HP PW550

Digital Camera
User Manual

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Preface

About this Manual

This manual is designed to assist you in using your new digital camera. All information presented is as accurate as possible but is subject to change without notice.

For the latest revision, please visit **www.hp.com/support**.

Copyright

This manual contains proprietary information protected by copyright. All rights are reserved. No part of this manual may be reproduced by any mechanical, electronic or other means, in any form, without prior written permission of the manufacturer. © Copyright 2009

Federal Communications Commission (FCC) Compliance

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 distance between the equipment and the receiver.
- Connect the equipment to 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.

Warning: A shielded-type power cord is required in order to meet FCC emission limits and to prevent interference to radio and television reception. Use only shielded cable to connect I/O devices to this equipment. Any changes or modifications not expressly approved by the manufacturer may void your warranty and service agreement.

Declaration of Conformity

This device complies with Part 15 of the FCC rules. Operation is subject to the following conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Trademark Recognition

Windows 2000/XP/Vista/Windows 7 are registered trademarks of Microsoft Corporation in the United States and/or other countries. Macintosh and Mac OS are registered trademarks of Apple Inc. In addition, all other companies or product names are trademarks or registered trademarks of their respective companies.

Safety and Handling Precautions Camera Information

- Do not take apart or attempt to service the camera yourself.
- Do not expose the camera to moisture, or extreme temperatures.
- Allow the camera to warm up when moving from cold to warm temperatures.
- Do not touch the camera lens.
- Do not expose the lens to direct sunlight for extended periods.
- Do not use abrasive chemicals, cleaning solvents or strong detergents to clean the product. Wipe the product with a slightly damp soft cloth.

Battery Information

- If the battery is already installed, make sure to power off the camera before removing and inserting the battery.
- When inserting the battery in this camera, ensure that it is oriented correctly. Please see pages 2 and 3 for additional details. Inserting the battery upside down can cause damage and in an extremely rare event can result in an explosion.
- When the camera is used for an extended period of time, it is normal for the camera body to feel warm.

Using this Menu

Symbols used in this manual are explained below:

	This indicates useful information when using your camera.
	This indicates warning message that should be read before using the function.

Photography Terms and Definitions

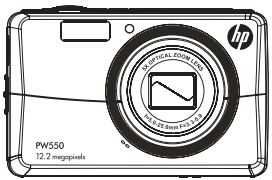
Terms	Definitions
auto exposure bracketing (AEB)	A simple technique professional photographers use to ensure they properly expose their pictures, especially in challenging lighting situations. When AEB is selected, the camera automatically takes three or more shots with a different exposure for each frame.
auto focus (AF)	Auto focus refers to a camera lens' ability to adjust its configuration in order to focus properly on a subject regardless of whether it is near or far from the camera. Auto focus lenses generally provide vastly superior image quality than do their fixed focus cousins since they do not have to rely on their depth of field. Also known as: "AF", "auto-focus".
album	An end-user created object that is used to logically group data objects according to some user-defined criteria. An album may or may not be a physical folder in a file system.
Analog to Digital Converter (A/D or ADC)	A circuit that converts an analog signal, having a continuously varying amplitude, to a digitally quantized representation using binary output signals.
aspect ratio	cf. image aspect ratio, pixel aspect ratio.
auto white balance (AWB)	With auto white balance, the camera attempts to determine the color temperature of the light and automatically adjust for that color temperature. Many people just leave the camera set to auto white balance all the time.
Charge Coupled Device (CCD)	A type of silicon integrated circuit used to convert light into an electronic signal.
compression	The process of encoding information using fewer bits cf. image compression, sound file compression.
Digital Print Order Format (DPOF)	A standardized ASCII file created in a digital camera and stored on removable media along with the image files that indicate how many copies of which images should be printed. It also allows index prints, cropping, and text overlays to be specified.

digital still camera (DSC)	A camera incorporating an image sensor which outputs a digital signal representing a still picture, or records a digital signal representing a still picture on a removable medium, such as a memory card or magnetic disk.
dynamic range	cf. ISO DSC dynamic range, colour gamut, luminance ratio.
Exif/JPEG	A compressed file format for digital cameras in which the images are compressed using the baseline JPEG standard, described in ISO 12234-2, and metadata and thumbnail images are stored using TIFF tags within an application segment at the beginning of the JPEG file.
exposure index	A numerical value that is inversely proportional to the exposure provided to an image sensor to obtain an image. Images obtained from a camera using a range of exposure index values will normally provide a range of image quality levels.
ISO speed	A numerical value calculated from the exposure provided at the focal plane of an electronic camera to produce specified camera output signal characteristics using the methods described in the referenced standard. The ISO speed should correlate with the highest exposure index value that provides peak image quality for normal scenes.
JPEG	Joint Photographic Experts Group. An image compression method defined in ISO/IEC 10918-1.
protocol	Defined mechanisms for exchanging data between devices.
StorageID	A device-specific four byte unsigned integer (UINT32) that represents a unique storage area that may contain data objects. The most significant sixteen bits of a StorageID represents the PhysicalStorageID, while the least significant sixteen bits of a StorageID represents the LogicalStorageID.
USB	Universal serial bus, a digital interface for connecting up to 64 devices in a tiered-star topology. See http://www.usb.org.
white balance	The adjustment of electronic still picture color channel gains or image processing so that radiation with relative spectral power distribution equal to that of the scene illumination source is rendered as a visual neutral.

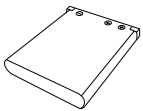
Source: ISO/WE 12231 Photography-- Electronic still-picture cameras -- Terminology

Package Contents

Please check the contents of your camera package. It should contain:

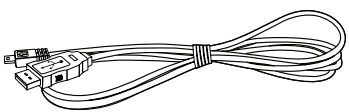


Digital camera



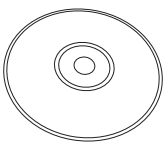
Li-ion battery

Wrist strap

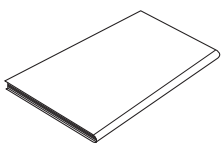


USB cable

Warranty Card



User Manual and Software installation



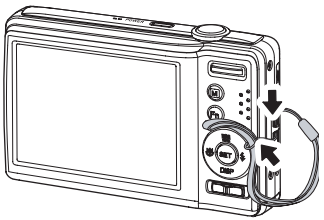
Quick Start guide

Getting Started

Attaching the Wrist Strap

Follow these instructions to attach the wrist strap to your camera to better protect your new camera:

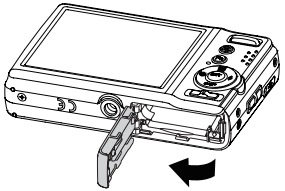
1. Insert the smaller loop of the strap in the strap eyelet.
2. Thread the larger loop of the strap though the short loop and pull tight to attach the strap to the camera.



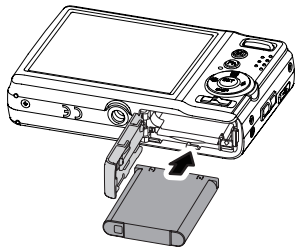
Inserting the Battery

Follow these instructions to insert the NP45 Lithium-ion (Li-ion) battery into the battery compartment. If the battery is already installed, make sure to power off the camera before removing and inserting a recharged or new battery. Please read "Battery Information" before inserting/removing battery.

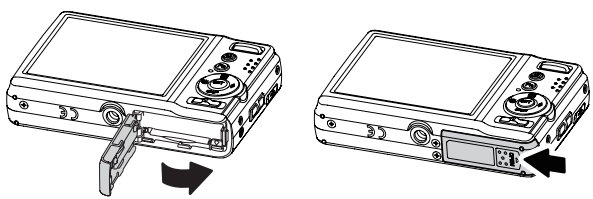
1. If the battery is already installed, make sure to power off the camera before removing and inserting a recharged or new battery.
2. Open the battery compartment at the bottom of the camera.



3. Insert the battery into the compartment with the terminal facing inside the camera.



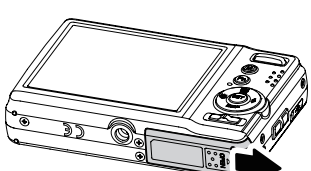
4. Close the battery compartment.

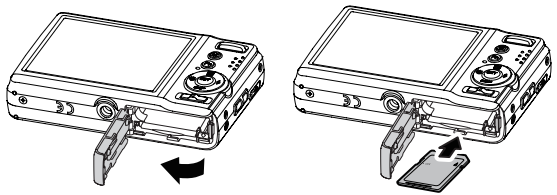


Inserting an SD/SDHC Memory Card

Expand your camera's storage by using SD or SDHC memory cards.

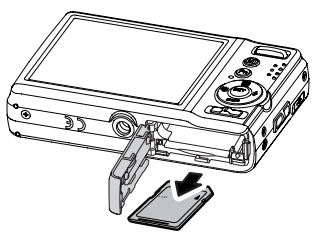
1. Open the SD card compartment at the bottom of the camera.
2. Insert the SD/SDHC card into the memory card slot with the metallic contacts facing the front side of the camera.
3. Push the SD/SDHC card into the memory slot until it clicks into place.
4. Close the SD card compartment.





To remove the SD/SDHC card

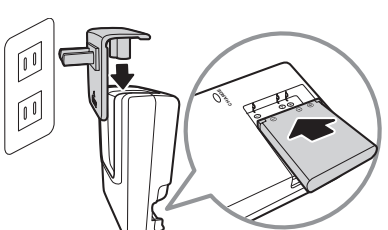
1. Open the battery compartment.
2. Gently push the card until it clicks and pops out.
3. Pull out the card carefully.



Charging the battery

The battery that comes along with your package is not fully charged. You need to charge the battery before using the camera.

1. Insert the battery into the battery charger.
2. Connect the battery charger to the adaptor.
3. Plug the adaptor to the main outlet.



Please charge the battery at least 2.5 hours for the initial use. Beyond the initial use, please charge your battery until the LED indicator on your charger turns green.

