BenQ DC T1260 Digital Camera
User Manual

Welcome

Patents

This BenQ digital camera is covered by the following patent:

TW patent I321258

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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 (2004/108/EC) and Low Voltage Directive (2006/95/EC).

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.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Safety warning and notice

Before operating the camera, please make sure that you read and fully understand the content in this section. If you ignore and violate all safety warning notices indicated in this section, the camera warranty may be void. Meanwhile, not only the camera but also you and all other people and things around you may be severely damaged, injured, or even placed in danger of death.

For your safety

- Keep the camera and its accessories out of the reach of babies, toddlers, and children. In particular, small parts such as memory cards and batteries could be easily dismantled and swallowed by them.
- Use only the original accessories to avoid possible risks to health and property, and thus meet all related legal regulations.
- Do not dismantle the camera under any circumstances.
- When using the flash, do not go too close to human eyes (particularly for babies, toddlers, and children) or animal eyes. Otherwise, when the flash fires, the light may cause damage to human eyes or irritate animals.
- Batteries could explode, for instance. All batteries can cause property damage, injury or burns if a conductive material such as jewelry, keys or beaded chains touch exposed terminals. The material may complete an electrical circuit and become quite hot. Exercise care in handling any batteries, particularly when placing it inside your pocket, purse, or other container with metal objects. Do not dispose of batteries in fire as they may explode.
- To prevent electric shock, do not attempt to disassemble or repair your camera by yourself.
- Some camera models accept non-rechargeable batteries. When using these batteries, do not charge them. Otherwise, dangers such as explosion and fire may occur.

Warranty

- Warranty is void if damage or system failure occurred due to outside factors such as collision, fire, flood, dirt, sewage, earthquake, and other force majeure events as well as incorrect usage of electricity or use of non-original accessories.
- It is the sole responsibility of the user if problems (such as data loss and system failure) occurred due to non-factory installed software, parts, and/or non-original accessories.
- Do not change the camera. Any changes to the camera invalidate the warranty.

Taking care of your camera

- Always keep the camera in the accompanying leather case or pouch for better protection against splashes, dust, and collision.
- The only way of replacing the battery and the memory card is to open the battery/card cover.
- Dispose of unwanted batteries and cameras as permitted by the laws in your countries.
- Water may cause a fire or electric shock. Therefore, store your camera in a dry place.
- 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 drop, knock, or shake the camera. A rude behavior of using the camera may damage the internal electronic circuit board, deform the lens shape, or make the lens unretractable.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the camera.
- Finger grease may be left on the camera lens and will result in unclear images or videos. To avoid this problem, be sure to clean the camera lens before taking pictures or recording videos. You should also clean the camera lens on a regular basis.
- If the lens is dirty, use a lens brush or soft cloth to clean the lens.

- Do not touch the lens with your fingers.
- If a foreign substance or water gets in your camera, please turn the power off immediately and disconnect the batteries. Next, remove the foreign substance or water and send it to the maintenance center.
- Whenever there is data in the internal memory or the external memory card, you should make a backup copy to a computer or disc. So, you can have a backup solution if data loss occurs.
- If the lens cannot retract into the camera, please replace the batteries first (usually this is because of drained batteries). Then the lens should retract automatically. If the lens still cannot retract, please contact your dealer.
- Under no circumstances should you push the lens back manually as this may damage the camera.
- All original accessories are designed only for use with this camera model you purchased. Do not use these accessories with other camera models or cameras of other brands to avoid unpredictable danger or damage.
- Before initial use of a memory card, always use the camera to format the card first.
- Remember to slide the write-protect tab (if available) to the unlock position. Otherwise, all data (if any) on the memory card is protected and the card cannot be edited or formatted.

Operating environment
- Do not use or store your camera in the environments listed below:
  - Direct sunlight
  - Dusty places
  - Next to an air conditioner, electric heater or other heat sources
  - In a closed car that is in direct sunlight
  - Unstable locations
- Do not use your camera outdoors when it is raining or snowing.
- Do not use your camera in or near water.
- 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.
- The capacity of your camera batteries will reduce each time it is charged/emptied.
- Storage at too high or low temperatures will also result in a gradual capacity loss. As a result, the operating time of your camera may be considerably reduced.
- It is normal for the camera to become warm during operation, because the camera casing can conduct heat.

Do not hold the camera by excessive force. Plus, be sure to protect the camera from strong impacts.
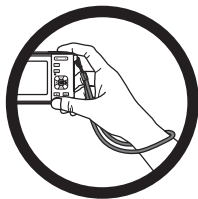
To avoid accidental falling, please attach the hand strap to the camera and always hold the camera by keeping the hand strap around your wrist.
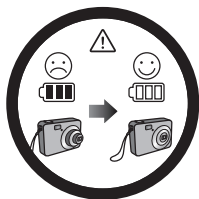
If the battery suddenly depleted and caused the lens fail to retract, please carefully protect the lens to avoid collision and insert a battery with full power ASAP.
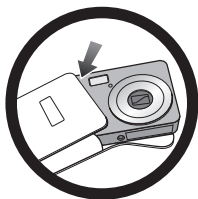
When the camera is not in use, always turn the power off and make sure the lens has retracted successfully before storing the camera in its case. If you do not intend to use the camera for a long time, please remove the battery from the camera and store the battery carefully.

Keep your camera away from sharp objects and avoid collision.

When the camera is not in use, please place it in a steady place. Plus, always keep your camera away from pressure or any other similar environment (for example, in a pant pocket) to avoid possible damage.

