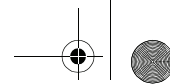


## User Guide

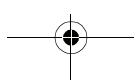
# INSIGNIA™

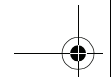
10 Megapixel Digital Camera  
NS-DSC10A and NS-DSC10B



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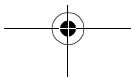
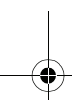
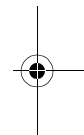
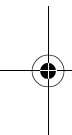


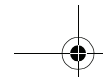


Contents



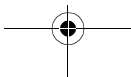
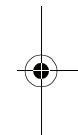
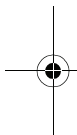
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**INSIGNIA™**

Contents





# Insignia NS-DSC10A and NS-DSC10B 10 Megapixel Digital Cameras

## Welcome

Congratulations on your purchase of a high-quality Insignia product. Your NS-DSC10A or NS-DSC10B is designed for reliable and trouble-free performance.

## Safety information



The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and maintenance (servicing) instructions in the literature accompanying your camera.

Before using the camera, please read and understand the safety precautions described below. Always make sure that you operate the camera correctly.

- Do not aim the camera directly into the sun or other intense light sources that could damage your eyesight.
- Do not try to open the camera body or attempt to modify this camera in any way. High-voltage internal components create the risk of electric shock when exposed. Maintenance and repairs should be carried out only by authorized service providers.
- Do not fire the flash too close to the eyes of animals or people, especially young children. Eye damage may result. Remain at least three feet (one meter) away from infants when using flash.
- Keep the camera away from water and other liquids. Do not use the camera with wet hands. Never use the camera in the rain or snow. Moisture creates the danger of electric shock.
- Keep the camera and its accessories out of the reach of children and animals to prevent accidents or damage to the camera.
- If you notice smoke or a strange odor coming from the camera, turn the power off immediately. Contact Insignia Customer Service at 1-877-467-4289 for assistance. Never attempt to repair the camera yourself.
- Use only the recommended power accessories. Use of power sources not expressly recommended for this equipment may lead to overheating, distortion of the equipment, fire, electrical shock, or other hazards.
- Do not swing the camera around by the strap.

## Features

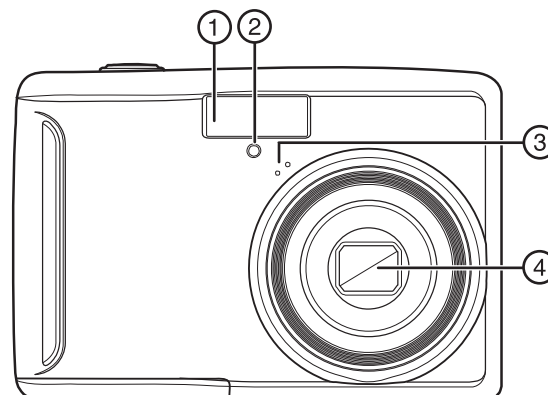
### Included

- 10 megapixel digital camera
- 2 AA Alkaline batteries
- Wrist strap
- USB cable
- User Guide CD
- Quick Start Guide

### Main features

- 10 megapixel resolution
- 3x optical zoom and 4x digital zoom
- 1/2.3 inch image sensor
- 2.5 inch color LCD monitor
- 32MB internal flash memory (about 20 MB available for photo/video storage)
- Supports SD cards up to 4GB, and SDHC cards up to 16GB
- Simplified user menus
- Slideshow feature to review your pictures and video
- USB port to transfer photos and video to your PC

### Front

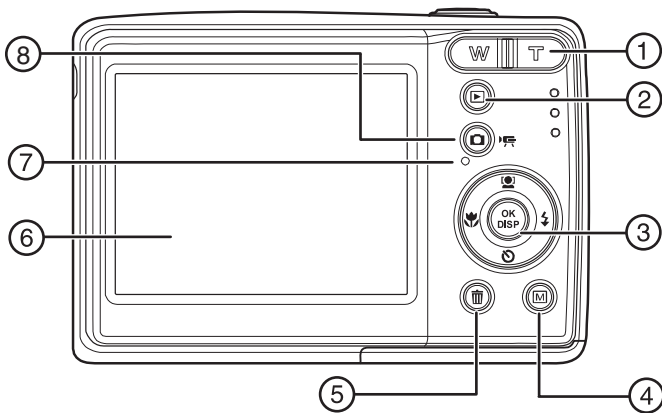






#	Component	Description
1	Flash	Lets you take photos in low-light conditions.
2	Self-timer LED	Flashes to indicate that the self-timer is activated.
3	Microphone	Used for recording audio during video capture.
4	Lens	Used for photo/video capture.