Camera Memory

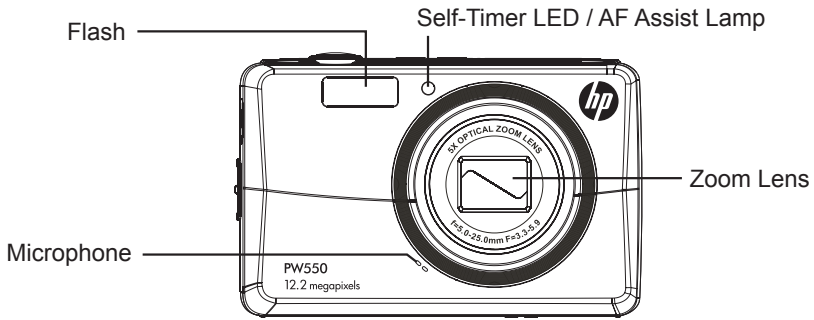
Your camera supports SD cards of up to 4GB in size. It also supports SDHC cards with a maximum capacity of 32GB. If there is a storage card inserted in the memory slot, the camera automatically saves all images, videos and audio clips in the external storage card.

The icon indicates the camera is using SD card.

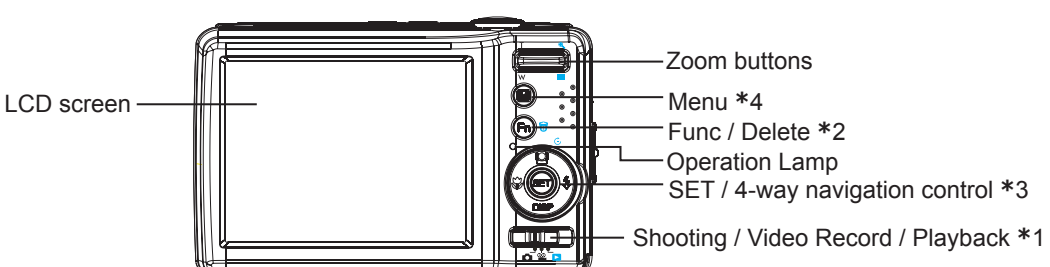
Not all cards may be compatible with your camera. When purchasing additional cards, please check the card specifications. Please use class 4 rated SD/SDHC or greater to ensure optimal operation. You can ensure optimal compatibility by purchasing HP brand SD cards.

Camera Views

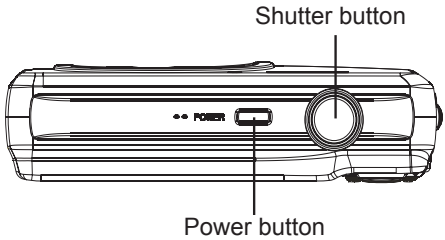
Front View



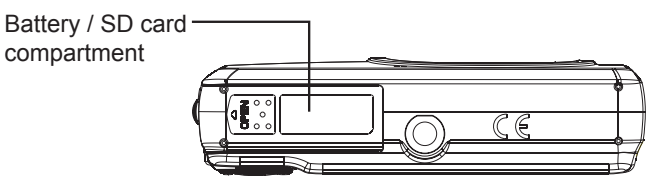
Back View



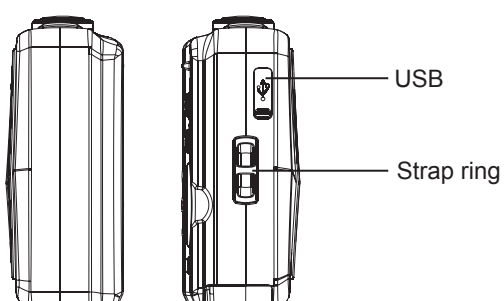
Top View



Bottom View



Left/Right View



Button ∗1: Shooting/Video Record/Playback

Switch to Shooting, Video Record or Playback mode by using the switching button.

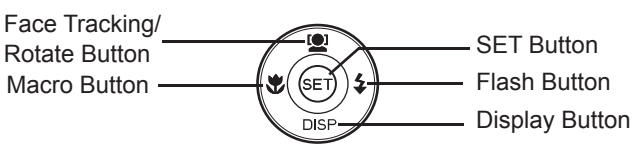
Button ∗2: FUNC/Delete

In Shooting and Video Record mode, press to enter FUNC menu.

In Playback mode, press to delete an image, video or audio clip.

Button ∗3: Navigation Control

The 4-way **Navigation Control** and the SET button allows you to access the various menus available from the On Screen Display (OSD). Further functions of these buttons are as follows:



Button ∗4: Menu button

Press the M button to enter the setup/settings menu. Press the button again to exit the settings menu.

Button	Usage
SET	1. Confirm a selection when using the OSD menus.
Flash/ Right	1. In Shooting mode, press to scroll through the flash mode options. (A Auto, Anti Red-eye, SL Slow Sync, Forced On and Forced Off) 2. In Playback mode, press to view the next image, video or audio clip. 3. In Playback Video Record, press to fast forward video playback. 4. In Menu mode, press to change submenus.
Macro/ Left	1. In Shooting mode, press to switch focus mode. (Macro, PF Pan Focus, INF Infinity) 2. In Playback mode, press to view the previous image, video or audio clip. 3. In Playback Video Record, press to rewind video playback. 4. In Menu, press to exit a submenu or to navigate through the menu selections.
Up/Face Tracking/ Rotate	1. In Menu mode, press to navigate through the menu and submenu selections. 2. In Shooting mode, press to turn the face tracking function on and off. 3. In Playback Video/ Audio mode, press to Start/Pause video or audio playback. 4. In Playback photo mode, press to rotate the image clockwise 90 degrees by each press of the button. This feature is applicable for still images only.
DISP Display/Down	1. In Playback mode, press to change the LCD screen display. Continue to press to cycle through thru the display options and on-screen help. See page 20 for additional details. 2. In Shooting mode, press to change the LCD screen display. Continue to press to cycle through thru the display options and on-screen help. See page 19 for additional details. 3. In Menu mode, press to navigate through the menu and submenu selections. 4. In Playback Video/ Audio mode, press to stop video/audio playback.

Initial Settings

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

Setting the Language

1. Press , DISP, , or to move through the selection.
2. Select a language, and then press SET to apply.

Using Setup Menu

You can access the Setup menu whether you are in Shooting or Playback mode. The Setup menu allows you to configure general camera settings.

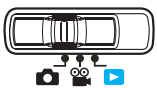
To go to Setup Menu:

1. Press M to launch the Shooting/Playback Menu.
2. Use the or key to change the menu tab to **Setup** menu.
3. Use the or DISP key to move through the menu selections.
4. To select an item, press the SET button or .
5. Change the submenu settings using the 4-way navigation control.
6. Press the SET button to save and apply settings.

Modes

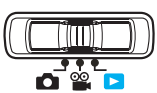
Your camera has three modes:

Shooting mode



- Set to Shooting mode to capture images and record audio clips.
- Shooting mode can be further set to mode options like auto and scene selection modes.

Video Record mode



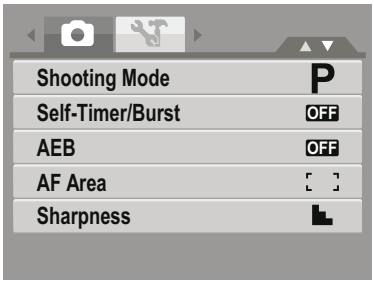
- Set to Video Record mode to record videos.

Playback mode

- Set to Playback mode to view or edit photos, review video and audio clips.

Selecting the Shooting mode options

1. Set the camera to Shooting mode.
2. Press (M) to launch Shooting mode Menu.
3. Select **Shooting Mode**, and then press ▶ to enter submenu.
4. Select a mode.
5. Press the SET button to apply selected mode.

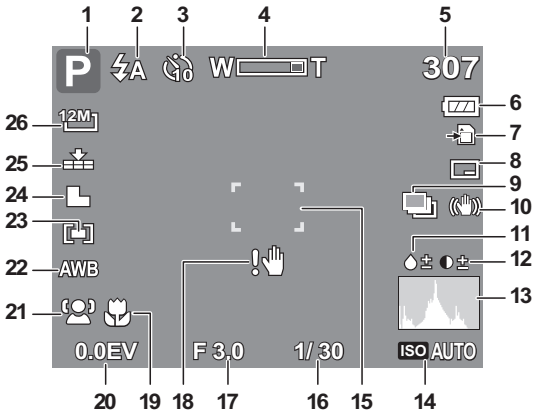


Note

Use the 4-way navigation control to move through the menu selections.

LCD Monitor Layout and Icon Descriptions

Shooting Mode Screen Layout



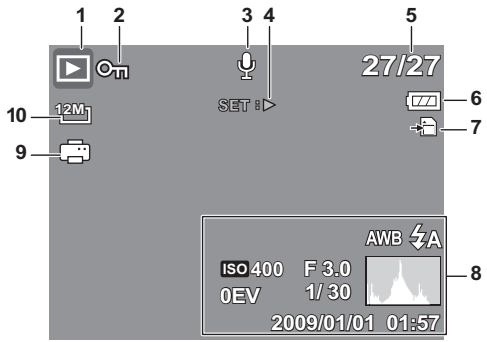
No.	Item	Description
1	Shooting mode	Indicates the current capture/scene mode. Please see pages 33 thru 36 for additional details.
2	Flash	Indicates flash settings. Please see page 24 for additional details.
3	Self-Timer/Burst	Indicates Self-Timer/Burst settings.
4	Zoom indicator	Displays zoom. Please see pages 22 and 23 for additional details.
5	Shots remaining	Indicates the remaining shots available.
6	Battery	Indicates battery level.
7	Storage media	Indicates current storage media in use.
8	Date & Time Imprint	Indicates date & time imprint is enabled. Please see page 49 for additional details.
9	Auto Exposure Bracketing (AEB)	Indicates AEB function is enabled. Please see page 44 for additional details.

