DC X835 Digital Camera
User Manual

Welcome

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Taking care of your camera

- The camera operating temperature is between 0 and 40 degrees Celsius. It is normal for the operating time to be shortened when the temperature is low.
- Do not use or store your camera in the environments listed below:
  - Direct sunlight
  - High and dusty places
  - Next to an air conditioner, electric heater or other heat sources
  - In a closed car that is in direct sunlight
  - Unstable locations
- If your camera becomes wet, wipe it with a dry cloth as soon as possible.
- Salt or seawater may cause severe camera damage.
- Do not use solvents, such as alcohol, to clean your camera.
- If the lens is dirty, use a lens brush or soft cloth to clean the lens. Do not touch the lens with your fingers.
- To prevent electric shock, do not attempt to disassemble or repair your camera by yourself.
- Water may cause a fire or electric shock. Therefore, store your camera in a dry place.
- Do not use your camera outdoors when it is raining or snowing.
- Do not use your camera in or near water.
- If a foreign substance or water gets in your camera, please turn the power off immediately and disconnect the batteries and the power adapter. Remove the foreign substance or water, and send it to the maintenance center.
- Transfer the data to the computer as soon as possible to avoid losing your images and/or video clips.

Disposal of Waste Electrical and Electronic Equipment by users in private households in the European Union.



This symbol on the product or on the packaging indicates that this can not be disposed of as household waste. You must dispose of your waste equipment by handing it over to the applicable take-back scheme for the recycling of electrical and electronic equipment. For more information about recycling of this equipment, please contact your city office, the shop where you purchased the equipment or your household waste disposal service. The recycling of materials will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and environment.

CE Regulatory Notice

Hereby, BenQ Corp. declares under our responsibility that the product is in conformity with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating, Electromagnetic Compatibility Directives (89/336/EEC, 92/31/EEC) and Low Voltage Directive (73/23/EEC).

A “Declaration of Conformity” in accordance with the above Directives has been made and is available from BenQ Corp. upon request.

FCC Statement

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 and 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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

English

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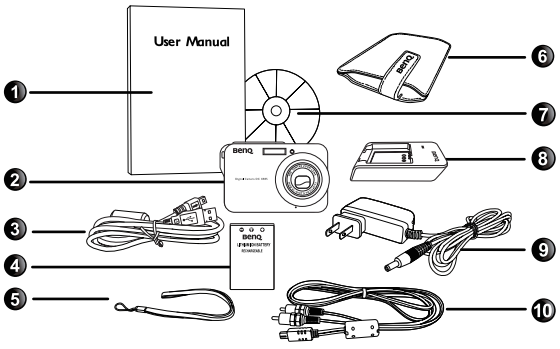
Touring the camera

Checking the package contents

Carefully unpack your kit box and ensure that you have the following items.

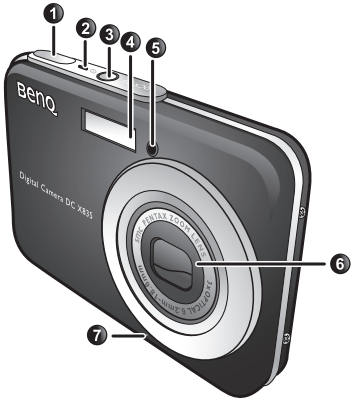


1. User Manual
2. Digital camera
3. USB cable
4. Battery
5. Hand strap
6. Leather case
7. Software CD
8. Battery charger
9. AC power adapter
10. AV cable

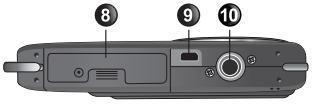
- Available accessories may vary depending on sales region.
- If any items are missing or damaged, contact your dealer.
- Save the packaging for future shipment or storage.

Camera components

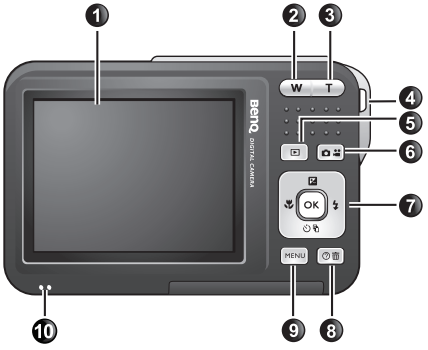
Front view and bottom view



1. Shutter button
2. Status LED indicator
3. Power button
4. Flash
5. Self-timer LED indicator
6. Lens and lens cover
7. Microphone
8. Battery/SD card cover
9. USB port
10. Tripod mount



Rear view



1. LCD display
2. W (Wide) [W]: Zoom-out or thumbnail view (playback)
3. T (Tele) [T]: Zoom-in
4. Strap eyelet
5. Play button [▶]
6. Capture mode (toggling between still image capturing and movie recording)
7. Multifunctional buttons (including a 4-way control and an [OK] button)
8. On-screen instructions (when selecting a scene mode) or delete photos (playback mode)
9. MENU button [MENU] or return to the previous menu
10. Speaker

- It is normal for the camera to become warm during operation, because metal camera casing can conduct heat.
- The LCD display on this camera is manufactured with sophisticated technology, and more than 99.99% of the pixels on the LCD display meet standard specifications. Yet, it is possible that less than 0.01% of the pixels on the LCD display may have some light spots or show unusual colors. This is normal and does not indicate display malfunction, nor will this affect the pictures you take with the camera.