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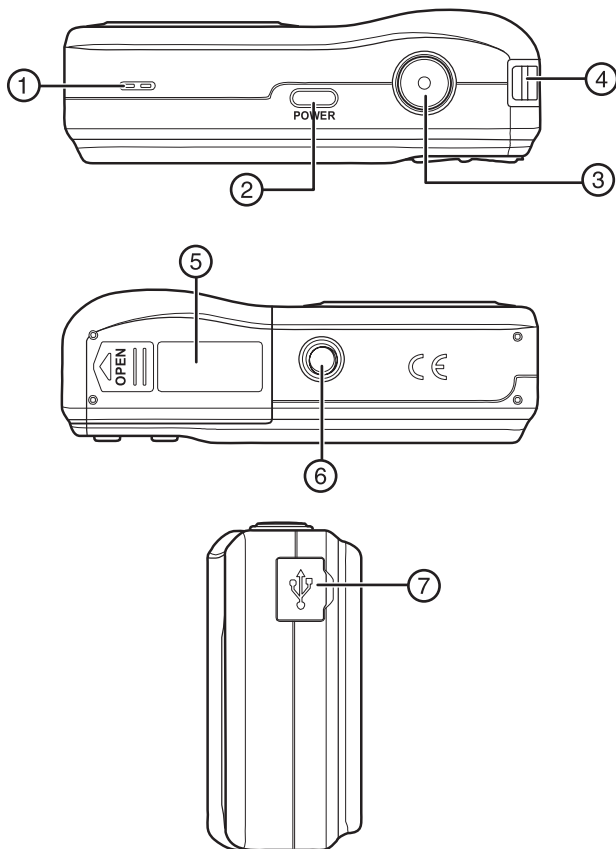
Insignia NS-DSC10A and NS-DSC10B 10 Megapixel Digital Cameras

**Back**



#	Component	Description
1	Zoom button	Press <b>T</b> to zoom in on a subject for telephoto photos/video, or press <b>W</b> to zoom out for wide-angle photos/video.
2	Playback button 	Press to view the photos/video you have taken.
3	OK/DISP and direction buttons	In RECORD or PLAYBACK mode, press to change the LCD monitor view. In menu mode, press to confirm your settings. Press the direction buttons to navigate the menus and change settings.
4	Menu button 	Press to open the camera menu system to let you change camera settings.
5	Delete button 	Press to delete a photo or video.
6	LCD	Use to compose your photos and to view the various menus.
7	Operation LED	Lights green when the camera is on. See "LED and sound indicators" on page 2.
8	Record button 	Press to toggle between recording still images and videos.

**Top, bottom and side**



#	Button	Description
1	Speaker	Lets you hear audio recorded during video capture.
2	Power button	Press to turn on your camera.
3	Shutter button	Press to take a photo or capture video.
4	Strap ring	Attach the carrying strap (included) to this ring.
5	Battery cover	Open to install batteries and an optional memory card.
6	Tripod socket	Use to mount the camera to a tripod.
7	USB jack	Lets you connect the camera to a computer.

### LED and sound indicators

Your camera gives feedback to users in two ways:

- LED Indicators
- Sound indicators

#### LED Indicators

Your camera is equipped with two LED indicators:

- An operation LED, located on the back of your camera. See “Back” on page 2 to locate the operation LED,
- A self-timer LED, located on the front of the camera. See “Front” on page 1 to locate the Self-timer LED.

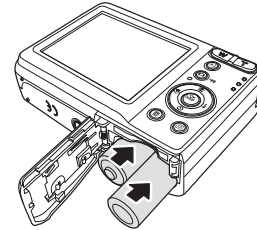
LED	LED status	Camera status
Operation	Off	Power off
	Green (steady)	Power on, ready to take pictures, record, or playback.
	Green (fast blink)	Camera busy or deleting/copying/recording/transferring data.
	Green (slow blink)	In Record mode, flash is charging, or AF error.
Self-timer	Off	Self-timer off.
	Amber (blinking)	Self-timer countdown is set. The LED blinks faster as the countdown reaches its end.

#### Sound indicators

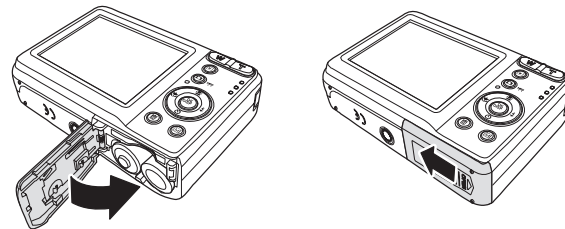
Your camera is equipped with a buzzer to provide sound indicators.