No.	Item	Description
10	Stabilizer	Indicates stabilizer function is enabled. Please see page 21 for additional details.
11	Saturation	Displays saturation settings.
12	Contrast	Displays contrast settings.
13	Histogram	Displays the darkest and brightest values, corresponding to black and white respectively.
14	ISO	Displays ISO settings.
15	Displays focus area settings	Use to frame subject to capture.
16	Shutter speed	Displays shutter speed settings.
17	Aperture value	Displays aperture settings.
18	Shake warning	Indicates that the camera is shaking.
19	Macro	Indicates macro is enabled. Please see page 24 and 25 for additional details.
20	Exposure	Displays exposure settings. Please see page 42 for using manual exposure mode.
21	Face tracking	Indicates face tracking is enabled. Please see pages 40 for additional details.
22	White balance	Displays white balance settings. Please see page 28 for additional details.
23	Metering	Displays metering settings. Please see page 30 for additional details.
24	Sharpness	Displays sharpness settings. Please see page 45 for additional details.
25	Quality	Displays quality settings. Please see page 27 for additional details.
26	Resolution	Displays resolution settings. Please see page 27 for additional details.

Playback Mode Screen Layout

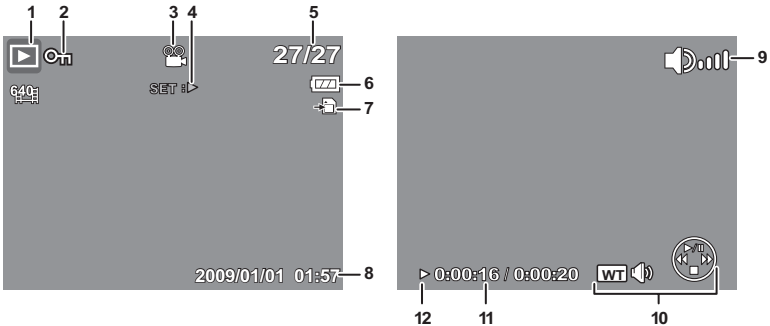
The Playback mode display varies depending on the type of image being viewed.

Playback mode display of still images:



No.	Item	Description
1	Playback mode	Indicates playback mode.
2	Protect	Indicates file is protected. Please see page 66 for additional details.
3	Voice memo	Indicates voice memo is attached. Please see page 68 for additional details.
4	Button intro	Indicates the button to press on the camera to play a video or audio file.
5	File Number	Indicates the current image file number and the total files in the camera.
6	Battery	Indicates battery level.
7	Storage media	Indicates storage medium in use.
8	Recording information	Displays the image details of the current file.
9	DPOF	Indicates the file is marked for printing. Please see page 73 for additional details.
10	Resolution	Displays the resolution settings. Please see page 27 for additional details.

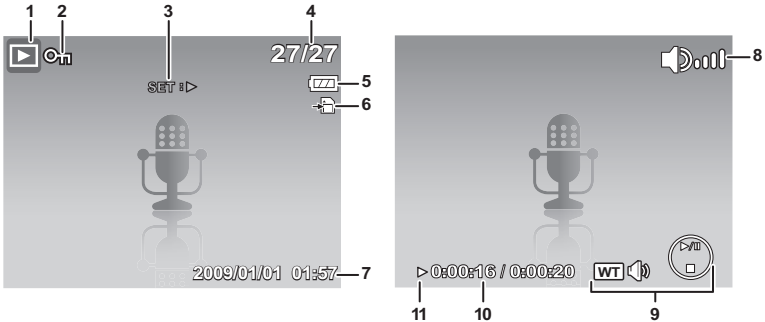
Playback mode of videos:



No.	Item	Description
1	Playback mode	Indicates playback mode.
2	Protect	Indicates file is protected.
3	Video clip	Indicates the file is a video.
4	Button intro	Indicates the button to press on the camera to play a video or audio file.
5	File Number	Indicates the current image file number and the total files in the camera.
6	Battery	Indicates battery level.
7	Storage media	Indicates SD memory cad in use . Indicates internal camera memory is in use .
8	Shooting information	Displays the image details of the current file.
9	Volume	Indicates volume settings.

No.	Item	Description
10	Key indicator	Indicates the buttons to press on the camera to apply the functions.
11	Played time	Indicates played time.
12	Playing status	Displays playing status.

Playback mode of audio clips:

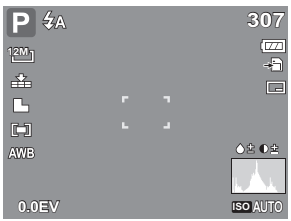


No.	Item	Description
1	Playback mode	Indicates playback mode.
2	Protect	Indicates file is protected.
3	Button intro	Indicates the button to press on the camera to play a video or audio file.
4	File no. / Total no.	Indicates the file number over the total number of files in the storage card.
5	Battery	Indicates battery level.
6	Storage media	Indicates used storage memory.
7	Shooting information	Displays shooting information of the file.
8	Volume	Indicates volume settings.
9	Key indicator	Indicates the buttons to press on the camera to apply the functions.
10	Played time	Indicates played time.
11	Playing status	Displays playing status.

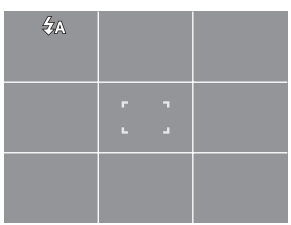
Changing the LCD Monitor Display

The type of information displayed on the LCD screen can be changed using the button.

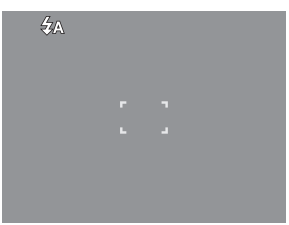
OSD on



Full OSD on



Guide lines on



OSD off

Note

- The OSD information may vary depending on the shooting mode type.
- The following icons, if enabled, are still displayed on the LCD even when OSD off or Guide lines on: AEB, Face tracking, Self-Timer/Burst, and Macro.
- Use the "Guide lines" to properly set image for capture. Typically, these guide lines are used to help vertical and horizontal alignment of the photograph.

In Playback mode, the LCD display can be changed into any of the following:

OSD on

Full OSD on

OSD off

Note

LCD display cannot be changed in the following situations:

- Manual exposure mode
- Recording video or audio clips
- Playing video or audio clips
- Playing slide show

Using Shooting Functions

Shooting Image

Taking Photos

1. Turn on the camera by pressing the button.
2. Frame the shot using the focus bracket on the LCD monitor. See Image 1.
3. Press the shutter button half-way down. The camera automatically adjusts the focus and exposure. When the camera is ready to take the photo, the frame bracket turns green, the shutter speed and aperture value are displayed See Image 2.
4. Fully press the button to capture image.

Image 1

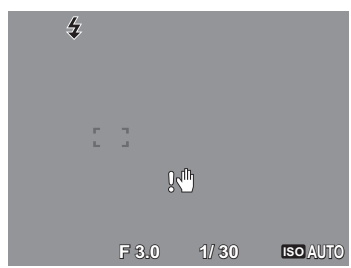


Image 2

Note

When the shake warning icon appears, hold the camera steadily.

Using the Stabilizer

The Stabilizer function helps reduce blurred images caused by shaking.

1. Enable the Stabilizer in the Setup Menu as described on page 32.
2. Use the or keys to go through the selection.
3. Press the button to save and apply changes.

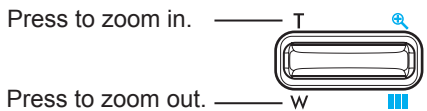
Note

- If Stabilizer is enabled, the stabilizer icon is displayed on the LCD monitor and the ISO setting is automatically set to Auto.

Setting the Zoom Control

Your camera features up to 5X optical zoom and up to 5X digital zoom. Optical zoom is achieved by mechanically adjusting the lens. While digital zoom is activated through the menu settings.

Zoom buttons



To adjust Digital Zoom options:

1. Press in shooting mode, and activate digital zoom, see Image.
2. Activate digital zoom.
3. Press the **T** button to optically zoom in to the maximum until it stops.
4. Release the button.
5. Press the **T** button again to switch to digital zoom automatically. Zooming continues.

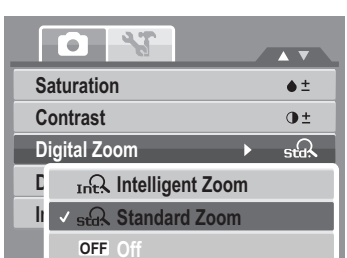
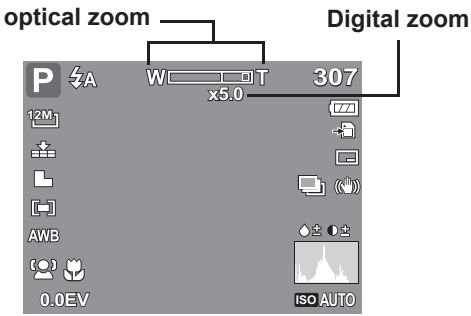


Image1



To adjust Optical Zoom:

1. Press the to zoom in out.
2. The zoom indicator appears on the LCD monitor .

Note

Digital zoom is not activated in recording video.

Using Flash

When taking pictures in difficult lighting conditions, use the button to get correct exposure. This function cannot be activated in recording video or continuous shooting.

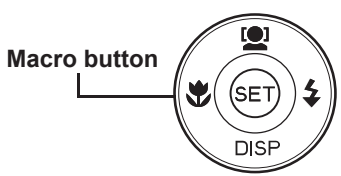
Note

Flash function is only available in shooting still images but not available in Burst and AEB modes.

Setting the Focus Mode

To set the Focus mode:

- Press the button repeatedly until the desired focus mode icon is displayed on the lower left corner of the LCD monitor.



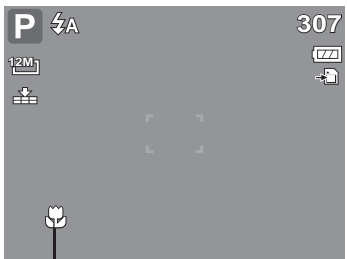
Your camera supports the four focus modes:

Normal. With normal focus, the focus range starts from .8 meters (~ 2 ½ feet). When the camera is set to normal mode, there is no icon displayed on the screen.

