630 | 2090 |

## Picture storage capacity—JPEG fine compression

| | Number of JPEG pictures | | | | |
|---|---|---|---|---|---|
| | 8.0 MP | 7.1 MP (3:2) | 5.0 MP | 3.1 MP | 0.8 MP |
| **32 MB internal memory** | 6 | 6 | 9 | 15 | 56 |
| **32 MB SD/MMC** | 5 | 6 | 9 | 14 | 52 |
| **64 MB SD/MMC** | 11 | 13 | 18 | 28 | 107 |
| **128 MB SD/MMC** | 23 | 26 | 37 | 58 | 217 |
| **256 MB SD/MMC** | 46 | 52 | 75 | 117 | 436 |
| **512 MB SD/MMC** | 94 | 105 | 152 | 235 | 874 |

## Picture storage capacity—RAW & TIFF

| Quality mode | Resolution | Compression ratio | Estimated file size (KB) | Number of pictures | |
|---|---|---|---|---|---|
| | | | | Internal 32 MB | SD card 32 MB |
| **8.0 MP** | 3264 x 2448 | RAW | 13962 | 2 | 2 |
| | | TIFF | 23464 | 1 | 1 |
| **7.1 MP (3:2)** | 3264 x 2176 | TIFF | 20862 | 1 | 1 |
| **5.0 MP** | 2560 x 1920 | TIFF | 14454 | 2 | 2 |
| **3.1 MP** | 2048 x 1536 | TIFF | 9270 | 3 | 3 |
| **0.8 MP** | 1024 x 768 | TIFF | 2358 | 13 | 12 |

## Video storage capacity

| | Minutes/seconds of video | |
|---|---|---|
| | VGA (640 x 480) | QVGA (320 x 240) |
| **32 MB internal memory** | 34 sec. | 56 sec. |
| **32 MB SD or MMC** | 32 sec. | 52 sec. |
| **64 MB SD or MMC** | 1 min. 7 sec. | 1 min. 46 sec. |
| **128 MB SD or MMC** | 2 min. 15 sec. | 3 min. 35 sec. |
| **256 MB SD or MMC** | 4 min. 31 sec. | 7 min. 12 sec. |
| **512 MB SD or MMC** | 9 min. 5 sec. | 14 min. 28 sec. |

# Power-saving features

| If no action for | The camera | To turn it back on |
|---|---|---|
| 15, 30 seconds; 1, 2 minutes | EVF/LCD screen turns off. | Press any button. |
| 3, 5, 10, 15 or 30 minutes | Turns off. | Turn camera Off/On. |

NOTE: See EVF/LCD Stand-By and Auto Power-Off in Setup on page 52.

# Accessories

| Item | Description | Where to buy |
|---|---|---|
| Kodak lens adapter | Lets you add 55 mm screw-on lens. | www.kodak.com/go/p880accessories |
| Kodak P20 zoom flash | Provides specialized lighting. It mounts to the camera hot shoe. | |
| Kodak 5-volt AC adapter | Easy way to extend battery life. Plug your camera in while downloading or viewing your pictures. | |
| Schneider-Kreuznach Xenar 1.4X telephoto lens, 55 mm | Bring the action closer to you with the 1.4X high-quality telephoto lens. | |
| Kodak performance series digital camera case | Stylish, but rugged, for Kodak EasyShare series digital cameras. | |
| Kodak Li-Ion rechargeable digital camera battery — KLIC-5001 | Delivers outstanding capacity and charges up to 300 times in 3 hours or less. | |
| Kodak Li-Ion rapid battery charger kit | Includes six worldwide plugs ranging from 110–240 volts. Batteries sold separately. | |
| Check our Web site for the entire listing (batteries & chargers, memory cards, tripods, camera bags, travel kits, cartridge & photo paper kit, camera docks, printer docks, lenses, etc.) | | |

NOTE: The Kodak P880 camera also has a 52 mm threaded lens for use with 52 mm threaded filters.

# Important safety instructions

## Using this product

- Read and follow these instructions before using Kodak products. Always follow basic safety procedures.
- Use only a USB-certified computer. Contact your computer manufacturer if you have questions.
- The use of an accessory attachment that is not recommended by Kodak, such as an AC adapter, may cause fire, electric shock, or injury.
- If using this product in an airplane, observe all instructions of the airline.

**CAUTION:**

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

## Battery safety and handling

**CAUTION:**

*When removing batteries, allow them to cool first; batteries may be hot.*

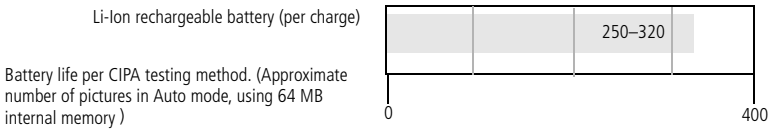
- Read and follow all warnings and instructions supplied by the battery manufacturer.
- Use only batteries that are approved for this product to avoid risk of explosion.
- Keep batteries out of the reach of children.
- Do not allow batteries to touch metal objects, including coins. Otherwise, a battery 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 battery when the product is stored for an extended period of time. In the unlikely event that battery fluid leaks inside the product, contact your local Kodak Customer Service representative.
- 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 Service representative.
- Dispose of batteries according to local and national regulations.
- Do not charge non-rechargeable batteries.