Table of Contents

English

Touring the camera

Checking the package contents

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

English

1. Quick Guide
2. Digital camera
3. USB cable
4. Battery
5. Leather case
6. Software & User Manual CD
7. Battery charger
8. AC power adapter
9. AV cable
10. Hand strap and stylus
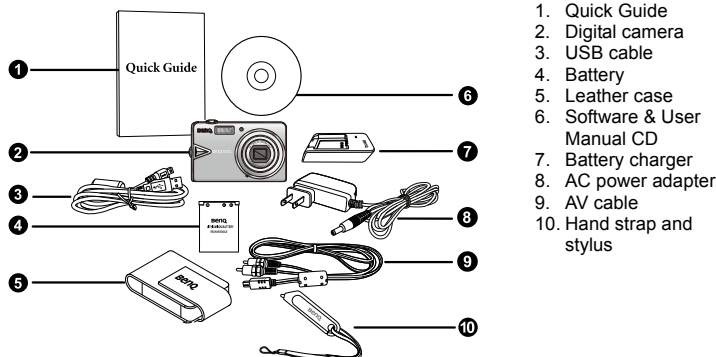
• All pictures, screen captures, and icons used in this manual and the gift box are for illustration only. Actual and available products, accessories, as well as their appearance may vary depending on sales region.
• If any items are missing or damaged, contact your dealer.
• It is recommended to save the packaging in case you need to ship the camera for service in the future.

Camera components

Front and bottom views
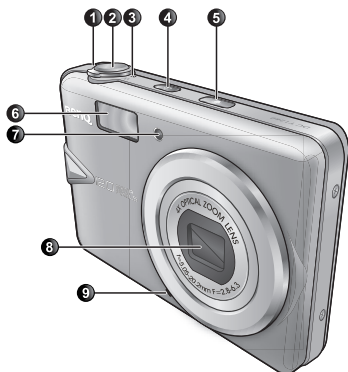
1. T (Tele): Zoom-in / Shooting mode description on or off
2. Shutter button
3. W (Wide): Zoom-out (capture) / thumbnail or calendar view (playback)
4. Power button
5. S.S.F. (Super Shake-Free) button
6. Flash
7. AF Assist Lamp / Self-timer LED indicator
8. Lens and lens cover
9. Microphone
10. Speaker
11. Tripod mount
12. USB / AV port
13. Battery/card cover
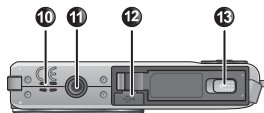
Rear view
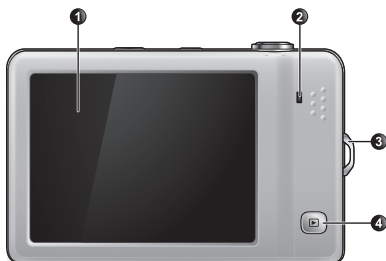
1. Touch screen (LCD display)
2. Status LED
3. Strap eyelet
4. Play button (toggling between capture and playback modes)

- 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 removing the battery.

English

A

To install the battery:

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

B

C
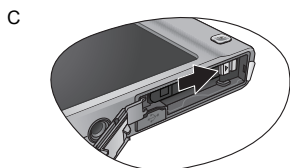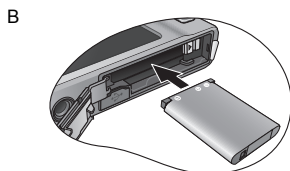
To remove the battery:

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

D

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 adapter, and then fully discharge it through normal use at least once.

To charge the battery:

1. Insert the battery into the charger.
2. Connect one end of the adapter to the charger.
3. Connect the other end of the 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.

English

☞ • Damage caused by the use of an incorrect 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.
  • Remove the battery from the camera if you do not intend to use the camera for a long time.

Using touch screen and buttons

You can use the stylus or your finger (may leave fingerprints on the screen) to select options available from the touch screen. Some operations must work with buttons (such as Play

▶). This user manual uses "tap", "circle", or "swipe" when referring to touch screen actions and "press" when referring to button actions.

Using an SD card

The camera comes with internal memory for storing captured images, video clips, or audio files. You can also use an SD (Secure Digital) card to store more files.
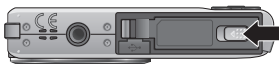
To install an SD card:
1. Make sure the camera is turned off.
2. Open the battery/card cover.
3. Insert an SD card in the correct direction.
4. Close the battery/card cover.
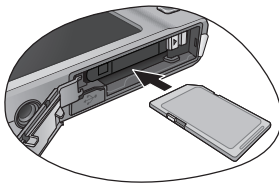
To remove an SD card:
1. Make sure the camera is turned off.
2. Open the battery/card cover.
3. Lightly press the edge of the SD card to eject.
4. Close the battery/card cover.

☞ • Before initial use of an SD card, tap 〔MENU〕 > 〔⚙〕 > **Manage Memory** > **Format** 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.

Initial setting

You will be prompted to set up the language and the date and time when the camera is turned on for the first time.

To set up language, date, and time for the first time:

1. Press ⏻.

2. Tap a language to select it. (Tap ▲ / ▼ to find more languages as needed.)

3. Tap OK.

Language / 語言 / 语言
English	Francais
Español	Deutsch
Italiano	Portugues Br

▲ ▼ 1/3 OK

4. Tap the **Year** column and tap ▲ / ▼ to select the correct year.

5. Tap the **Month** column and tap ▲ / ▼ to select the correct month.

6. Tap the **Day** column and tap ▲ / ▼ to select the correct day.

7. Tap time (as indicated on the right) and select hour, minute, and AM/PM.

8. Tap OK.

Tap here to set time.

Date & Time

12:00 AM

2008	Feb	18
2009	Mar	19
▶ 2010	Apr	20
2011	May	21
2012	Jun	22

▲ ▼ OK ↩
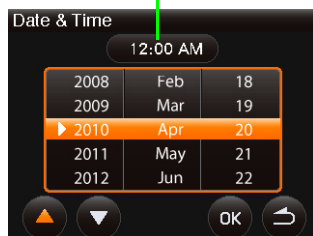
Setting language

This is to select the language version to show on the screen.

To select a language:

1. Tap MENU > ⚙ > **Language**.

2. Tap a language to select it. (Tap ▲ / ▼ to find more languages as needed.)

Setting date and time

You need to set the date and time the first time you use the camera, or when the camera battery has been removed for a long time.

To set date and time:

1. Tap MENU > ⚙ > **Date & Time**.

2. Tap the **Year** column and tap ▲ / ▼ to select the correct year.

3. Tap the **Month** column and tap ▲ / ▼ to select the correct month.

4. Tap the **Day** column and tap ⬆ / ⬇ to select the correct day.

5. Tap time (as indicated on the right) and select hour, minute, and AM/PM.

6. Tap ᴏᴋ .

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. Tap a button from the default display screen, or tap ᴍᴇɴᴜ for more options.