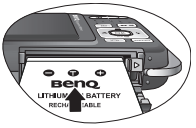
Preparing the camera for use

Use only the specified battery for the camera, and always turn off the camera before inserting or removing the battery.

A



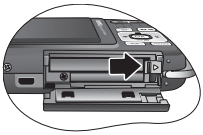
B



To install the battery:

1. Open the battery/SD card cover (A).
2. Insert the battery in the correct direction (B).
3. Push the battery all the way down, until the battery lock lever clicks into place (C).
4. Close the battery/SD card cover (D).

C



D

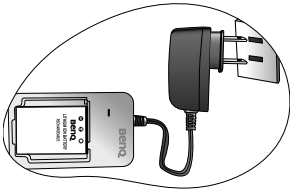


To remove the battery:

1. Open the battery/SD card cover.
2. Press and hold the battery.
3. Release the battery lock lever.
4. When the battery has come out a little, gently pull it out the rest of the way.
5. Close the battery/SD card cover.

Charging the battery

The battery charge status affects the camera performance. To maximize the performance and the battery life, fully charge the battery using the specified charger and AC power adapter, and then fully discharge it through normal use at least once.



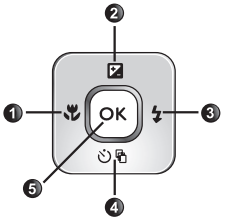
To charge the battery:

1. Insert the battery into the battery charger.
2. Connect one end of the AC power adapter to the battery charger.
3. Connect the other end of the AC power adapter to a wall outlet.
4. When the battery is being charged, the charger LED indicator lights up in red. When the battery is fully charged, it turns into green.

- Damage caused by the use of an incorrect battery charger set is not covered under the warranty.
- The battery may be warm after being charged or used. This is normal and not a malfunction.
- When using the camera in a cold environment, keep the camera and its battery warm by holding it inside your jacket or another warm protective environment.

Using multifunctional buttons

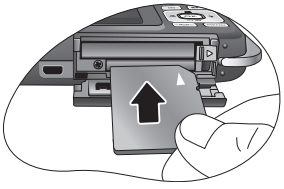
You can choose camera settings by pressing the 4-way control or the OK button.



1. **Left/Focus**:
   - Scrolls left in menus.
   - Selects a focus mode.
2. **Up/EV**:
   - Scrolls up in menus.
   - Sets EV (use and to select an exposure value).
3. **Right/Flash**:
   - Scrolls right in menus.
   - Selects a flash mode.
4. **Down/Drive**:
   - Scrolls down in menus.
   - Selects a drive mode (Standard/Self-timer/Continuous Shoot/Interval Shoot/.
5. OK: Confirms a chosen setting.

Using an SD card

The camera comes with internal memory for storing captured images, video clips, or audio files. You can also add an SD (Secure Digital) card to store more files.



To install an SD card:

1. Make sure the camera is turned off.
2. Open the battery/SD card cover.
3. Insert an SD card in the correct direction.
4. Close the battery/SD card cover.

To remove an SD card:

1. Make sure the camera is turned off.
2. Open the battery/SD card cover.
3. Press lightly the edge of the SD card to eject.
4. Close the battery/SD card cover.

☞ Before initial use of an SD card, press MENU > > **Manage Memory** > > OK to format the card first. Remember to slide the write-protect tab (on the side of the SD card) to the unlock position. Otherwise, all data (if any) on the SD card is protected and the card cannot be formatted.

Setting language

Selects the language version shown on the screen.

To select a language:

1. Press MENU > > **Language**.
2. Press OK or ϟ > or to locate the language you want.
3. Press OK.

Setting date and time

When first time using the camera or the battery has been removed from the camera for a long time, you need to set the date and time. They are used to record when a file was captured.

To set date and time:

1. Press MENU > .
2. Press or to locate **Date/Time**, and then press OK or ϟ.
3. Press or to select date and time. Press or ϟ to move to another column as needed.
4. Press OK.

Operating the camera

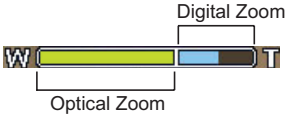
The procedure below is a general guideline for basic operation. It is particularly useful if you are new to the camera.