Macro. This mode is designed for close-up photography. If Macro is enabled, you can capture the detail and sharpness of a very close image.

PF **Pan Focus.** The camera focuses on every object.

INF **Infinity.** The camera focuses on distant objects.



Macro enabled

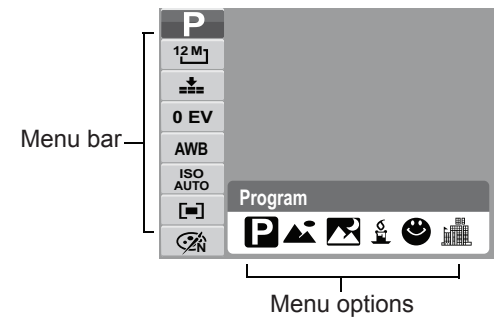
Using the Function Menu

The " Fn " is used to enter the My Menu mode for a quick setup of the latest six shooting/ scene modes that were selected.

Fn

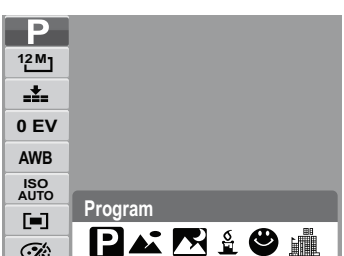
- Press to launch the My Menu mode.
- Press again to close the menu.

- The My Menu options bar (as shown in the image to the right) displays the last six shooting/scene modes that were selected.
- The Menu bar (as shown in the image to the right) displays the available options for each selected shooting/scene mode.



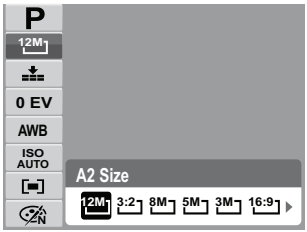
Shooting Mode

It shows the selected mode from Menu options bar.



Resolution

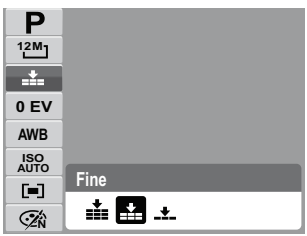
The Resolution setting is used to set the resolution before you capture the image. The higher the resolution, the more memory space is required.



Quality

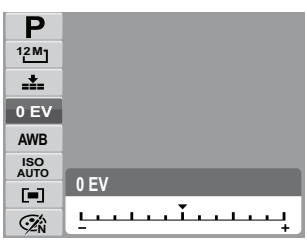
The quality setting lets you adjust the quality level of your photos before you capture them. However, the higher the quality, the more memory space is required in your memory card. The available settings for still images are as follows:

Best Fine, and Normal.



EV Compensation

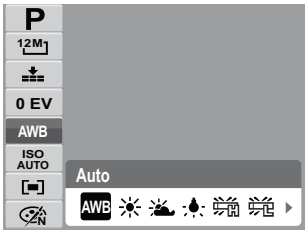
In extreme lighting condition, the auto exposure function may not set for the correct exposure for optimal picture quality. The manual 0 EV option allows you to adjust the exposure value to the desired level. Available for still images only.



- To adjust EV settings, press the or key to increase/ decrease the value. Press the SET button to save and apply changes.
- The available settings are: 0EV, +0.3EV, +0.7EV, +1.0EV, +1.3EV, +1.7EV, +2.0EV, -0.3EV, -0.7EV, -1.0EV, -1.3EV, -1.7EV, -2.0EV.

White Balance

The White Balance setting allows you to adjust the image color temperature according to the ambient light condition when recording the still images and video.

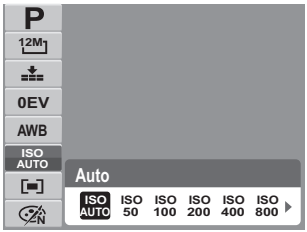


Icon	Item	Description
AWB	Auto	The camera automatically adjusts the white balance.
	Sun	Ideally used for bright sunny conditions.
	Cloudy	Ideally used for cloudy conditions.
	Tungsten	Ideally used for indoor photos with tungsten or halogen lighting without a flash.
	Fluorescent H	Ideally used for indoor photos with blue-tinted fluorescent lighting.
	Fluorescent L	Ideally used for indoor photos with red-tinted fluorescent lighting.
	Manual	Used when light source cannot be specified. Press the shutter button for the camera to be pointed at a white object and adjust the appropriate white balance setting automatically according to the environment.

ISO

The ISO function lets you adjust the ISO sensitivity in recording still images depending on the lightning levels of your surroundings.

- Use a higher ISO setting in dim conditions and a lower ISO setting in brighter conditions.
- Available settings are: Auto, 50, 100, 200, 400, 800, 1600, 3200 (ISO 3200 only available in 3M, 16:9<2M>, & VGA).



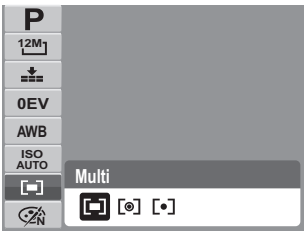
Note

If the Stabilizer is enabled, ISO is automatically set to Auto and cannot be adjusted. To adjust ISO, disable Stabilizer first.

Metering

The Metering function lets you select the area of the subject or frame by which the camera measures light to record still images or video.

- As you move through the selection, the preview on the LCD monitor changes synchronously.

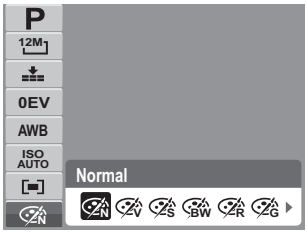


Icon	Item	Description
	Multi	The camera measures the exposure readings from multiple points in the subject area.
	Center	The camera measures the average light from the entire frame but gives more importance to the values near the center.
	Spot	The camera selects the exposure value based on the center of your picture.

Color Mode

The Color Mode function lets you record still images or video and apply different colors or tones for a more artistic effect Tinting an images color can make them appear more vivid.

- As you move through the selection, the preview on the LCD monitor changes synchronously.



Icon	Item	Description
	Normal	The camera records normally.
	Vivid	The camera captures the image with more contrast and saturation emphasizing on the bold colors.
	Sepia	Images are captured in sepia tones.
	B&W	Images are captured in black and white.
	Vivid Red	Images are tinted red. Ideally used to record images like flowers and cars to make them more vivid.
	Vivid Green	Images are tinted green. Ideally used to record images like mountains and lawns to make them more vivid.
	Vivid Blue	Images are tinted blue. Ideally used to record images like the sky and the ocean, to make them look more vivid.

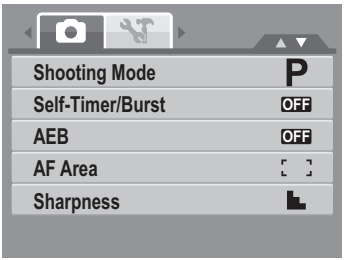
Shooting Menu

If you are in shooting mode, you can access the Shooting menu simply by pressing the button on your camera.

When the menu is displayed, use the 4-way navigation control and the button to move through menu selections and apply your desired settings. To close the menu anytime, press the menu button again.

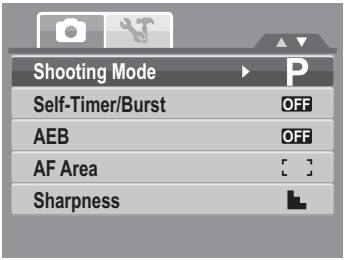
The Shooting menu allows you to change modes, and setup other capture settings.

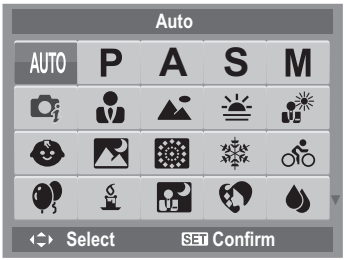
1. Press to launch the Shooting Menu.
2. Use the or key to move through the menu selections.
3. To select an item, press .
4. Change the submenu settings using the 4-way navigation control.
5. Press the button to save and apply settings.



Setting the Shooting Scene Mode

Setting the Shooting Scene mode allows you to capture images with preset settings according to the scenes or environment.





Icon	Item	Description
AUTO	Auto	The simplest way to shoot basic images. Settings are adjusted automatically. This mode is recommended for beginners.
P	Program	The camera automatically adjusts suitable shooting settings like shutter speed and aperture values. However, this mode allows for manual changes in EV, Auto White Balance, ISO (gain), Metering, and Color.
A	Aperture Priority	This mode allows manual adjustment to the aperture value. The camera automatically selects the shutter speed to match the brightness. See Page 41 for details.
S	Shutter Priority	This mode allows manual adjustment to the shutter speed. The camera automatically selects the aperture value to match the brightness. See Page 41 for details.
M	Manual Exposure	This mode allows manual adjustment to the shutter speed and aperture value regardless of brightness. This is recommended for experienced users only. See Page 42 for details.
	Intelligent Scene	The camera detects the shooting conditions and automatically selects from eight scene modes that match. See pages 38 thru 39 for additional details.

Icon	Item	Description
	Portrait	This scene mode will attempt to isolate the subject by opening a wide aperture to blur the background and providing little depth of field. The the subject will stand out because the background is blurry and the subject is in focus.
	Landscape	This feature is used to emphasize wide scenic views.
	Sunset	This feature enhances the red hue for recording sunset images.
	Backlight	This feature is used to capture the image of a backlight object by changing the metering.
	Kids	This feature is used to capture still images of children.
	Night Scene	This scene mode is used to capture images with night scenery background. For best results and to reduce image blurring, the use of a tripod for this mode is strongly recommended.
	Fireworks	This feature slows shutter speed to capture fireworks explosions. For best results and to reduce image blurring, the use of a tripod for this mode is strongly recommended.
	Snow	This scene mode is used when you’re shooting against a bright background, such as snow or sand. This will enable the camera to focus on the subject instead of the background to determine the proper exposure setting. If not selected, the subject may be too dark because of the bright background.
	Sports	This scene mode will continue to capture images as long as the shutter button is depressed. This is designed to aid for subjects in motion.
	Party	This scene mode will set red-eye flash and narrow other parameters that best match typical indoor wedding/party conditions.