Sound indicator	Camera status
One beep	An operation, such as recording, has started. Also indicates using a menu and setting properties.
Two beeps	An operation is complete.
Three beeps	A low battery or other warning. Also indicates error messages, such as memory full or card error.
Continuous beep	When the self-timer is set, the camera beeps every second of the countdown between ten and four seconds left. It beeps every half second when the countdown reaches three seconds. The beep stops after the countdown completes.
Shutter sound	The shutter is pressed to record an image.

- 3 Insert two AA batteries into the battery compartment. Make sure that you match the + and – symbols on the batteries with the + and – symbols in the battery compartment.



- 4 Close the battery cover.




- 5 If you are replacing the batteries, go to the *Setup* menu and make sure the battery type selected matches the type of batteries you inserted in the camera. (See “Using the Setup and Tools menus” on page 13)

#### Warning

Be sure to use only alkaline, NiMH, or lithium batteries with your camera. Failure to do so may damage your camera or cause risk of injury to yourself and others.

#### Notes

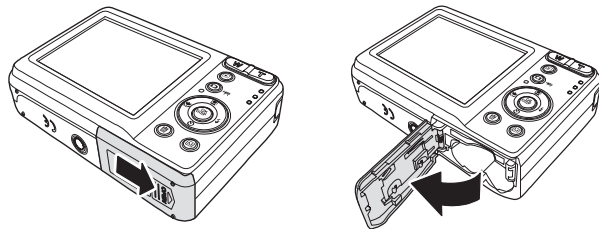
- A low battery indicator  appears on the LCD when the batteries are nearly exhausted. Batteries should be replaced promptly when this indicator appears.
- Do not mix batteries of different types.
- Do not mix old and new batteries.
- Remove batteries when the charge is depleted.
- Battery chemicals can cause a rash. If the batteries leak, clean the battery compartment with a cloth. If chemicals touch your skin, wash immediately.
- If the camera is not going to be used for an extended period of time, remove the batteries.
- The camera body may feel warm to the touch after extended use. This is normal.

## Setting up your camera

### Installing the batteries

To install the batteries:

- 1 Make sure that your camera is turned off.
- 2 Open the battery cover by sliding it in the direction indicated in the illustration.



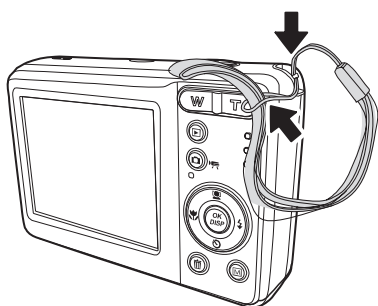
# INSIGNIA™

Insignia NS-DSC10A and NS-DSC10B 10 Megapixel Digital Cameras

## Installing the wrist strap

### To install the wrist strap:

- 1 Insert the short loop of the strap in the strap eyelet.




- 2 Thread the larger loop of the strap through the short loop and pull tight.

## Understanding camera memory

### Internal memory

This camera is equipped with 32 MB of internal memory and approximately 20 MB of that memory is available for photo/video storage. If no memory card is inserted in the camera, all images and movie clips recorded by the camera will be stored in the internal memory.

### External memory

Your camera supports SD cards up to 4GB and SDHC cards up to 16GB. If there is a storage card inserted in the memory slot, the camera automatically saves all images and videos to the storage card. The  icon indicates that your camera is using a memory card.

### Installing the memory card

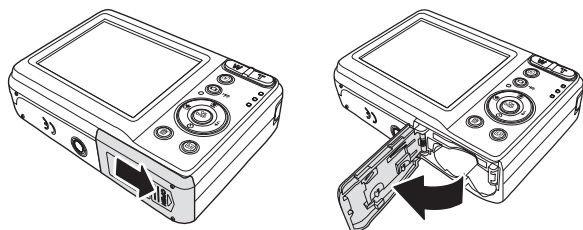
You can use an SD or SDHC memory card with this camera. The memory card slot is inside the battery cover, adjacent to the battery compartment.

#### Caution

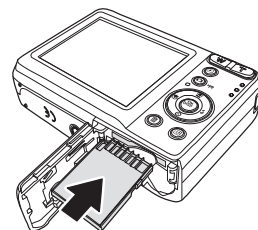
- The memory card may be damaged if it is removed while the camera is on.
- Do not touch the contacts on the back of the memory card.

### To install the memory card:

- 1 Turn off the camera.
- 2 Open the battery cover by sliding it in the direction indicated in the illustration.



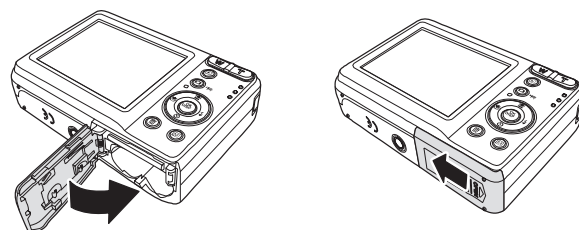
- 3 Insert the memory card with the metallic part facing the back of the camera until it clicks into place.