1. Press ⏻.
2. Press MENU > ☀, ⏱, ✋, or ϟ to locate a desired options (under three different tabs: ★, 📷 and ✂), and then press OK or ϟ to make selections.

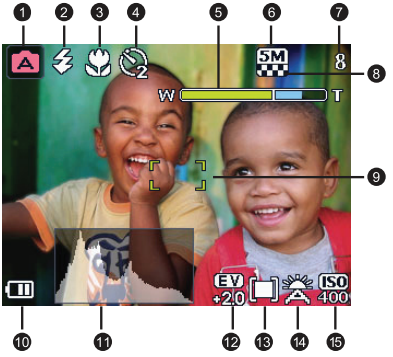
☞ Remember to follow the on-screen display and instructions (wherever available) or press ⓘ for more information. Next, press corresponding buttons to access and set more options. At any time, you can cancel the current operation by pressing MENU to return to your previous step.

3. Press T to zoom-in or W to zoom-out. (In the **Movie Record** mode, you can still adjust the optical zoom before recording.)
4. Press the shutter halfway to set automatic focus. Once the focus is set, the focus frame color will turn from white (unfocused) to yellow-green (focused).
5. Press the shutter down fully to capture.
6. Release the shutter.
7. In the **Movie Record** mode, press the shutter to stop video recording.
8. Press ▶ to view captured images or recorded videos, and then press ✋, or ϟ to move to different images/videos. You can also press T or W to zoom-in/out a captured images, or press W to view 9 images on the screen.

☞
- During zoom-in/out, there is a separator in the zoom bar between T and W. For best image quality, it is recommended to use optical zoom only by keeping the magnification within W and the separator.
- Flash is automatically turned off in the Movie Record mode.
- The Movie Record mode records both sound and video. The recording time is continuous, but recording will stop once the SD card space is full.
- Anytime in the playback mode, you can press 📷 to switch to the capture mode.
- At any time, you can press ⏻ to turn off the camera.
- In capture or playback mode, press OK to decide what information to show on the screen.



Capture mode



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9	AF area	11
10	Battery status	12
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12	Exposure value (EV)	12
13	AE metering	12
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- In the capture mode, press OK to toggle among 4 display modes (standard, complete, none, and rule of thirds). Use the rule of thirds display mode to improve your composition by placing subjects on at least one of the intersections of these 4 imaginary lines.
- While the shutter is pressed halfway, the shutter speed and the aperture are also shown on the screen (not available in the Movie Record mode).

Scene mode

Select one of the following scene modes to fit your shooting condition.

Icon	Mode	Description
	Auto	Lets the camera automatically decide most settings, so you can capture images with ease.
	Manual	Lets you decide all available shooting parameters.
	Movie Record	Captures videos with sound. When viewing the captured video file later, the  icon shows indicating that this is a video file.
	S.S.F. (Super Shake-Free)	Reduces blur caused by camera vibration, and thus improves image quality and clearness. ISO value is also automatically adjusted (maximum ISO value = 2000) based on the ambient brightness.
	Portrait	Makes the subject (usually a person) stand out with a brighter look.
	Landscape	Used when taking pictures of natural scenery.
	Sports	Captures a fast-moving subject.
	Backlight	Compensates for exposure in a strong backlit environment. Flash is always on.
	Night Scene	Used when taking a picture in the evening, night, or a low-light environment.
	Beach	Used under a very bright light environment such as beaches.
	Snow	Used under a very bright light environment such as snow scenes.
	Fireworks	Used when taking a picture of exploding fireworks.
	Night Scene Portrait	Keeps both the subject and the night scene clearly.
	Self-Portrait	Helps take a picture of yourself (and other subjects if available).
	Building	Line contrasts of a building are highlighted.
	Soft Flowing Water	Captures the moments of motion blur on water.

	Landscape Portrait	Makes the subject (usually a person) stand out while the background is blurred slightly.
	Web Auction	Optimizes image file size for use on the Internet.
	High ISO Portrait	Takes a clear picture In a low-light environment. Flash is always off.
	Food	Captures food by enhancing color brightness and giving more vivid colors.
	Museum	Used when taking a picture of subjects in a place where flash is usually prohibited. Flash is always off.
	Candle Light	Makes a picture look warm, and thus captures the mood under candle light source. Flash is always off.
	Party	Captures the party atmosphere usually under indoor light source.
	Text	Takes a picture of clear text by reducing image distortion usually found on paper, magazines, or books.
	Child	Retains enough colors and skin tones of the subject.
	Sunset	Captures the warmth and atmosphere of sunset.
	Flower	Captures brightly colored flowers by enhancing their soft outlines.
	Pet	Takes a clear picture of a pet by showing its correct fur color.
	Voice Record	Captures background sound only (no images or videos). When listening to the captured audio file later, the  icon shows indicating that this is an audio file.