Icon	Item	Description
	Candlelight	This feature is used to capture warm candle light effects.
	Night Portrait	This scene mode uses the flash and will leave the shutter open longer to get more ambient light from the background. This will help reduce typical flash pictures where the subject does not have a black/dark background. Ideally, you should have more detail in the background. For best results and to reduce image blurring, the use of a tripod for this mode is strongly recommended.
	Soft Skin	This scene mode will set red-eye flash and other camera parameters to enhance skin tones.
	Soft Flowing Water	This feature enhances smooth effects like water or silk.
	Food	This scene mode is designed to capture pictures of food. The Camera is set to macro mode focus and other parameters to increase saturation for enticing food images.
	Building	This feature enhances the edges of captured images.
	Text	This scene mode enhances the black and white contrast normally used when capturing text images.
	Auction	Pictures taken in Auction mode are automatically saved under a specific folder named "_AUCT".
	Smile Capture	This feature uses face tracking to auto detect faces to capture. When smiles are detected, it continuously captures the image.
	Blink Detection	This feature detects if the subject blinked an eye when the image is captured and gives the user an option whether to save it or not.

Icon	Item	Description
	Pre-composition	This feature captures a image temporarily as a reference. Full press shutter after referring the subject to the reference point.
	Couples Portrait	This feature uses face tracking to auto detect faces to capture portraits photos without the help of others. When over two faces are detected, AF is automatically activated. The camera starts count down and captures a picture in two seconds.
	Video	This mode is used to record video clips. Slide the mode selector switch to the Video icon to enable this mode.
	Voice REC	This mode is used to record audio clips. Slide the mode selector switch to the Voice Record icon to enable this mode.

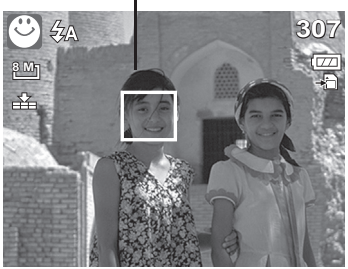
- Using Smile Capture Mode

The Smile Capture mode uses smile tracking to automatically capture images. This feature is most useful in capturing different angles and smiles of moving people. When capturing an image with more than one person, the camera detects the smile of the closest person on the center of the screen.

To activate Smile Capture

1. Select from the Scene Mode submenu.
2. Focus the camera on the subject to capture.
3. The smile capture icon blinks every second and the white focus frame turns green to denote camera activity.
4. When a smile is detected, the camera will automatically take a shot of the image.

The camera displays a white frame when a face is detected.



Note

When capturing an image with more than two faces, this mode may take additional time to track and capture.

- Using Intelligent Scene Mode

With the Intelligent Scene Mode, the camera automatically detects the shooting conditions and switches to the appropriate scene and settings when aiming on a subject. This feature is most useful for novice users; capturing great images even with basic photography skills.

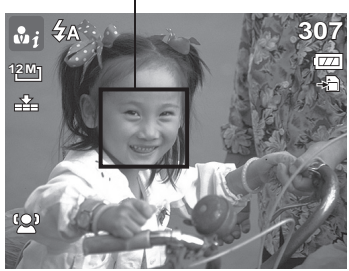
Intelligent scene icon. After the camera detects the shooting conditions, this icon changes to show the detected scene mode.

Face tracking is automatically enabled.

To activate Intelligent Scene

1. Select from the Scene Mode submenu.
2. Focus the camera on the subject to capture.
3. The camera detects the shooting conditions and switches to an appropriate scene mode.
4. Press the shutter button half-way down to focus the subject. The frame turns green to indicate focus is set.
5. Press the shutter button to take the shot.

The camera displays a solid white frame when a face is detected.



Note

When Intelligent Scene function is enabled, icons will be displayed even in Guideline, None Display modes and when press the shutter button half-way down.

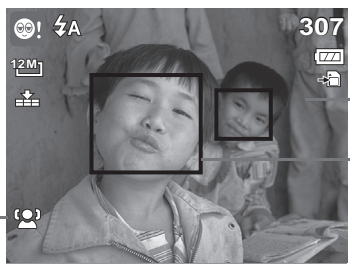
The table below shows the modes supported by Intelligent scene:

Icon	Intelligent Scene Modes	Description
	Portrait	This mode is set when a face is detected.
	Landscape	This mode is set when: • There is no face detected. • The focus distance is more than 1.5 meters. • The EV setting is greater than 11 or 10.5.
	Sunset	This mode is automatically set when sunset lighting is detected.
	Macro	This mode is set when: • There is no face detected. • The focus distance is within the macro range. This mode can only be detected when you press the shutter button half-way down.
	Backlight	This mode is set when the EV setting greater than 2.5.
	Backlight Portrait	This mode is set when a face is detected with an EV setting greater than 2.5.
	Night Scene	This mode is set when: • There is no face detected. • The focus distance is more than 1.5 meters. • The EV setting is lower than 5 or 4.5.
	Night Portrait	This mode is set when a face is detected with an EV setting lower than 5 or 4.5.

- Using Blink Detection Mode

The Blink Detection mode tracks faces and determines if the captured image contains subjects with closed eyes. A menu selection will appear prompting save the image or not. This mode saves time in managing photos to be stored or deleted from memory.

1. Select from the Scene Mode submenu.



Detected faces are framed.

Face tracking is automatically enabled.

2. Press the shutter button half-way down to focus the subject. The frame turns green to indicate focus is set.
3. Press the shutter button to capture the image. The image is automatically saved unless the camera detects that the subject blinked:

4. Select **Save Image** to save or **Cancel** to disregard.

- Using Aperture Priority Mode

Aperture Priority mode, allow users can adjust the aperture value. The camera automatically sets the shutter speed to match the brightness of the scene. To manually change the aperture value, press the SET button, then use the **A** to manually adjust the value. When finished, press the SET button to confirm setting.

Displays the aperture value

- Using Shutter Priority Mode

Shutter Priority mode, allow users adjust the shutter speed. The camera automatically sets the aperture value to match the brightness of the scene. To manually change the shutter speed, press the SET button, then use the **A** to manually adjust the speed. When finished, press the SET button to confirm setting.

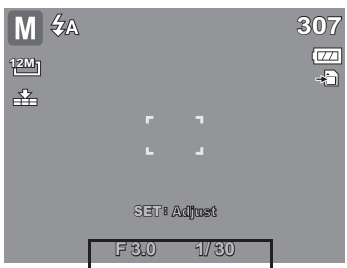
Displays the shutter speed value

- Using Manual Exposure Mode

With Manual Exposure mode, users can manually adjust the shutter speed and the aperture value.

To activate Manual Exposure

1. Select M from the Scene Mode submenu.
2. Press SET button to enter the adjust mode.
3. Use the ▲ or ▼ keys to select the shutter speed options or Use the ◄ or DISP keys to select the aperture value options.
4. Use the ◄ or DISP keys to increase or decrease the aperture or shutter speed values.
5. Press the SET to exit the adjustment mode.
6. Press the shutter button to capture the image.



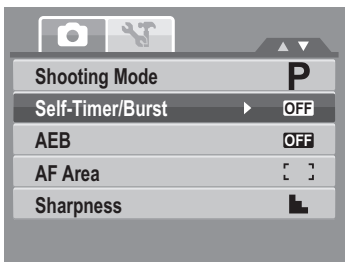
Displays the aperture and shutter speed value

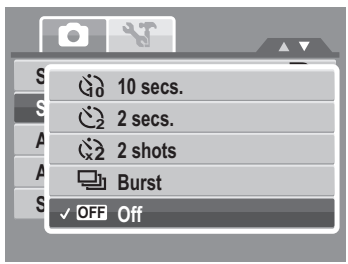
Note

Pressing the shutter button half-way will also display, the difference between the correct and selected exposure is (in red text).

Setting the Self-Timer/Burst

This camera features a Self-Timer and Burst which can be set in the Self-Timer/Burst function in the Shooting Menu. The Self-Timer allows you to take photos after a pre-defined delay. While burst lets you take consecutive shots. This feature is only available in Shooting mode. The Self-Timer/Burst setting is reset to off when the camera is powered off.



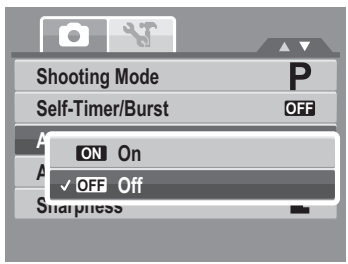


Icon	Item	Description
	10 Secs. Self-Timer	Sets a 10 seconds delay to capture image after pressing the shutter button.
	2 Secs. Self-Timer	Sets a 2 seconds delay to capture image after pressing the shutter button.
	2 Shots Self-Timer	Performs delay and capture twice: • Performs a 10-second delay, and then captures the image. • Performs another 2 seconds delay and then captures the image again.
	Burst	Performs continuous shooting when the shutter button is pressed. Stops shooting when the shutter button is released.
OFF	Off	Captures an image without time delay.

Setting the AEB

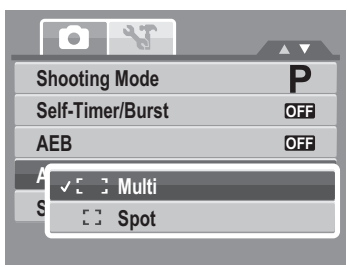
Enabling AEB (Auto Exposure Bracketing) will capture a photo with three different exposure settings.

- The the initial photo is taken at the pre-determined EV setting, followed by the next photo captured at -0.3EV. The final photo is then captured at +0.3EV.
- The AEB setting is reset to off when the camera is switched out of Photo Record mode or is powered off.