3. Follow the on-screen display (and instructions wherever available) and tap the corresponding icon to access and set more options. At any time, you can cancel the current

   operation by tapping ✖ or ↩ to return to your previous step.

4. Slide to **T** to zoom-in or **W** to zoom-out.
5. Press the shutter halfway to let the camera set automatic focus.
6. Press the shutter down fully to capture.
7. Release the shutter.
8. In the **Movie Record** mode, press the shutter to start or stop video recording.

☞ • If you press the shutter halfway to set automatic focus, the camera is ready to capture when the auto focus frame is green. If there is no auto focus frame or the frame is red and you press the shutter down, it might result in blurred photos.
   • During zoom-in/out, there is a separator in the zoom bar between **W** and **T**. 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. Yet, sound is not recorded during zoom-in/out.
   • At any time, you can press 🔘 to turn off the camera.
   • In the capture or playback mode, tap ᴅɪsᴘ repeatedly to show different information on the screen.

Viewing captured images and videos

To enter the playback mode, press ▶ to view files captured by this camera.

English

To view the previous file:

• Tap ◀.

• Shake the camera clockwise (when the camera is held horizontally).

To view the next file:

• Tap ▶.
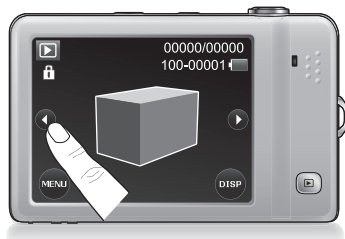
• Shake the camera counterclockwise (when the camera is held horizontally).

• Tap anywhere on the screen to switch to the swipe-and-slide view. Next, tap ◀ or swipe and slide (from left to right) across the first two files (No. 2 and No. 3 in the example below).
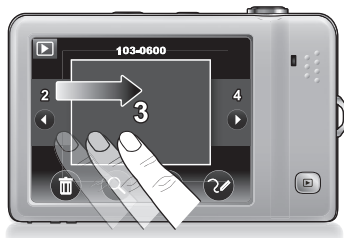
☞ To move backward fast, swipe and slide quickly (from left to right) across the three files shown on the screen.

• Tap anywhere on the screen to switch to the swipe-and-slide view. Next, tap ▶ or swipe and slide (from right to left) across the last two files (No. 3 and No. 4 in the example below).
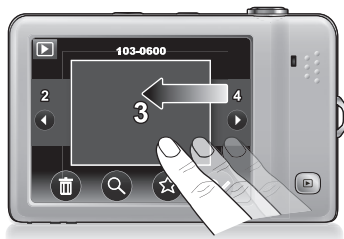
☞ To move forward fast, swipe and slide quickly (from right to left) across the three files shown on the screen.

English

To toggle among different views:

- In this view, you can tap [MENU] for options. Plus, slide to **T** or circle (either clockwise or counterclockwise) the image on the screen if you want to enlarge the current image (not available for an audio or video file). Once the image is enlarged, you can also tap and slide the screen to move to a particular area.
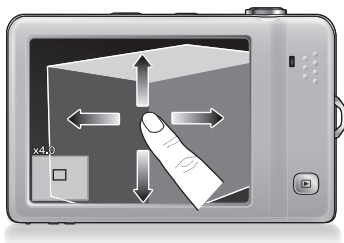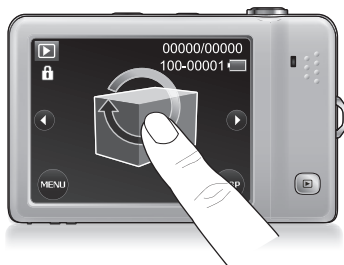
- Tap anywhere on the screen to view files in the swipe-and-slide view.

- Slide to **W** to view files in the thumbnail view. Tap a thumbnail to view it in full screen.

- Slide to **W** again to view files in the calendar view (for files created in the current month). Tap a thumbnail to view the files (created on that day), or tap ◀ or ▶ to search for more files taken in other months. Plus, you can sort files by favorite.

☞ • For a video file, tap ⓹ to start playback.

• Anytime in the playback mode, you can press ▶ or the shutter to switch to the capture mode.

• For image/audio/video files captured by other devices, your camera may not be able to show the detailed file information (such as resolution) or to edit them.

Capture mode
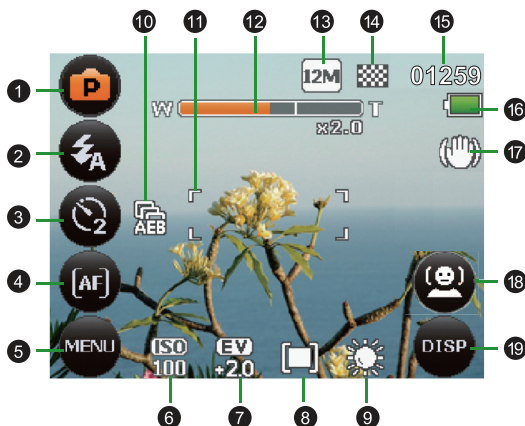
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8	AE metering	16
9	White balance	15
10	AEB (Auto Exposure Bracketing)	17
11	AF area	17

English

12	Zoom bar	--
13	Resolution	14
14	Quality	14
15	Number of shots available	--
16	Battery status	--
17	S.S.F. (Super Shake-Free)	--
18	Face Tracking	17
19	Displayed information	--

Shooting mode

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

Icon	Mode	Description
🔺	Auto	The camera automatically decides most settings, so you can capture images with ease.
🔺	Smart Scene	Automatically selects the best shooting mode from Backlight, Landscape, Portrait, Night Scene, and Macro.
🅿	Program	You can set the shooting parameters manually.
🎥	Movie Record	Captures videos with sound. When viewing the captured video file later, tap the ▶ icon to play it.
😊	Smile Catch	Automatically takes a shot when a smile is detected.
😉	Blink Detector	Automatically detects blinking when you capture an image.
👤	Portrait	Makes the subject (usually a person) stand out with a brighter look.
🏔	Landscape	Captures natural scenery and subjects in the distance.
🏃	Sports	Captures a fast-moving subject.
🔆	Backlight	Increases exposure (by turning on the flash) when light illuminates the subject from behind.
🌙	Night Scene	Captures photos in a low-light environment, such as in the evening or at night.
🌃	Night Portrait	Captures photos of a subject against a night scene. Use of a tripod is recommended.