☞ For some scene modes like Auto, options ISO, Metering, and White Balance are not available. You must select another mode like Manual to enable these options.

To select a scene mode:

1. Press (MENU) >  .
2. The currently selected scene mode shows. Press ,  , , or  to locate another desired option.

☞ When you are selecting from different scene modes, press  for detailed explanation of each scene mode.

3. Press (OK) > (MENU).

Flash mode

The flash offers an additional light source (usually used in a low-light environment). You can capture an image using one of the following flash modes.

Icon	Mode	Description
	Auto flash	The flash fires automatically based on the photographic conditions.
	Force off	The flash does not fire. Select this mode when flash photography is prohibited, or when the distance to the subject is beyond the effective range of the flash.
	Force on	The flash always fires regardless of the surrounding lighting conditions. Select this mode when capturing images with high contrast (backlighting) and deep shadows.
	Auto anti red-eye	Reduces the red-eye phenomenon when capturing natural-looking images of people and animals in low-light conditions. Be sure to ask the subject to look at the camera lens or get as close to the camera as possible. The flash fires automatically based on the photographic conditions.
	Anti red-eye	Reduces the red-eye phenomenon when capturing natural-looking images of people and animals in low-light conditions. Be sure to ask the subject to look at the camera lens or get as close to the camera as possible. The flash always fires regardless of the surrounding lighting conditions.
	Slow sync	This “Front Curtain Sync” fires the flash immediately at the beginning of exposure with a longer shutter speed, so balanced ambient lighting of the foreground subject and background scene can be reached in a low-light environment.

To select a flash mode:

1. Go to the capture mode.
2. Keep pressing ϟ to toggle among different flash modes and select a desired option.

☞ You can also set the degree of flash luminosity. To do so, press MENU > > **Flash Intensity**, and then select **High**, **Normal**, or **Low**.

Focus mode

Icon	Mode	Description
	Auto focus	Adjusts focus automatically.
	Macro	Used when capturing images at close distance.

	Pan Focus	Used when you want to capture everything (for example, fast-moving objects or subjects in the dark) from near to far in an acceptable focus.
	Infinity	Used when capturing images at long distance.

To select a focus mode:

1. Go to the capture mode.
2. Keep pressing to toggle among different focus modes and select a desired option.

Drive mode

Icon	Mode	Description
	Standard	Takes one picture at a time.
	Self-timer	Automatically takes a picture after 2 or 10 second delay. This mode is useful when you want to be part of the picture.
	Continuous Shoot	Continuously takes pictures as long as you keep pressing the Shutter. The flash is always off in this mode.
	Interval Shoot	Continuously takes pictures based on the time interval and the number of pictures you specify when you press MENU > > **Interval Shoot**. To start Interval Shooting, press the Shutter.

To select a drive mode:

1. Go to the capture mode.
2. Keep pressing to toggle among different drive modes and select a desired option.

Image size

Icon	Description	Icon	Description
8M	8 megapixels (3264 x 2448)	3M	3 megapixels (2048 x 1536)
3:2	3:2 (8 megapixels; 3264 x 2176)	2M	2 megapixels (1600 x 1200)
16:9	16:9 (8 megapixels; 3264 x 1836)	VGA	VGA (640 x 480)
5M	5 megapixels (2592 x 1944)	--	--

To select an image size:

1. Press MENU > > **Resolution**.

2. Press OK or ϟ, and then select an image size.
3. Press OK or ϟ > MENU.

Image quality

Icon	Mode	Description
	Fine	Best image quality with the lowest compression rate. File size is the largest.
	Normal	Better image quality with medium compression rate. File size is medium.
	Economy	Good image quality with the highest compression rate. File size is the smallest.

To select an image quality level:

1. Press MENU >  > **Quality**.
2. Press OK or ϟ, and then select an image quality level.
3. Press OK or ϟ > MENU.

AF area

Icon	Mode	Description
	Focusing area: Center	Focuses on the center area of the objects.
	Focusing area: Wide	Focuses on a wide range of multiple objects.

To select an automatic focus area:

1. Press MENU >  > **AF Area**.
2. Press OK or ϟ, and then select a focusing area.
3. Press OK or ϟ > MENU.

Face Tracking

Focuses on the people in your composition by automatically detecting and tracking human faces.

To use Face Tracking:

1. Press MENU >  > **Face Tracking**.
2. Press OK or ϟ, and then select .
3. Press OK or ϟ > MENU.
4. Point the camera to where the people (your subjects) are located. Focus frames of Face Tracking will automatically detect faces (maximum 9) and show on the LCD screen.