Setting the AF Area

This camera has 2 AF (Automatic Focus) settings. Each setting changes the focus behavior of the camera.

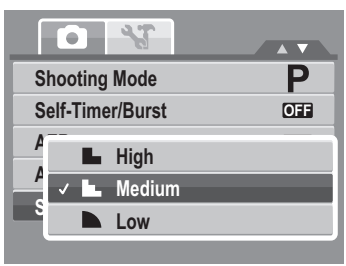


The table below shows the available AF area settings.

Icon	Item	Description
	Multi	The camera automatically selects focus area within the wide frame.
	Spot	The focus area is fixed on the center spot.

Setting Sharpness

These settings will enhance or soften details of the photo.

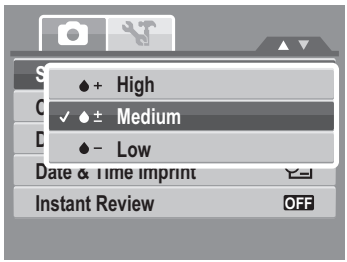


The table below shows the available Sharpness settings.

Icon	Item	Description
	High	Sharpens the image.
	Medium	Medium sharpness.
	Low	Softens the image.

Setting Saturation

The Saturation setting will allow adjustment to the color saturation of the photo. Using a higher saturation setting for rich colors and a lower setting for muted tones.

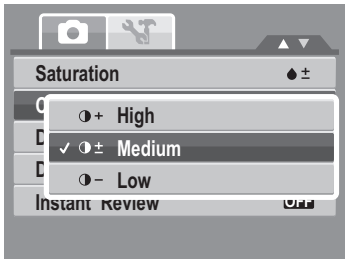


The table below shows the available Saturation settings.

Icon	Item	Description
+	High	Enhances saturation.
±	Medium	Medium saturation is applied.
−	Low	Reduces saturation.

Setting Contrast

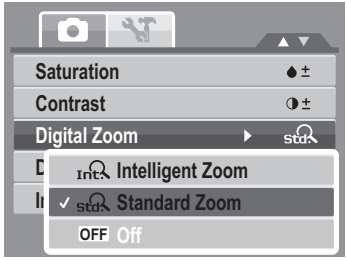
These settings allow for adjustment to the contrast of a photo.



Setting the Digital Zoom

This feature controls the digital zoom mode of your camera.

This camera uses Optical Zoom before Digital Zoom. When the optical zoom reaches 5X, the camera will utilize digital zooming if enabled. Digital Zoom is set to Off by default.



The table below shows the available Digital Zoom settings.

Icon	Item	Description
	Intelligent Zoom	Enlarges the image digitally with almost no distortion. This feature is available for still images only.
	Standard Zoom	Enlarges all image sizes up to a maximum of 5x, but the image quality deteriorates.
	Off	Uses the optical zoom only.

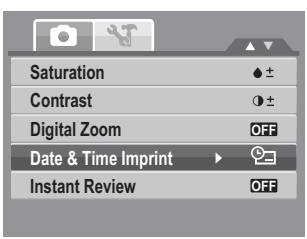
- Digital Zoom is not available in Smile Capture, Video, Intelligent Sence, Portait, Night Portait, Blink Detection, Love Portait modes and Voice Recording modes.
- The maximum Intelligent zoom scale varies depending on the image type and resolution.

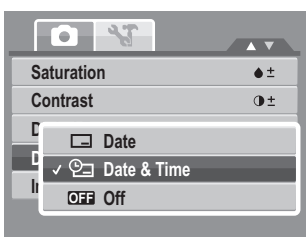
Setting the Date & Time Imprint

Enabling the Date & Time Imprint function will add the recorded date and time on photos.

The recording date and time are based on the camera's clock settings. Once date and time are imprint on a photo, they can no longer be edited or deleted. Limitations of Date & Time Imprint functions are as follows:

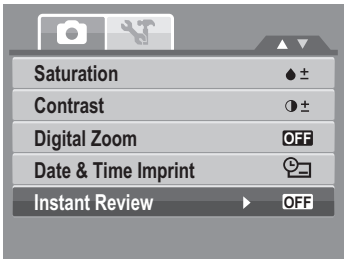
- Available for still images only.
- May slow down AEB/ continuous shooting when Date & Time Imprint is enabled in /AEB/ Burst mode.
- If Date & Time Imprint is enabled, digital zoom is automatically turned off.
- In vertical or rotated images, the date and time on your photos still appear horizontally.

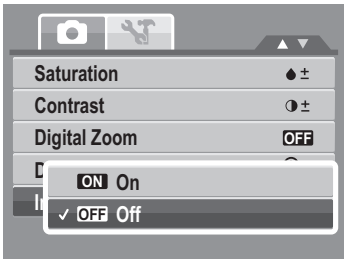




Setting Instant Review

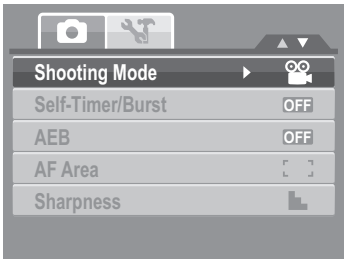
Enabling the Instant Review function will display the captured photo immediately after shooting it for 1 second.

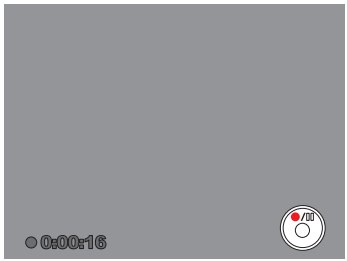




Recording Videos

You can record videos with the camera, the available recording time depends on the capacity of the memory card. Videos can be recorded until the maximum memory capacity has been reached.





Note

- When the maximum capacity for a single video has been reached, simple press the shutter button again to continue recording.
- The camera will automatically stop recording when the memory capacity is full.
- Digital zoom is not available in video recording.
- Sound cannot be recorded while pressing the control.
- Auto Power Off is not available in video recording or pause recording.

Setting the Video Quality

The Video Quality function icon appears only in Video Record. Press the Fn button to bring up the video quality options as shown below. Use this function to adjust the resolution and quality of video clips.

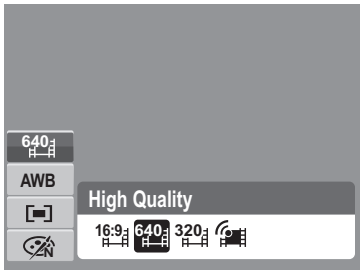


Image Quality Matrix

The higher the image quality, the higher the amount of the data used per second (average bit rate), the smoother the playback video.

Video Quality	Average Bit Rate
720 x 400	4.8Mbps
640 x 480	4.8Mbps
320 x 240	4Mbps

YouTube Mode

The YouTube Mode allows you to record videos with predefined video settings for easy upload to the YouTube website.

YouTube supports two file upload standards:

- Single File Uploaded. The maximum video file size is up to 100 MB.
- YouTube Uploaded. The maximum video file size is up to 1 GB.

Most uploaded video lengths range 1 to 5 minutes. Therefore when recording video using the YouTube mode, the following applies:

- Recorded videos are set to YouTube standard resolution of 640 X 480.
- Recording automatically stops when the file reaches 100 MB.

Recorded videos in the YouTube mode are stored following the DCF rule, however videos are saved in a specific folder named "_UTUBE".

- To record a YouTube videos, select from the Video Quality function. Available recording time for a YouTube is up to 10 minutes.

Recording Voices

1. From the Shooting mode menu, select **Voice**. The Voice Recording screen layout is displayed on the LCD monitor.
2. Press the button to start recording.
3. Press the button again to stop recording.

Note

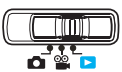
Voice recording will automatically stop when the maximum memory capacity is full.

Using the Viewing Functions

View images, videos and audio clips through your camera's Playback mode.

Viewing in Single Navigation

The single navigation mode displays the image one by one on the LCD monitor. To view images/videos/audio clips, follow the steps below.

Adjust the Mode switch  to set or turn on the camera to Playback mode.

Still Image

Video

Audio Clip

Viewing thumbnails

1. Press the **W** button to view 9-image thumbnails.
2. Use the navigation controls to move through the items.
3. Press the (SET) button to select the image and view it normally.

Thumbnail view

Scroll bar. If scroll bars appear, it indicates that the screen can be scrolled.

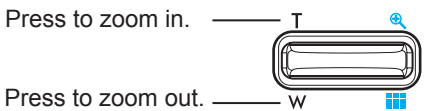
Thumbnail icons

When you view the thumbnails, some images may contain icons. These icons indicate the type of file or recording.

Icon	Item	Description
	Voice Memo	Indicates that a voice memo is attached to the image.
	Video	Indicates a recorded video. The image displayed is the first frame of the video clip.
	Locked File	Indicates that the image has been locked. Locked files cannot be edited or deleted.
	Voice Record	Indicates a voice recording file.
	File Error	Indicates an error file. Image or video files that are not taken by this camera or edited by computer may not be recongnized.

Zooming images

The zoom view function works with still images only.



- In normal view, push the zoom control up until desired zoom view.
- The 4 arrows on the LCD monitor indicate that the image is zoomed in.
- Press the M button to close zoom view.

Playing Videos

1. Set the camera to Playback mode.
2. Use the navigation controls to scroll through the saved videos.

3. During playback, use the to control volume. Press the **T** button to increase volume. Press the **W** button to decrease volume.
4. Press the DISP key to pause playback. Press the key again to resume. When paused, the play info will remain on screen except WT.

Note

- The play info, except the WT icon, will be displayed when the video is paused, during REW/FF or frame by frame modes.
- Volume cannot be adjusted when paused or during REW/FF modes.

To capture screenshot image from a video clip

1. During playback of video, press the key to pause playback on your desired video frame to capture.
2. Press the button to capture screenshot.
3. The camera will automatically stop playback. The LCD monitor displays the captured image in Single navigation mode.