English

	Self Portrait	Helps take a picture of yourself (and other subjects if available).
	Love Portrait	Takes a self portrait with at least two faces in a confined area.
	Pre-Composition	Captures the background first, so the helper can use it to take the final shot.
	HDR	Increases the dynamic range and enhances the details of dark areas.
	Snow	Increases contrast to highlight the texture and layers of snow.
	Fireworks	Increases the exposure time to capture fireworks. Use of tripod is recommended.
	Building	Enhances the edges of the subject.
	Soft Flowing Water	The shutter speed is lowered to prevent blurred images. Use of a tripod is recommended.
	Web Auction	Reduces the file size for faster internet upload.
	Beauty Enhancer	Enhances the tone of skin so that the facial skin appears smooth.
	Food	Captures food by enhancing color brightness and giving more vivid colors.
	Candle Light	Captures subjects illuminated by candle light.
	Party	Captures in-door activities in a dim light.
	Text	Increases contract when taking a close-up photo.
	Child	Captures images of moving kids.
	Foliage	Takes a clear and vivid picture of flowers or plant leaves by emphasizing their saturation and sharpness.
	Sunset	Increases white balance to enhance photos taken at sunset.
	Voice Rec.	Captures background sound only (no images or videos).

English

To select a shooting mode:

1. Tap the top-left icon (representing the current shooting mode) from the display screen.
2. Tap ⬅ or ➡ to move to the shooting mode (represented by the middle thumbnail; a sample image might also display depending on the shooting mode you select) you want and tap the middle thumbnail. You can also tap 🔲 to view all available shooting modes and tap one to select it.
3. Tap ok to confirm and exit.

💡 • ISO sensitivity, Metering, and White Balance are not available for some shooting modes (such as Auto).
  • When S.S.F. is turned on, you cannot adjust the ISO sensitivity.
  • Tap 🔲 and 🔲 to toggle between "middle thumbnail" mode and "all displayed" mode.
  • If you want to know the description of a certain scene quickly, tap ❓ and then the desired scene. The scene info window opens. Tap ok to select this shooting mode.

Flash mode

The flash provides 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
⚡A	Auto	The flash fires automatically based on the photographic conditions.
👁A	Auto Anti Red-eye	Reduces the red-eye phenomenon to capture 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.
⚡	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.
⚡S	Slow Sync	Fires the flash for proper exposure of the subject, and uses a slow shutter speed to capture ambient light for proper exposure of the background. Useful for capturing night scenes with still subjects (such as portraits). Use of tripod is recommended.
🚫	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.

To select a flash mode:
1. Tap the 2nd top-left icon (current Flash mode).
2. Tap another icon of your choice.

Drive mode

Icon	Mode	Description
	10 sec Self-timer	Automatically takes a picture after a 10 second delay. This mode is useful when you want to be part of the picture.
	2 sec Self-timer	Automatically takes a picture after a 2 second delay.
	Double	Performs delay and capture twice: 1. Performs a 10-second delay, then captures the image. 2. Performs another 2-second delay then captures the image again.
	Burst	Continuously takes pictures as long as you keep pressing the Shutter. The flash is always off in this mode.
	Speedy Burst	Press and release the shutter. When the photo size you select is VGA, Speedy Burst will shoot continuously at the speed of 30 shots per second. This will stop after 1 second or when the memory card is full.
	Off (Single)	Takes one picture at a time.

To select a drive mode:
1. Tap the 3rd top-left icon (current Drive mode).
2. Tap another icon of your choice.

Focus mode

Decides how to adjust the distance between the camera and the subject, so the subject can be captured clearly.

Icon	Mode	Description
	Auto	This is the auto focus mode.
	Macro	Captures subjects at close range.
	Pan Focus	Captures everything (for example, fast-moving objects or subjects in the dark) from near to far in an acceptable focus.
	Infinity	Captures subjects across long distances. The flash is off in this mode.

English

To select a focus mode:
1. Tap the 4th top-left icon (current Drive mode).
2. Tap another icon of your choice.

Menu

Accesses other options such as image size, EV, ISO, and so on.

To select an option under Menu:

1. Tap [MENU] .

2. Tap an option (as listed on the screen) under [icon] , or tap [up] / [down] to move to other options.

3. Tap [exit] to exit.

Resolution

Icon	Description	Icon	Description
[12M]	12 megapixels (4000 x 3000)	[3M]	3 megapixels (2048 x 1536)
[3:2]	3:2 (12 megapixels; 4000 x 2672)	[HD 16:9]	HD 16:9 (1920 x 1080 in full HD format)
[8M]	8 megapixels (3264 x 2448)	[VGA]	VGA (640 x 480)
[5M]	5 megapixels (2592 x 1944)	--	--

To select an image size:

1. Tap [MENU] > **Image Size** (under [icon]).

2. Tap an image size option or tap [up] / [down] to move to other options.

3. Tap [exit] to exit.

Quality

Icon	Option	Description
[icon]	Super Fine	Best image quality with the lowest compression rate. File size is the largest.
[icon]	Fine	Better image quality with medium compression rate. File size is medium.
[icon]	Normal	Good image quality with the highest compression rate. File size is the smallest.