5. Press the shutter to capture the image.

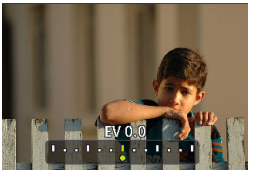
- Due to environmental factors such as lighting, the number of detected faces might be different from that of the actual faces.
- To achieve the best result, ask your subjects not to turn their faces partially away from the lens.

Battery status

Icon	Description
	Battery power remains adequate.
	Battery power is low.
	Battery power is very low. You should replace the battery ASAP.

Setting EV

EV (exposure value) lightens or darkens the entire image. Adjust EV when the brightness between the subject and the background is not balanced, or when the subject occupies only a small part of the picture.



To select an EV:

1. Press .
2. Press or to select an EV from the EV bar, and then press OK.

AE metering

Icon	Mode	Description
	Automatic Exposure metering: Matrix	Detects the exposure based on multiple points in the subject area.
	Automatic Exposure metering: Center Weight	Detects the exposure of the entire shooting screen, but gives more importance to the values near center.
	Automatic Exposure metering: Spot	Detects the exposure based on the center spot in the subject area.

To select an AE metering option:

1. Press MENU > > **Metering**.
2. Press OK or , and then select an AE metering option.
3. Press OK or > MENU.

White balance

Compensates for color temperatures in different lighting conditions, so white and other colors can display properly when you capture images.

Icon	Mode	Description
	Auto	Adjusts white balance automatically.
	Daylight	Used in bright daylight conditions.
	Cloudy	Used in twilight or shady conditions.
	Tungsten	Used when subjects lit by tungsten (incandescent) lighting.
	Fluorescent	Used when subjects lit by fluorescent lighting.
	Manual	Used when you want to manually adjust white balance in a particular lighting condition.

To select white balance:

1. Press MENU >  > **White Balance**.
2. Press OK or ϟ, and select a white balance option. (When selecting the manual mode, you must first point the adjustment frame shown on the screen at a blank sheet of white paper or something similar, and press the Shutter for the camera to detect proper colors.)
3. Press OK or ϟ > MENU.

ISO sensitivity

ISO configures the camera's sensitivity to light. The higher the ISO value, the brighter picture you can take in a low-light environment. Yet, you may see more noise in the picture as you increase the ISO value.

Icon	Description
	Automatically sets the ISO value.
	Equivalent to color ISO 100/200 film. Used for outdoor photography in bright sunlight.
	Equivalent to color ISO 400/800/1600 film. Used it in a low-light environment or where the flash light is not allowed.

To select an ISO value:

1. Press MENU >  > **ISO**.
2. Press OK or ϟ, and then select an ISO value.
3. Press OK or ϟ > MENU.

Effect

Adds color filter effects to the image or video you want to capture.

Icon	Mode	Description
	Normal	No effects are added.
	Vivid	Adds an effect with very clear and bright color tones.
	Sepia	Adds an effect with dark reddish brown color tones, so the image or video looks as if it is old.
	Black and White (B/W)	Adds an effect with monochromatic color tones.

To select an effect:

1. Press MENU >  > **Effect**.
2. Press OK or ↯, and select an effect option.
3. Press OK or ↯ > MENU.

Date Stamp

Imprints the date when a picture was taken on the picture itself.

To set the date stamp:

1. Press MENU >  > **Date Stamp**.
2. Press OK or ↯, and then select  or  .
3. Press OK or ↯ > MENU.

Setting sharpness, saturation and contrast

Adjusts how colors appear in the pictures by setting sharpness, saturation, and contrast.

To set sharpness, saturation, or contrast:

1. Press MENU >  , and then select **Sharpness**, **Saturation** or **Contrast**.
2. Press OK or ↯, and then select **High**, **Normal**, or **Low**.
3. Press OK or ↯ > MENU.

Movie Record mode settings

Icon	Description	Icon	Description
	Video Format: VGA (640 x 480), 16: 9 (640 x 360), QVGA (320 x 240), or CIF (160 x 128)		Stabilizer: It is similar to S.S.F., but it can be only used in the Movie Record mode. (maximum ISO value = 6400)

30 15	Frame Rate: 30/15 fps (frames per second)		Timer Record Setup: Records videos at the time and the duration you set. After setup, follow the procedure below to activate Timer Record.

To select a Movie Record option:

1. Press [camera] and make sure you can see the icon [movie] on the screen.
2. Press MENU > [movie] , and then select an option.
3. Press OK or ϟ to select a setting.
4. Press OK or ϟ > MENU.

To activate Timer Record:

1. Once you set the time and the duration for Timer Record, press OK > MENU to return to the Movie Record mode.
2. Press [timer]. You can see [timer] and the text (Timer Recording) on the screen.
3. Press the shutter halfway to set automatic focus.
4. Press the shutter down fully. The text (Timer Recording) shows again.
5. [timer] shows to indicate that you have activated Timer Record. Make sure the battery power is adequate and do not turn off the camera. So, you can keep Timer Record activated until it completes recording the video based on the Timer Record settings you made.