Note

This feature does not function when the memory card is full or the folder cannot be created. The icon does not appear on the screen either.

Playing Voice Recording

1. Set the camera to Playback mode.
2. Use the navigation controls to scroll through the saved images. When viewing a voice recording file, the LCD monitor displays the screen layout of Audio clips. See picture on the right.

3. Press the [ ] key to play the voice recording.
4. During playback, use the [T / W] to control volume. The volume icon appears on the screen. Press the **T** button to increase volume. Press the **W** button to decrease volume.
5. Press the [ ] key to pause playback. Press the [ ] key again to resume. When paused, the play info will remain on screen except WT.
6. Press the [DISP] key to stop the playback. The LCD monitor displays the image in Single navigation mode.

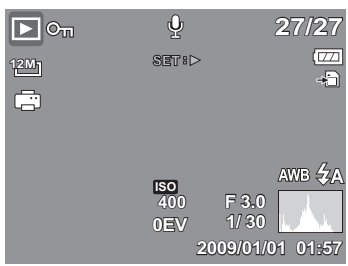
Note

Volume cannot be adjusted during pause or REW/FF modes.

Playing Voice Memo

Voice memo is separately recorded and attached to a captured image.

1. Set the camera to Playback mode.
2. Use the navigation controls to scroll through the saved images. An image file with voice memo has a voice memo icon located on the top center of the LCD monitor. See picture on the right.
3. Press the key to play the voice recording.
4. During playback, use the to control volume. Press the **T** button to increase volume. Press the **W** button to decrease volume.
5. Press the key to pause playback. Press the key again to resume. When paused, the play info will remain on screen except WT.
6. Press the DISP key to stop the playback. The LCD monitor displays the image in Single navigation mode.



Note

Volume cannot be adjusted when you pause the voice memo.

Deleting an Photo/Video/Audio

There are two ways to delete an photo/video/audio:

- Using the **Delete** button, or
- Using Playback Menu Delete settings.

Using the Delete Button.

Use the **Function** button on your camera to delete or mark an photo/video/audio clip for deletion.

Set the camera to Playback mode.

1. View photo/videos/audio clips in Single navigation mode.
2. Use the or key to scroll the display.
3. When the desired photo/video/audio clip is displayed on the LCD monitor, press the Delete button.
4. A confirmation selection appears on screen.
5. Select **Delete**.
6. Press the SET button to delete.

Note

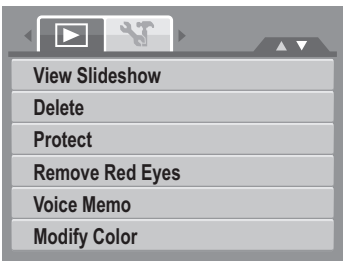
Locked files cannot be deleted at any time. When you try to delete a locked file, the camera displays "File Locked" message on the LCD monitor.

Playback Menu

The Playback menu allows you to edit images, record voice memo, and setup playback settings.

To go to Playback Menu:

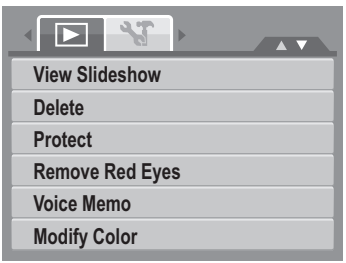
1. Set the camera to Playback mode.
2. Press M to launch the Playback Menu.
3. Change the submenu settings using the 4-way navigation control.
4. Press the SET button to save and apply settings.



View Slideshow

The view slideshow function allows you to view all stored photos/videos in still image format in a continuous sequence.

To view slideshow:



1. From the Playback menu, select View Slideshow. The Slideshow menu appears.
2. Set the slideshow settings.
3. Select **Start**, and then press the SET button to start the slideshow.
4. During slideshow, press the SET button to pause slideshow.
5. Use the [ ] or DISP key t to move through the options. Select whether to **Continue** or **Exit** the slideshow.
6. Press the SET button to apply selected option.

To change slideshow settings:

1. From the Slideshow menu, use the [ ] or DISP key to move through the selections.
2. Select Interval setting. Press the [ ] or [ ] key to adjust.
3. Select Transition setting. Press the key to adjust. Choose among the available transition settings:
   • Horizontal • Shrink • Fade • Random • Vertical
4. Select Repeat setting. Press the key to adjust. Available settings are: Yes, No.

Delete

The Delete function lets you remove unwanted files in the internal memory or on the memory card. Protected files cannot be erased, to delete, unprotect the file first. See "Protect Section".

To delete a photo/video/audio clip:

1. From the Playback menu, select **Delete**.
2. The Delete submenu is displayed on the LCD monitor. Select available settings:
   - **This image.** Select one file to delete.
   - **Voice Memo Only.** Delete only the attached voice memo, the image is retained in the memory.
   - **Multi-Images.** Select multiple files to delete at the same time.
   - **All.** Delete all files.

Protect

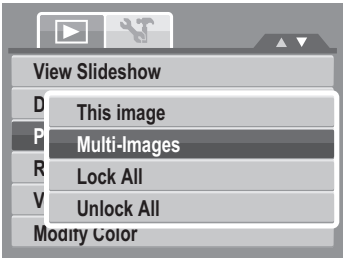
The Protect function lets you lock a photo or video to protect it from being modified or accidentally erased. A protected file has a lock icon when viewed on Playback mode.

To protect files:

1. From the Playback menu, select **Protect**.
2. The Protect submenu is displayed on the LCD monitor.

   Select available settings:

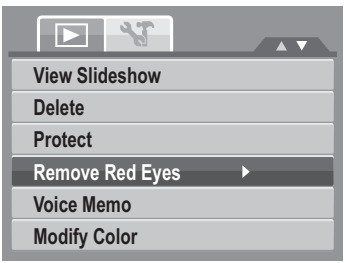
   - **This image.** Select one file to lock.
   - **Multi-Images.** Select multiple files from the thumbnail view to lock.
   - **Lock All.** Lock all files.
   - **Unlock All.** Unlock all files.



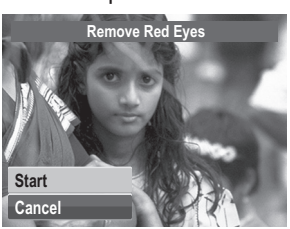
Remove Red Eyes

The function is used to reduce red eye in captured images. This function is only available for still images. It can be applied to an image several times, but the quality may gradually deteriorate.

1. Set the camera to Playback mode.
2. Press the or key to scroll and select an image.
3. Press the MENU button to launch the Playback menu.
4. Select **Remove Red Eyes**.
5. Select **Start**.
6. Press the SET button to start correction.



Steps 5 and 6



Step 7

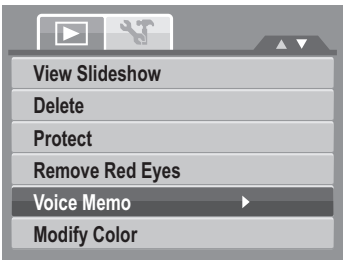
7. After completing Remove Red Eyes, a menu selection appears. Select whether to:
   - **Overwrite.** Save and replace the old file with the new one.
   - **Save Changes.** Save the new file as a new one.
   - **Cancel.** Cancel Remove Red Eyes.
8. Press the SET button to save/cancel changes.

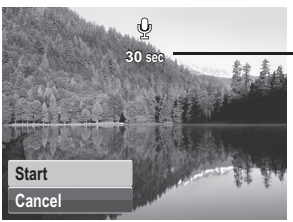
Voice Memo

The Voice Memo function allows you to record and attach a voice memo to a saved image. You can record a maximum of 30 seconds of Voice memo per image. This function is only available in still images.

To record voice memo:

1. Set the camera to Playback mode.
2. Press the or key to scroll and select an image to attach voice memo to.
3. Press the button to launch the Playback menu.
4. Select **Voice Memo**.
5. Select **Start**, and then press the SET button to start recording.





Time left (n seconds) for recording.

6. Select Stop, and then press the SET button to stop recording.

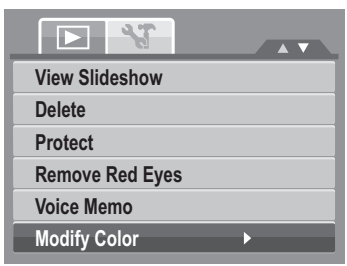
Note

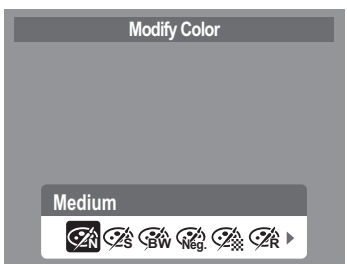
When you record voice memo to an image with an existing voice memo, the old recording is automatically changed to the new one.

Modify Color

This function allows adjustments to photos by applying different colors or tones for a more artistic effect. An edited photo using this function will be saved as a new file/photo.

1. Set the camera to Playback mode.
2. Press the or key to scroll and select an image to edit.
3. Press the button to launch the Playback menu.
4. Select **Modify Color**. The Photo Edit submenu appears.





5. Press the or key to scroll and select an option. As you move through the selection, the preview on the LCD monitor changes synchronously.

The succeeding table shows the available settings.

Icon	Item	Description
	Medium	No effect is added to the image.
	Sepia	Image is saved with a sepia tone.

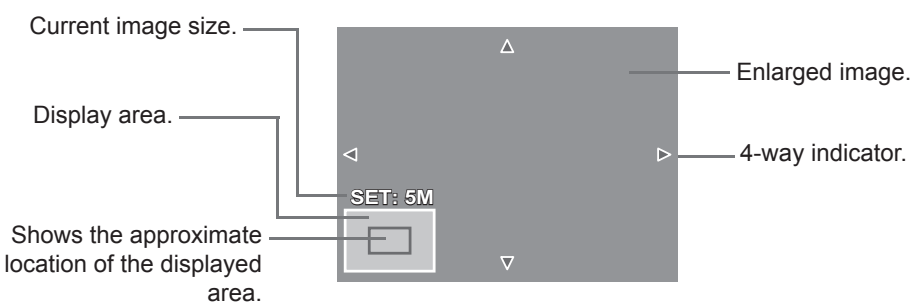
Icon	Item	Description
	B&W	Image is saved in black and white.
	Negative	Image appears to be the opposite of the original image.
	Mosaic	Image is saved with mosaic tiles.
	Vivid Red	Image is saved with reddish tint.
	Vivid Green	Image is saved with greenish tint.
	Vivid Blue	Image is saved with bluish tint.