To select an image quality level:

1. Tap [MENU] > Quality (under [📷]).

2. Tap a quality option.

3. Tap [↩] to exit.

EV compensation

EV (exposure value) lightens or darkens the entire image. Adjust EV compensation 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 set EV compensation:

1. Tap [MENU] > **EV Compensation** (under [📷]).

2. Tap an EV option or tap [▲]/[▼] to move to other options.

3. Tap [↩] to exit.

White balance

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	Adjusts white balance for bright daylight conditions.
⛅	Cloudy	Adjusts white balance for cloudy, twilight, or shady conditions.
💡	Tungsten	Adjusts white balance for subjects lit by tungsten (incandescent) lighting.
🔆 🔆	Fluorescent H or Fluorescent L	Adjusts white balance for subjects lit by fluorescent lighting.
🔆	Manual	Manually adjust white balance.

☞ You may not be able to select White Balance if you use certain shooting modes, such as [🔺] (Auto).

To select white balance:

1. Tap ⬛ > **White Balance** (under 📷).

2. Tap a white balance option or tap 🔼/🔽 to move to other options.

3. Tap ↩ to exit.

ISO sensitivity

The higher the ISO value, the more noise you may see in the image.

Icon	Description
🔲ISO	Automatically sets the ISO value.
🔲ISO 100 🔲ISO 200 🔲ISO 400	Equivalent to color ISO 100/200/400 film. Used for outdoor photography in bright sunlight.
🔲ISO 800 🔲ISO 1600 🔲ISO 3200 🔲ISO 6400	Equivalent to color ISO 800/1600/3200/6400 film • ISO 3200 for images at 3 megapixels or lower • ISO 6400 for images at 3 megapixels or lower • Both ISO 3200 and ISO 6400 are often used it in a low-light environment or where the flash light is not allowed.

To select an ISO value:

1. Tap ⬛ > **ISO** (under 📷).

2. Tap an ISO option or tap 🔼/🔽 to move to other options.

3. Tap ↩ to exit.

☞ You may not be able to select the ISO value if you use certain shooting modes such as 🔺 (Auto).

Metering (Automatic exposure metering)

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

To select an AE option:

1. Tap [MENU] > **Metering** (under [📷]).

2. Tap a metering option.

3. Tap [↩] to exit.

Auto Exposure Bracketing (AEB)

When AEB is on, the camera automatically takes 3 pictures with different EV compensation for you to choose from later.

AF Area

Icon	Mode	Description
[📷]	Wide	Focuses on subjects in a wider focusing area.
[+]	Center	Focuses on the center of the touch screen.
[😊]	Face Tracking	Focuses on the people in your composition by automatically detecting and tracking human faces.
[👆]	Touch Shot	You can manually decide the auto focusing area by dragging the frame within the boundary shown on the touch screen. A shot is taken when the finger is released.

To select an automatic focus option:

1. Tap [MENU] > **AF Area** (under [📷]).

2. Tap an AF option or tap [▲]/[▼] to move to other options.

3. Tap [↩] to exit.

To use Face Tracking:
1. Follow the steps above to select **Face Tracking** in **AF Area**.
2. Aim the lens at the subject(s). One or several white frames show on the screen focusing on the subjects, depending on the number of subjects detected by the camera.
3. Press the shutter halfway to set automatic focus.
4. Wait until the frames turn green, and press the shutter down.

☞ In order to detect the face(s) easily and obtain better image quality, it is recommended to have your subjects facing toward the lens when you use Face Tracking.

AF Assist Lamp

When AF Assist Lamp is on, it helps the auto focus system when shooting in low light conditions.

English

Setting sharpness, saturation & contrast

You can adjust how colors appear in the pictures by setting sharpness, saturation, and contrast.

1. Tap (MENU) .
2. Tap **Sharpness**, **Saturation**, or **Contrast** (under [icon]).
3. Select **High**, **Normal**, or **Low**.
4. Tap [icon] to exit.

Effect

You can add special effects to your images in capture mode.

Icon	Mode	Description
[icon]	Normal	No effect is added to the image.
[icon]	Vivid	Recorded image will be stored in a bright and lively tone.
[icon]	Sepia	Recorded image will be stored in a sepia tone.
[icon]	B/W (Black/White)	Convert image to black & white.
[icon]	Vivid Red	Recorded image will be stored in a bright and lively red tone.
[icon]	Vivid Green	Recorded image will be stored in a bright and lively green tone.
[icon]	Vivid Blue	Recorded image will be stored in a bright and lively blue tone.

To select an effect:

1. Tap (MENU) > **Effect** (under [icon]).
2. Tap an effect option or tap [icon]/[icon] to move to other options.
3. Tap [icon] to exit.

Digital Zoom

The digital zoom enlarges or shrinks the image using a software process.

Icon	Mode	Description
[icon]	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.

Date Stamp

When Date Stamp is on, it prints the date ![icon], or date & time ![icon] (when the currently selected image was taken) to this image.

Instant Review

When Instant Review is on, the image or video you just captured is displayed on the screen for a few seconds, you can have a quick review of the file.

Smart Scene

Automatically selects the best shooting mode from Portrait ![icon], Landscape ![icon], Sunset ![icon], Backlight ![icon], Backlight Portrait ![icon], Night Portrait ![icon], Night Scene ![icon], Snow ![icon], Text ![icon], Foliage ![icon], Macro ![icon] and Tripod ![icon] (used in a low-light environment and while the camera is held still).

Using Smart Scene:
1. Tap the top-left icon (representing the current shooting mode) from the display screen.
2. Tap ![icon] or ![icon] to move to ![icon], and then tap the middle thumbnail to select it.
3. Press the shutter halfway to set automatic focus. The selected shooting mode is displayed in the top left corner of the screen.
4. Press the shutter to capture an image.

☞ In order to detect the face(s) easily and obtain better image quality, it is recommended to have your subjects facing toward the lens when you use Face Tracking.

Blink Detector

Automatically detects blinking when you capture an image.

1. Tap the top-left icon (representing the current shooting mode) from the display screen.
2. Tap ![icon] > ![icon] > ![icon] .
3. Press the shutter to capture an image. If blinking is detected, a warning message appears on the screen.
4. Press **Yes** to save or **No** to discard the image.

Love Portrait

Takes a self portrait of at least two faces.

1. Tap the top-left icon (representing the current shooting mode) from the display screen.

2. Tap ⊞ > 👥 > OK .

3. Once faces are detected, the camera will automatically take a picture after a two-second countdown.

☞ During the countdown, you can press the shutter to cancel the countdown. The camera will then start detecting faces again.