Other settings

Press MENU > [wrench] , and then select an option.

Mode	Description
Manage Memory	• Copies files from the internal memory to the SD card. • Formats the internal memory or the SD card.
Instant Review	Sets how long you want to review the image you just captured.
Digital Zoom	• Wise Zoom: Reduces the image size, and thus increases the effective zoom length without sacrificing image quality. • Digital Zoom: Turns on the digital zoom feature. • Off: Turns off the digital zoom feature.
System Sound	Turns on/off the volume for operation.
Volume	Adjusts the volume for playback.
LCD Brightness	Sets the degree of brightness for the screen.
Power Saving	Sets the idle time before the camera automatically enters the standby mode to save battery power.
Power Off	Sets the idle time before the camera automatically turns off.
Date/Time	Sets date and time.
Date Format	Sets the date format.
TV Format	Sets the video format (such as NTSC or PAL) when connecting to an AV system like TV.
Reset	Returns all settings to the factory default values.
Language	Sets the displayed language on the screen.
Version	Shows the currently installed firmware version number.

Playback mode

Press ▶ to enter the playback mode.



☞ • When the camera is off, pressing ⏻ while holding ▶ will enter the playback mode.
• In the capture mode, press ▶ to enter the playback mode.
• In the playback mode, press 📷 or the Shutter to switch to the capture mode.

Item	Description	Page reference
1	Indicates that the camera is in the playback mode.	--
2	Indicates that the file is protected and cannot be deleted.	17
3	Indicates this file has a voice memo or the file is an audio file.	19
4	Displays the following information and controls: • the shooting conditions such as scene mode and image size. • Lets you rotate or add voice memo. • Shows whether it is a video file and the play button. ☞ You can press OK to toggle among different information and controls.	--
5	Date and time when the file was created.	--
6	File number	--
7	Histogram	--
8	File name, file size, shutter speed, and F. No.	--

Options for playback and editing

When the camera is in the playback mode, press ✿, or ϟ to move to different files. You can also select any of the following options.

Enlarging an image

Magnifies an image, so more details can be seen.

To enlarge an image:

1. Press ▶.
2. Press ✿, or ϟ to move to the image you want to enlarge.
3. Press T to zoom-in or W to zoom-out.
4. Press ✿, ✿, ✿, or ϟ to move to the area you want to see.
5. Press MENU to return to the normal viewing size.

Viewing multiple files at a time

Shows up to 9 files at a time on the screen.

To view multiple files:

1. Press ▶ > W.
2. Maximum 9 files (shown in thumbnails) are displayed on the screen. Press ✿, ✿, ✿, or ϟ to select a file, and then press OK or MENU to view it in its normal viewing size.

Protecting

Prevents selected files from accidental removal.

To protect files:

1. Press ▶ > MENU > ▶ > **Protect** > OK or ϟ.
2. Select whether to protect this selected file, other selected, or all files, and then press OK. You will then see the icon ⚿ indicating the file is protected.

☞ You can remove the protection anytime by following the same procedure as shown above. Note that in Step 2 the on-screen instruction will ask you how you want to remove the protection.

Deleting files

Removes selected or all files.

To delete files:

1. Press ▶ > MENU > ▶ > **Delete** > OK or ϟ.
2. Select whether to delete this selected file, other selected, or all files, and then press OK.

Rotating an image

Changes the orientation of an image.

To rotate an image:

1. Press ▶ > ✋ or ϟ to move to the image you want to rotate.
2. Press ☀.
3. Press ☀ or ⟳ to change the image to a different orientation.
4. Press OK to confirm the change and save the image file.

☞ You can also press MENU > ▶ > **Rotate** > OK or ϟ to rotate an image.

Slideshow

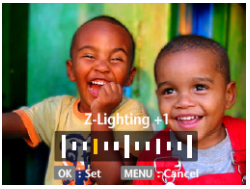
Sets the time interval for presenting a series of captured image and video files (first frame only).

To play a slideshow:

1. Press ▶ > MENU > ▶ > **Slideshow** > OK or ϟ.
2. Press ☀ or ⟳ to select a time interval, and then press OK.
3. The slideshow will automatically play. If you want to pause it at any time, press ⟳. Press ⟳ again to resume playback. To stop the slideshow, press MENU.

Z-Lighting

Enhances the brightness and contrast in the darker areas of a picture to improve overall exposure quality.



To apply Z-Lighting to an image:

1. Press ▶ > ✋ or ϟ to move to the image you want to apply Z-Lighting.
2. Press MENU > ▶ > **Z-Lighting** > OK or ϟ.
3. Press ✋, or ϟ to adjust the Z-Lighting value.
4. Press OK to confirm the change and how to save the image file.