Crop

The function allows you to trim an photo to another image size. This function is only available for still images.

To trim an image:

1. Set the camera to Playback mode.
2. Use the or key to scroll and select an image to trim.
3. Press the button to launch the Playback menu.
4. Select Crop. The Trim screen layout is displayed on the LCD monitor.
5. Use the control to change size. Use the navigation controls to move the position of the trimmed area.



6. Press the SET to save changes to the photo.

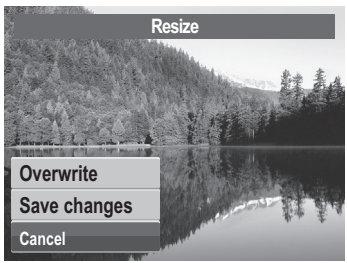
7. Three options are displayed. If Overwrite is selected, the original photo will permanently change to reflect the changes. If Saved changes is selected, a new photo file will be created leaving the original photo as is.
8. Select Cancel to abort any edits that were made and to exit the Crop function.

- Crop function is not available for photos with image size set to 3:2, 16:9, and VGA.
- All images will be trimmed in 4:3 ratio regardless of its original image ratio.

Resize

The Resize function allows you to change the photo resolution of large images to smaller ones. This function is only available for still images.

To resize an image:



1. Set the camera to Playback mode.
2. Use the key to scroll and select an image to resize.
3. Press the M button to launch the Playback menu.
4. Select **Resize**. The Resize submenu is displayed on the LCD monitor.
5. Select size among: 8M, 5M, 3M, and VGA. Available size settings may vary depending on original image size. Unavailable settings appear as gray icons in Resize submenu.
6. After selecting size, a menu selection appears. Select whether to:
   - **Overwrite.** Save and replace the old file with the new one.
   - **Save Changes.** Save the new file as a new one.
   - **Cancel.** Cancel resize.
7. Press the SET button to save/cancel changes.

Note

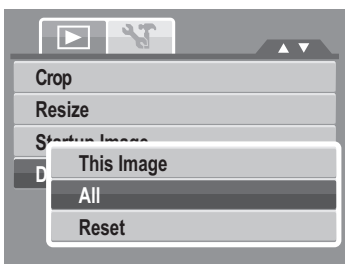
Resize function is not available for photos with image size set to 3:2, 16:9, and VGA.

DPOF

The Digital Print Order Format (DPOF) function allows you to mark image in your memory card for printing and allows you to specify the number of copies that you want to print at a later date. When all images to be printed are marked, take the memory card to a digital printing service, or use a DPOF compatible printer.

To set DPOF:

1. Press the M button to launch the Playback menu.
2. Select **DPOF**. The submenu appears. Available settings are as follows:
   - **This Image.** Select a single image to mark.
   - **All.** Mark all images in the memory card.
   - **Reset.** Reset all DPOF settings to initial default settings.



Note

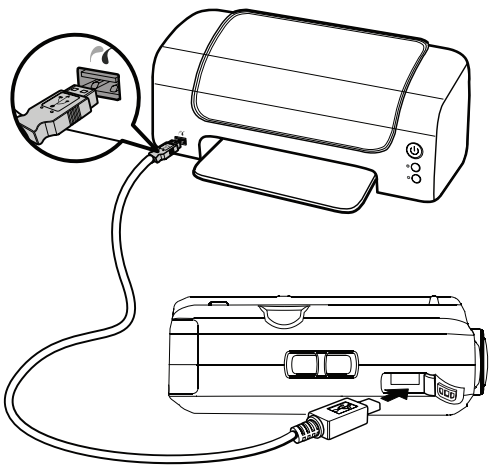
You can specify up to 99 copies for DPOF. If you specify 0 copies, the DPOF setting of that image is automatically disabled.

PictBridge

The PictBridge function allows you to print images captured by your camera without connecting the camera to a PC. Print images with a PictBridge compatible printer directly.

To activate PictBridge:

Connect your camera to a PictBridge compatible printer using the USB cable. See illustration below.



Note

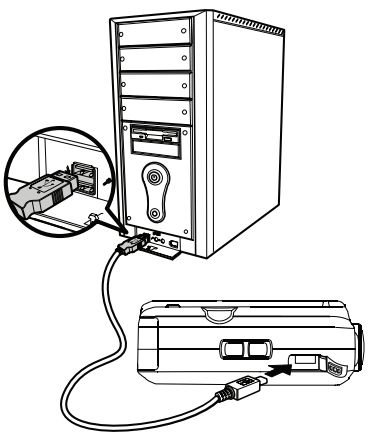
If the printer does not support date & time imprint, the date & time imprint function will be disabled in PictBridge.

Making Connections

Connecting the Camera to a PC

You can transfer photos, videos and audio files to your PC.

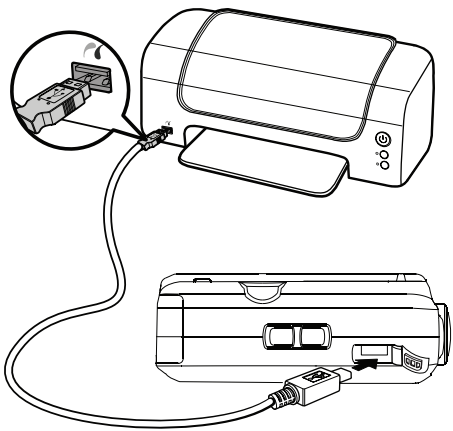
1. Connect the camera to a PC using the USB cable.
2. Turn on the camera.
3. The PC detects the connection. The internal memory of camera and memory card display as removable drives in the file manager. No image is displayed on the LCD monitor.



Connecting the Camera to a Printer

You can print your photos directly using a PictBridge compatible printer.

1. Turn on your camera.
2. Set PictBridge settings.
3. Connect the camera to the printer using the USB cable.



Troubleshooting

Problem	Cause and/or Action
Camera does not turn on.	The battery may be exhausted. Charge or replace the battery.
Camera turns off automatically.	Press any button except the Power button to turn on the camera.
LCD turns blank.	Press any button except the Power button to turn on the LCD.
Empty battery icon is displayed on the LCD, and then the camera turns off.	Battery is exhausted, please replace or recharge.
LCD screen displays 'No images in memory'.	The image file on the memory card. Image file format may not be supported.
LCD screen displays 'Not available for this file'.	Function is only available for specific file types. File format is not supported.
LCD screen displays 'Memory full'.	Memory card is full. Replace the memory card with a new one or delete unnecessary images.
LCD screen displays 'File locked'	This file is locked. Unlock the file.
LCD screen displays 'Card locked'.	The memory card is protected. Remove the card and slide the write-protect switch to it's unlock position.
LCD screen displays 'CARD HAS WRONG FORMAT'.	The memory card is protected. Remove the card and slide the write-protect switch to it's unlock position.
LCD screen displays 'Copy error'.	The memory card is protected. Remove the card and slide the write-protect switch to it's unlock position. The memory card is full. Replace card or delete unnecessary files.
The lens is extended and will NOT retract.	Do not force the lens to go back. The type of the battery used may be incorrect or the battery power level is too low. Change the battery or charge the battery before using the camera.

Getting Help

Should you have a technical support question or your HP Digital Camera require service within the warranty period, please contact the original point of purchase or an authorized HP reseller in your country. If service is not available at those locations, please contact an HP Branded Product warranty agent from the support contact list provided below. A service agent will work with you to troubleshoot your issue and if necessary, issue a Return Material Authorization (RMA) number in order to replace your HP Branded Product. For warranty claims, you will be required to provide a copy of your original dated sales receipt as proof of purchase and the issued RMA number. You will be responsible for shipping charges when shipping the product to the service center. The service agent will provide you with an address and you will also be responsible for any shipping charges to the warranty service center. Once your product is received by this service center, a replacement unit will be shipped back to you typically within 5 business days.

Contact/phone Support:	
Language	**Contact/phone Support:**
Chinese	simp.chinese@hpodd.com
	trad.chinese@hpodd.com
Deutsch	deutsch@hpodd.com
Dutch	hollands@hpodd.com
English	english@hpodd.com
Espanol	espanol@hpodd.com
Français	francais@hpodd.com
Italiano	italiano@hpodd.com
Japanese	nippon@hpodd.com
Korean	korean@hpodd.com
Portuguese	portugues@hpodd.com
Svensk	svensk@hpodd.com

Contact/phone Support:		
Country	**Language**	**Number**
Europe Region (EMEA)		
België	Dutch and German	+ 32 2700 1724
Français	French	+ 33 171230454
Deutschland	German	+ 49 6950073896
Ireland	English	+ 353 1850882016
Italia	Italian	+ 39 269682189
Netherlands	Dutch	+ 31 202015093
Espana	Spanish	+ 34 914533458
Switzerland	German/French/Italian	+ 41 18009686
UK	English	+ 44 2073652400
North America		
United States	English	1.866.694.7633
Canada	English and French	1.866.694.7633

Country	Language	City	Number
México	Español	Mexico City	52.55.1204.8185
		Guadalajara	52.33.1031.3872
		Monterrey	52.81.1107.2639
Venezuela	Español	Caracas	58.212.335.4574
Colombia	Español	Perú	57.1.508.2325
Perú	Español	Lima	51.1.705.6232
Chile	Español	Santiago	55.11.5504.6633
Brasil	Argentina	Sao Paolo	55.11.5504.6633
Argentina	Español	Buenos Aires	54.11.6091.2399

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