4. The camera continues to detect faces and take more pictures by repeating Step 3. This face tracking will automatically stop if no faces are detected.

Pre-composition

Captures the background first for positioning the final image. Ideal for asking others to take your photo.

1. Tap the top-left icon (representing the current shooting mode) from the display screen.

2. Tap ⊞ > PRE > OK .

3. Press the shutter to capture the background. The bottom section of the screen displays the captured background image.

4. Use the captured background image to frame the composition, and press the shutter to capture the final image.

Smile Catch

Smile Catch automatically captures smiling moments.

1. Tap the top-left icon (representing the current shooting mode) from the display screen.

2. Tap ⊞ > 😊 > OK .

3. The camera is tracking the face of your subject (a white frame shows).

4. Once a smile is detected, the camera instantly takes a picture.

5. The camera continues to detect smiles and takes more pictures (Step 4 is repeated).

Web Auction

Combines maximum 4 shots into one single image at the VGA (640 x 480) size, so it can be quickly used in situations such as Internet auctions.

1. Tap the top-left icon (representing the current shooting mode) from the display screen.

2. Tap ⊞ > 🔨 > OK .

Icon	Mode	Description
🔲	1 shot	Takes one picture only.
🔳	2 shots	Takes two pictures based on the numeric order shown below:

	3 shots	Takes three pictures based on the numeric order shown below:
	4 shots	Takes four pictures based on the numeric order shown below:

3. Press the shutter to take one picture.
4. If you are satisfied with the this picture, tap **Yes** to take the next one. (If you want to re-take the previous picture, tap **Cancel** and repeat Step 3.)
5. Once you have finished taking all pictures, the camera will automatically combine these images into one.

Movie Record mode settings

If you select 📹 (Movie Record) as the shooting mode, different options are available.
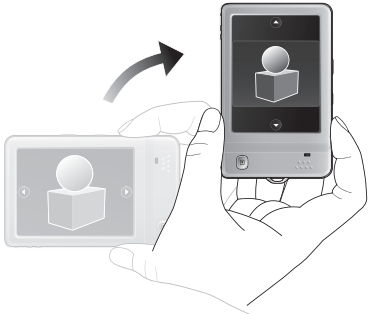
Icon	Mode	Description	Page reference
	Video format	Displays video file format and size, including: HD 720p (16:9; 1280 x 720; interpolation), VGA (640 x 480), QVGA (320 x 240), or Web sharing (640 x 480). • Recording a video at HD 720p (16:9; 1280 x 720) requires a Class 6 or above SDHC card. • Videos captured in Web sharing mode are stored under the XXXUTUBE directory (XXX are numbers) with the file size limited to 1 GB or 10 minutes per video file (video recording will automatically stop).	--
	White balance	Compensates for color temperatures in different lighting conditions.	15
	Metering	Automatic exposure metering	16
	Focus	Decides how to adjust the distance between the camera and the subject, so the subject can be captured clearly.	13

English

		Pre-record	When Pre-record is on, the camera repeats recording a short video clip for a 3-second duration before you press the shutter. Once you press the shutter, the previous 3-second video clip will be combined into the current video you are shooting. Note that only the latest 3-second video clip is stored temporarily on the memory.	
		Effect	Adds special effects.	18

System settings

To change the system settings, tap 🔘 > ⚙. Tap 🔺/🔻 to find more options.

Icon	Mode	Description
	Sounds - Startup	Sets the boot up sound.
	Sounds - Shutter	Sets the shutter sound.
	Sounds - Volume	Sets system sounds to on or off.
	Power Saving	Sets the idle time before the camera enters the power-saving mode.
	LCD Saving	Sets whether to save power by turning off the screen if the camera is idle for a specific time.
--	Date & Time	Sets the date and time.
--	Language	Sets the displayed language on the touch screen.
	File Numbering	Sets the naming rule of file names.
	TV Format	Sets the video format (such as NTSC or PAL) when connecting to an AV system like TV.
	LCD Brightness	Sets the brightness of the touch screen.

English

--	Manage Memory	Formats the internal memory or the SD card. You can also copy all files from the internal memory to an inserted memory card.
--	Reset All	Returns all settings to the factory default values or resets the file number.
--	Auto Rotation	Automatically changes the image orientation (for viewing on the camera only; actual image content is not changed) as you change the camera holding position.
		For example, if an image was taken when the camera was held horizontally, the image will still be displayed horizontally (its original orientation) during playback when the camera is held vertically.

English

Playback mode

Press ▶ to enter the playback mode. You can tap to show different information on the screen.
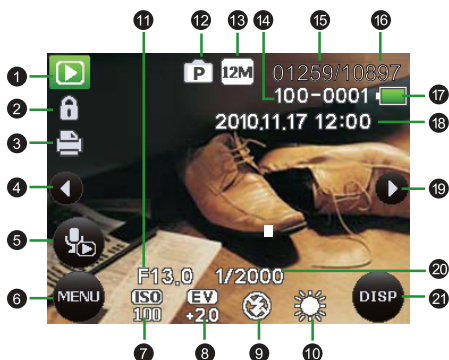
☞ • When the camera is off, pressing ▶ will enter the playback mode.

• In the capture mode, press ▶ to enter the playback mode.

• In the playback mode, press ▶ or the Shutter to switch to the capture mode.

• When the 🕐 icon shows in a thumbnail or on the screen, this means that the file is in an unknown file format or has been corrupted.

Item	Description	Item	
1	Current mode (playback)	2	Protected file
3	DPOF	4	Previous file
5	Voice memo	6	Menu (access more options)
7	ISO used by the file	8	EV used by the file
9	Flash mode	10	White balance used by the file
11	Aperture value used by the file	12	Shooting mode used by the file
13	Resolution used by the file	14	Folder number and file name where the file is located
15	File number	16	Total number of files
17	Battery status	18	Date and time when the file was created
19	Next file	20	Shutter speed used by the file
21	Displayed information	--	--

To select a playback/edit option:

1. Press ▶ and select an image. Then tap [MENU] .

2. The available icons of playback/edit options show. Tap the one you need. Options available may vary depending on the image size.