Trimming

Crops part of an image file, reduces the image size, and overwrites the image file or saves it as another new file.

To trim an image:

1. Press ▶ > ✋ or ϟ to move to the image you want to trim.
2. Press MENU > ▶ > **Trim** > OK or ϟ.
3. Press T or W to select the target image size to which you want to reduce.
4. Press ☀, ⟳, ✋, or ϟ to locate the area to trim.
5. Press OK to confirm the change and how to save the image file.

☞ If an image was rotated before, it will revert to its original orientation before you can trim it.

Resizing

Changes an image file to a smaller size, and overwrites the image file or saves it as another new file.

To resize an image:

1. Press ▶ > 🌷 or ⚡ to move to the image you want to resize.
2. Press MENU > ▶ > **Resize** > OK or ⚡.
3. Press ⊠ or ⏲🗑 to select the target image size to which you want to reduce.
4. Press OK to confirm the change and how to save the image file.

Voice memo

Inserts a voice annotation to an image file.

To add a voice memo:

1. Press ▶ > 🌷 or ⚡ to move to the image you want to add a voice memo.
2. Press ⏲🗑 > OK to start recording your voice.
3. Press OK to stop recording.

☞ You can also press MENU > ▶ > **Voice Memo** > OK or ⚡ to add a voice memo.

Then you can press ⏲🗑 to play the voice memo.

Startup screen

Sets the welcome image when the camera is powering on.

To select a startup image:

1. Press MENU > ▶ > **Startup Image** > OK or ⚡.
2. Press ⊠ or ⏲🗑 to select an image.
3. Press OK.

Working with computer and AV system

Bundled software

The camera offers the following programs on a CD.

ArcSoft PhotoImpression 5	Combines photo editing with creative enhancement and sharing tools that maximize your digital media experience.
ArcSoft VideoImpression 2	Creates multimedia presentations by combining photos and video clips with audio, text and scene transitions.

To install these programs, see the information supplied with the CD.

Connecting the camera to a computer



You can connect the camera to a PC or notebook to transfer, view, print, or edit files.

To connect the camera to a computer:

1. Connect the end of the smaller plug of the USB cable to the camera.
2. Connect the other end of the USB cable to an available USB port on your computer.
3. Turn on the camera.
4. A **Removable Disk** icon appears in **My Computer**. Click this icon to access the files in your camera.

☞
- When connecting the camera to a computer, it is necessary to install a battery into the camera.
- When connecting the camera to a computer, please use the original accessory of the USB cable to avoid possible system conflicts and damage to the camera.

Connecting the camera to an AV system

You can play files in your camera from an AV system such as TV or projector.

To connect the camera to an AV system:

1. Connect the end of the smaller plug of the AV cable to the camera.
2. Connect the yellow video plug and the white audio plug of the AV cable to a video-input jack and an audio-input jack (left channel) on your AV system.
3. Turn on the AV system, and then switch to the AV source connecting to the camera.
4. Turn on the camera.
5. Follow the on-screen instructions to operate the camera via the TV or projector screen.

Printing images

In addition to printing images by connecting the camera to a printer via a computer or bringing the SD card (if available) to a photo-processing center, you can choose to print using PictBridge.

Printing with PictBridge

You can directly print images by connecting your camera to a PictBridge-compatible printer without using a computer.

To print images from a PictBridge-compatible printer:

1. Connect the end of the smaller plug of the USB cable to the camera.
2. Turn on the printer. Wait for a while until it finishes starting up and is ready to print.
3. Turn on the camera.
4. Press ▶ > MENU > **PictBridge** > OK or ϟ.
5. Connect the other end of the USB cable to an available USB port on your printer.
6. Follow the remaining on-screen instructions in your camera and/or printer to complete printing.

☞
- The above procedure may vary depending on the printer type you are using.
- If you connect the camera to your printer while the printer is still starting up, the camera will be automatically turned off.
- Failure to follow the above procedure will make the camera show an error message. Please disconnect the camera and the camera will be automatically turned off.

Troubleshooting and service information

If your camera cannot operate normally, see the frequently encountered problems and solutions listed below. If the problem persists, contact your nearest service center or technical support.