For more information on batteries, see
www.kodak.com/global/en/service/batteries/batteryUsage.jhtml

# Battery information

## Kodak battery replacement types/battery life

Actual battery life may vary based on usage.




We recommend using only a Kodak Li-Ion rechargeable digital camera battery KLIC-5001. Not all manufacturers' 3.7V Li-Ion rechargeable batteries are compatible with the camera. Damage caused by unauthorized accessories is not covered under warranty.

Optional battery: You can use a Kodak Li-Ion rechargeable digital camera battery, KLIC-5000, but it is a lower power battery. Expect approximately 30% fewer pictures per full charge than with the KLIC-5001 (or equivalent) battery included with your camera.

## Extending battery life

- Limit the following activities that quickly deplete battery power:
  - Reviewing your pictures on the camera screen (see page 12)
  - Using the camera screen, instead of the EVF, as a viewfinder.
  - Excessive use of the flash (see page 37) and Continuous AF (see page 49).
- 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.

Visit www.kodak.com/go/p880accessories for:

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

**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 Li-Ion rechargeable battery.

**Kodak 5-volt AC adapter—**powers your camera.

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

# Upgrading your software and firmware

Download the latest versions of the software included on the Kodak EasyShare software CD and the camera firmware (the software that runs on the camera). See www.kodak.com/go/p880downloads.

# Additional care and maintenance

- If the camera has been subjected to inclement weather or you suspect water has gotten inside the camera, turn off the camera and remove the batteries and card. Allow all components to air-dry for at least 24 hours before using the camera again.
- Blow gently on the lens or camera screen 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 or the Kodak Web site at www.kodak.com/go/p880support.

# Warranty

## Limited warranty

Kodak warrants Kodak digital cameras and accessories (excluding batteries) to be free from malfunctions and defects in both materials and workmanship for one year from the date of purchase.

Retain the original dated sales receipt. Proof of the date of purchase will be required with any request for warranty repair.

## Limited warranty coverage

**This limited warranty will be honored only within the geographical location that Kodak digital cameras and accessories were purchased.**

Kodak will REPAIR or REPLACE Kodak digital cameras and accessories if they fail to function properly during the warranty period, subject to any conditions and/or limitations stated herein. Such repair service will include all labor as well as any necessary adjustments and/or replacement parts. Such repair or replacement is the sole remedy under this warranty.

If replacement parts are used in making repairs, these parts may be remanufactured, or may contain remanufactured materials. If it is necessary to replace the entire product, it may be replaced with a remanufactured product.

## Limitations

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

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

THIS WARRANTY DOES NOT APPLY WHEN FAILURE IS DUE TO SHIPPING DAMAGE,

ACCIDENT, ALTERATION, MODIFICATION, UNAUTHORIZED SERVICE, MISUSE, ABUSE, USE WITH INCOMPATIBLE ACCESSORIES OR ATTACHMENTS, FAILURE TO FOLLOW KODAK'S OPERATION, MAINTENANCE OR REPACKING INSTRUCTIONS, FAILURE TO USE ITEMS SUPPLIED BY KODAK (SUCH AS ADAPTERS AND CABLES), OR CLAIMS MADE AFTER THE DURATION OF THIS WARRANTY.

Kodak makes no other express or implied warranty for this product. In the event that the exclusion of any implied warranty is ineffective under the law, the duration of the implied warranty will be one year from the purchase date.

The option of replacement is Kodak's only obligation. Kodak will not be responsible for any special, consequential or incidental damages resulting from the sale, purchase, or use of this product, regardless of the cause. Liability for any special, consequential or incidental damages (including but not limited to loss of revenue or profit, downtime costs, loss of the use of the equipment, cost of substitute equipment, facilities or services, or claims of your customers for such damages resulting from the purchase, use or failure of the product), regardless of cause or for breach of any written or implied warranty is expressly disclaimed and excluded here from.

## Your rights

Some states or jurisdictions do not allow exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states or jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

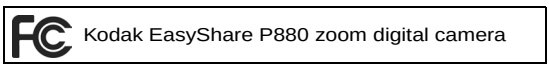
This warranty gives you specific rights, and you may have other rights which vary from state to state or by jurisdiction.

## Outside the United States and Canada

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

# Regulatory compliance

## FCC compliance and advisory




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.

## Australian C-Tick

N137

## Waste Electrical and Electronic Equipment labeling

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

## Korea Class B ITE

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

English translation:

As this equipment has obtained EMC registration for household use, it can be used in any area including residential areas.

## VCCI Class B ITE

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

English translation:

This is a Class B product based on the standard of the Voluntary Control Council for Interference from Information Technology Equipment (VCCI). If this is used near a radio or television receiver in a domestic environment, it may cause radio interference. Install and use the equipment according to the instruction manual.

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