If you are in the swipe-and-slide view, 4 options are shown on the screen for you to use. For other options, tap anywhere on the screen and tap [MENU] .

☞ • Tap 🗑 to delete the currently selected file.

• Tap 🔍 to search for files by favorite/scene/date, or display all files.

• Tap ☆ to add the currently selected file to your favorites.

• Tap 📝 to edit an image file using My Drawings.

Search Photos

Provides the following 4 criteria for you to view sorted files:

Icon	Mode	Description
	By Favorite	Shows files that have been added to your favorites.
	By Scene	Shows files taken using the same scene mode.
	By Date	Shows files taken on the same day.
	Display All	Shows all files.

English

Slideshow

Shows a series of files using the options below:

Icon	Mode	Description
	Interval	Sets the time interval between each file to display.
	Transition	Sets the transition effect between each file to display.
	Repeat	Sets whether to show this series of files in a loop.
--	Start	Once all the above 3 options are set, tap **Start** to see the slideshow.

Favorite

Adds the currently selected file to one of your favorites. Just tap one of the favorites icons and you will be able to search these files later by favorite.

Quick Retouch

Instantly improves the brightness and contrast of the currently selected image by one of the three levels (Low, Normal, High).

Red-eye Removal

Removes appearance of red eyes in an image.

Perspective Control

Changes the perceived depth and distance of an image either from the top or the

bottom of an image.

Radial Blur

Applies a rotating motion effect to give a feel of speed by one of the three levels (Low, Normal, High).

Photo Effect

Changes the color tone of an image.

Option	Description
Normal	No effect is added to the image.
Sepia	Recorded image will be stored in a sepia tone.
B&W	Convert image to black & white.
Negative	Opposite what they were in the original image.
Mosaic	Apply mosaic tile effects to the image.
Vivid Red	The image becomes reddish.
Vivid Green	The image becomes greenish.
Vivid Blue	The image becomes bluish.

My Drawings

Adds preset or customized drawings (including handwriting), stamps, or a frame to an image.

☞ • Drawings and stamps (described as "scribbles" below) cannot be added to an audio/video file, or to an image of 3:2 or lower than 3M.
   • After scribbles are added to an image and saved, the image is automatically resized to a 3M image.

Icon	Tool	Description
	Line	Creates lines such as handwriting. **To create lines:** 1. Tap , and then tap for a type and for a color. 2. Start tapping on the touch screen, and then drag your finger or stylus to create lines.
	Stamp	Selects a preset stamp. **To select a preset stamp:** 1. Tap , and then tap for a preset stamp and for a color. 2. On the touch screen, tap the location where you want to add a stamp. You can add as many stamps as you want, or repeat step 1 to add other types of stamps.
	Frame (for **Add Memo** only)	Selects a preset frame to decorate an image. **To select a preset frame:** 1. Tap . 2. tap or to select a frame.

English

	Eraser	Removes part or all of the scribbles.
		To use the eraser:
		1. Tap ![icon].
		2. On the touch screen, tap the location where you want to remove the scribbles, and then drag your finger or stylus to start removing.
	Undo / Redo	Used to undo or redo your last move.
	Reset	Removes all scribbles.
	Save	Saves the modified file as a new file.
	Discard	Discards the modified file.

Voice memo

Inserts a voice annotation to an image file.

To add a voice memo:

1. Tap ![icon] to start recording your voice.

2. Tap ![icon] again to stop. (The maximum length of a voice memo is 30 seconds.)

When you view the image later, the icon ![icon] indicates that a voice memo is attached.

Deleting files

Removes selected or all files using one of the following options:

Icon	Mode	Description
	Off (Single)	Deletes the currently selected file.
	Voice Memo	Deletes the voice memo only from the currently selected file.
	Select	Deletes files that you select (by tapping associated thumbnails).
	All	Deletes all files.

Protect

Prevents selected files from accidental removal using one of the following options:

Icon	Mode	Description
	Single	Enables protection for the currently selected file. As you move between files, you can tap **Protect** to enable protection or tap **Unprotect** to disable protection.
	Select	Enables protection for the files that you select (by tapping associated thumbnails).
	Lock All	Enables protection for all files.
	Unlock All	Disables protection for all files.

Trim

Crops the image area you select and saves the cropped image into another file at a smaller size.

To trim an image:

1. Tap and slide the currently selected image until the displayed image content is OK with you.
2. Tap the Save icon (new image size shown here varies depending on the file size of the currently selected image) to save the displayed image content as another image file.

Resize

Changes an image to a smaller size. Available small image sizes vary depending on the file size of the currently selected image.

Rotating an image

Changes the orientation of an image.

To rotate an image:

1. Tap to rotate the currently selected image 90 degrees counterclockwise, or tap to rotate the currently selected image 90 degrees clockwise.
2. Tap **Done** and the image in this orientation is saved as a new image file.

Startup Image

Sets the image to show when you turn on the camera. By default, the system image (stored in the camera) is used. You can tap or to toggle among **Default**, **My Photos**, and **Off**.

When My Photos is selected, you can tap or to see your own images and tap My Photos to set is as the startup image.

DPOF

Enters the Digital Print Order Format (DPOF) data for selected images or all images. A DPOF-compatible printer can read this data for printing.

Icon	Mode	Description
	Single	Enables (you will need to enter the number of images to print) or disables DPOF for the currently selected image.
	All	Enables DPOF for all images. You need to enter the number of images to print, and the value you enter applies to all images.
	Reset	Disables DPOF for all images.

Active Display

When Active Display is on and the camera is in the playback mode, you can shake the camera clockwise (when the camera is held horizontally) to move to the previous file. To move to the next file, just shake the camera counterclockwise (when the camera is held horizontally).