Problem	Cause	Solution
I cannot play back video clips by using Windows Media Player.	The MPEG-4 video compression method is in the XviD format. If the XviD codec is not installed, it might not be able to play back the video clips on your computer.	Make sure you are using Windows Media Player 9.0 or above. Be sure to install the free MPEG-4 codec driver in advance, available from bundle software or XviD web site: http://www.xvidmovies.com.
The camera cannot power up.	There is no battery or the battery is not inserted correctly.	Insert the battery correctly.
	The battery has no power.	Recharge the battery.
The battery power is draining quickly.	The external temperature is extremely low.	--
	Many shots are being captured in dark places, requiring a flash.	--
	The battery was not fully charged, or it has not been used for an extended period of time after being charged.	Fully charge the battery and discharge it for at least one complete cycle before use.
The battery or camera is warm.	The camera or flash was used continuously over a long period of time.	--
The flash does not fire or recharge.	The camera flash is turned off.	Set the flash to Auto Flash.
	The light source is sufficient.	--
Even though the flash fired, the image is dark.	The distance to the subject is greater than the flash's effective range.	Get closer to the subject and shoot.
The image is too bright or too dark.	The exposure is excessive or inadequate.	Reset exposure compensation.
I cannot format a memory card.	The memory card is write-protected.	Remove the write protection.
	End of the memory card life.	Insert a new memory card.

I cannot download images from the camera to my computer.	The free space on the hard disk of your computer is insufficient.	Ensure that the hard disk has enough space for running Windows and that the drive for loading image files has free space equal to or greater than the memory card in the camera.
	There is no power being supplied to the camera.	Recharge the battery.
The camera does not shoot even when pressing the shutter button.	The battery is running low.	Recharge the battery.
	The camera is not in the capture mode.	Switch to the capture mode.
	The shutter button was not pressed all the way down.	Press the shutter button all the way down.
	The internal memory or memory card does not have any free space.	Load a new card or delete unwanted files.
	The flash is recharging.	Wait until the flash mode icon, indicated on the screen, stops flashing.
	The camera does not recognize the memory card.	Format the memory card before the initial use or before using with another camera.
I cannot print images with PictBridge-compliant printers.	The camera is connected to the printer when the camera is powered off.	Turn on the camera, select PictBridge, and then connect to the printer.

Technical support

For technical assistance, free driver updates, product information, and news releases, visit the following web site:

http://www.BenQ.com

Specifications

Image sensor	8 megapixel CCD; size: 1/2.5-inch
LCD display	2.5-inch LTPS LCD; 230K dots
Zoom	Optical: 3X Digital: 4X (preview) / 12X (playback) Wise Zoom: 30X (Optical Zoom + Digital Zoom) when the image size is VGA (640 x 480)
Lens	F2.7 ~ F5.2 Wide: 6.2 mm (135 camera: 37.5 mm) Tele: 18.6 mm (135 camera: 112.5 mm)
Focus range	Normal: 40 cm ~ Infinity Macro: 15 cm ~ 50 cm
Shutter speed	1/2000 ~ 1 sec (Night Scene mode: 8 sec)
Capture mode	29 scene modes: Auto, Manual, Movie Record, S.S.F. (Super Shake-Free), Portrait, Landscape, Sports, Backlight, Night Scene, Beach, Snow, Fireworks, Night Scene Portrait, Self-Portrait, Building, Soft Flowing Water, Landscape Portrait, Web Auction, High ISO Portrait, Food, Museum, Candle Light, Party, Text, Child, Sunset, Flower, Pet, and Voice Record
Flash	Auto flash, Force off, Force on, Auto anti red-eye, Anti red-eye, and Slow sync
Drive mode	Standard, Self-timer (2 or 10 second delay), Continuous Shoot, and Interval Shoot
Exposure compensation	-2 to +2 EV in 1/3 EV steps
ISO	Auto, 100, 200, 400, 800, and 1600 (2000 for S.S.F.; 6400 for movie)
White balance	Auto, Daylight, Cloudy, Tungsten, Fluorescent, and Manual
File format	• Still Image: JPEG (Exif 2.2 compatible) and DCF compatible - 8 megapixels (3264 x 2448), 3:2 (3264 x 2176), 16:9 (3264 x 1836), 5 megapixels (2592 x 1944), 3 megapixels (2048 x 1536), 2 megapixels (1600 x 1200), and VGA (640 x 480) • Video: MPEG-4 AVI - VGA (640 x 480), 16: 9 (640 x 360), QVGA (320 x 240), or CIF (160 x 128), 30/15 fps; continuous recording with sound • Audio: WAV
Storage	Built-in 16 MB (usable) SD/SDHC card compatible
Playback options	Single image, thumbnails, slideshow, and audio/video playback
Interface	Digital output: USB Audio/Video output (NTSC/PAL) PictBridge

Power source	Rechargeable Lithium-ion battery
Working temperature	0 - 40 degrees Celsius
Dimensions (W x H x D)	91 x 59 x 14.7 mm (slimmest 12.5 mm)
Weight	120 g (without battery & SD card)
System requirements	• Pentium III 600 Mhz or higher compatible CPU • 64 MB RAM • Optical disc drive • Windows Me/2000/XP/Vista compatible • 128 MB free hard disk space • Available USB port