☞ Active Display is not available in the swipe-and-slide view or the thumbnail view.
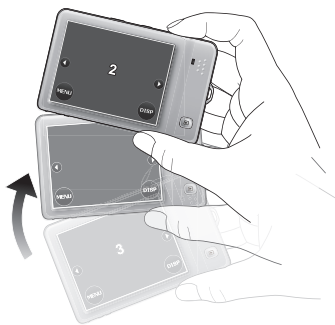
Clockwise: move from the current file (No. 3) to the previous file (No. 2).
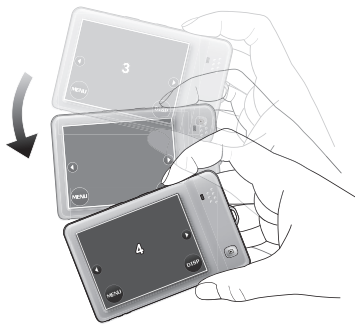
Counterclockwise: move from the current file (No. 3) to the next file (No. 4).

Bundled software

The camera provides 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. |

English

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. Tap **Computer** on the screen of your camera.
4. A **Removable Disk** icon appears in **My Computer**. Click this icon to access the files in your camera.
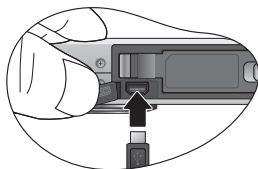
☞ • When connecting the camera to a computer, it is necessary to install a battery into the camera.
   • When connecting the camera to a computer, please use the original accessory of the USB cable to avoid possible system conflicts and damage to the camera.

Connecting the camera to an AV system

You can play files in your camera with an AV system, such as a 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. Tap anywhere on the camera screen, and then press ▶ to enter the playback mode.

To watch a slideshow on an AV system:
1. Once you have completed the above 5 steps for connecting the camera to an AV system,

   select an image and tap MENU > **Slideshow** > **Start** > TV .
2. To stop the slideshow, tap anywhere on the camera screen.

To watch a video on an AV system:
1. Once you have completed the above 5 steps for connecting the camera to an AV system,

   select a video and tap ▶ (shown on the middle of the camera screen) > TV .
2. To stop the video playback, tap anywhere on the camera 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 or DPOF.

Printing with Printer mode

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. Turn off the camera.
2. Connect the end of the smaller plug of the USB cable to the camera.
3. Connect the other end of the USB cable to an available USB port on your printer.
4. Turn on the printer. Wait for a while until the printer is ready to print.
5. Turn on the camera.
6. Follow the on-screen instructions in your camera or printer to complete printing.

☞ The above procedure may vary depending on the printer type you are using.

Printing with DPOF

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.

English

Problem	Cause	Solution
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.

English

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.
Why sometimes I cannot completely use up the remaining number of pictures that can be taken on my memory card?	The remaining number of pictures shown on the screen is an estimated value, which may be different from the actual one depending on the compression ratios (may vary by scenes) when converting from RAW to JPG.	--
Why may some pictures look unclear or be read improperly during playback?	These pictures are taken by another camera.	Enlarging these pictures could solve the problem.

Technical support

For technical assistance, firmware updates, product information, user manual, and news releases, visit the following web site:

http://www.BenQ.com

Specifications

Image sensor	Sharp 12M CCD; size: 1/2.3-inch
LCD display	3" LCD 230k pixels
Zoom	Optical: 4X Digital: 5X (preview) / 12 (playback)
Lens	f = 5.05 (W) ~ 20.2 (T) mm F= 2.8 (W) ~ 6.3 (T) (f = 28 mm ~ 112 mm, 35mm equivalent)
Focus range	Normal: W = 12 cm ~ Infinity Macro: W = 12 cm ~ 100 cm
Shutter speed	1/2000 ~ 1 sec (Fireworks 2 sec.; Night Scene 15 sec.)
Shooting mode	Auto, Smart Scene, Program, Movie Record, Smile Catch, Blink Detector, Portrait, Landscape, Sports, Backlight, Night Scene, Night Portrait, Self Portrait, Love Portrait, Pre-Composition, HDR, Snow, Fireworks, Building, Soft Flowing Water, Web Auction, Beauty Enhancer, Food, Candle Light, Party, Text, Child, Foliage, Sunset, Voice Rec.
Flash	Auto, Force off, Force on, Auto Anti Red-eye, and Slow Sync
Drive mode	10 sec Self-timer, 2 sec Self-timer, Double, Burst, Speedy Burst, Off (Single)
Exposure compensation	-2 to +2 EV (in 0.3-step increments)
ISO	Auto, 100, 200, 400, 800, 1600, 3200 and 6400 • ISO 3200 for images at 3 megapixels or lower • ISO 6400 for images at 3 megapixels or lower
White balance	Auto, Daylight, Cloudy, Tungsten, Fluorescent H, Fluorescent L and Manual
File format	• Still Image: JPEG (Exif 2.2 compatible) and DCF compatible; Support DPOF; Video: MJPEG; Audio: WAV - 12 megapixels (4000 x 3000), 3:2 (4000 x 2672), 8 megapixels (3264 x 2448), 5 megapixels (2592 x 1944), 3 megapixels (2048 x 1536), HD 16:9 (1920 x 1080) and VGA (640 x 480) • Video: AVI (for use on the camera only) - HD 720p (16:9; 1280 x 720; interpolation), VGA (640 x 480), QVGA (320 x 240), or Web sharing (640 x 480); 30 fps; continuous recording with sound until the memory card is full (except Web sharing) • Audio: WAV
Storage	• Internal: Built-in Approx. 12 MB (usable) • External: SD card up to 4 GB, SDHC card up to 32 GB. This camera is compatible with SD cards manufactured by Panasonic, Toshiba, and Sandisk. Please contact your local dealer for purchase information.

Interface	Digital output: USB 2.0 Compatible Audio/Video output (NTSC/PAL) PictBridge compatible
Power source	700 mAh Rechargeable Lithium-ion battery; CIPA approx 150 base on bundle Li-ion battery
Working temperature	0 - 40 degrees Celsius
Dimensions (W x H x D)	91.6 x 57.8 x 16.3 mm
Weight	110 g (without battery & SD card)
Accessory	Quick Guide, USB cable, battery, leather case, Software & User Manual CD, battery charger, AC power adapter, AV cable, hand strap and stylus

All information, designs, and specifications are subject to change without prior notice.