#### Tip

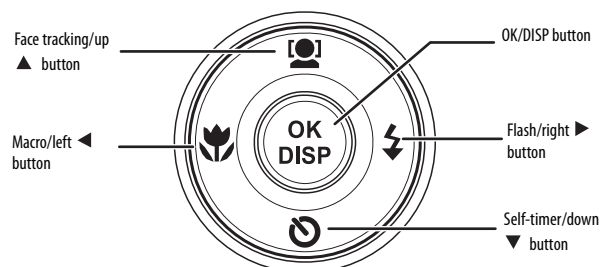
To remove the memory card, push the card in slightly to release it, then pull the card out of the card slot.

- 4 Close the battery cover.



## Navigating the menus

The 4-way navigation control and the **OK/DISP** button let you access the various menus available from the On Screen Display (OSD). You can configure a wide range of settings to ensure optimal results from your photos and videos.



Further functions of these buttons are as follows:

Button	Functions
<b>OK / DISP</b>	<ul style="list-style-type: none"> <li>• Press to confirm a selection when using the OSD menus.</li> <li>• In Playback and Record mode, press to change the LCD screen display to show or hide OSD icons.</li> </ul> <p><b>Note:</b> The <b>OK/DISP</b> button is disabled during video playback.</p>
<b>Flash/right (►)</b>	<ul style="list-style-type: none"> <li>• In Record mode, press to scroll through the flash mode options. (Auto, Red-eye Reduction, Forced On, Slow Sync and Off)</li> </ul> <p><b>Note:</b> Flash modes are only available for still images.</p> <ul style="list-style-type: none"> <li>• In Playback mode, press to view the next image, video clip.</li> <li>• In Playback Video mode, press to fast forward video playback.</li> <li>• In Menu mode, press to enter submenus or to navigate through menu selections.</li> </ul>




Button	Functions
<b>Macro/left (◀)</b>	<ul style="list-style-type: none"> <li>In Record mode, press to turn on/off Macro.</li> <li><b>Note:</b> Macro mode is only available for still images.</li> <li>In Playback mode, press to view the previous image or video clip.</li> <li>In Playback Video mode, press to rewind video playback.</li> <li>In Menu mode, press to exit a submenu.</li> </ul>
<b>Face tracking/up (▲)</b>	<ul style="list-style-type: none"> <li>In Record mode, press to enable/disable face tracking.</li> <li><b>Note:</b> Face tracking is only available for still images.</li> <li>In Menu mode, press to navigate through the menu and submenu selections.</li> <li>In Playback Video/ Audio mode, press to Start/Pause video playback.</li> </ul>
<b>Self-timer/down (▼)</b>	<ul style="list-style-type: none"> <li>In Record mode (still images), press to select self-timer on/off.</li> <li>In Menu mode, press to navigate through the menu and submenu selections.</li> <li>In Playback Video/Audio mode, press to Stop video playback.</li> </ul>

## Simple mode

When you turn on your camera the first time, it will be in Simple mode. Simple mode hides advanced user settings and less frequently used menu options, while still letting you take high quality images and video.

### To use Simple mode:

- Press **POWER** to turn your camera on.
- Press the **Record** mode button.
- Press the menu button (⊞) to open the on screen menu.
- Press right ▶ or left ◀ to highlight **Setup** . The *Setup menu* opens.
- Press up ▲ or down ▼ to select **Simple Mode**, then press ▶ or **OK/DISP** to open the sub-menu.



- Press up ▲ or down ▼ to select **On** or **Off**.
- Press **OK/DISP** to save the setting and exit.

## Initial settings

Your camera's display language, date and time should be set before taking photos or videos.

### To set the date and time:

- Turn the power on. Press the **Menu** button to enter the camera's settings menu.
- Press ▶ to select the **Setup** tab.
- Press ▼ to select **Simple Mode**, then **OK/DISP** to open the *Simple Mode* submenu. Set Simple Mode to **Off**.

- Press ▲ to select **Date & Time**, then press **OK/DISP** to set the date and time.



- Press ▼, ▲, ◀, or ▶ to adjust the date and time. When you are done, press **OK/DISP**.

### To set the display language:

- Press ▲ to highlight the **Setup** tab, then press ▶ to select the **Tools** tab.
- Press ▼ to select **Language**.
- Press **OK/DISP** to open the *Language* submenu. Select the language of your choice by pressing ▲ or ▼. When you have selected the language you want, press **OK/DISP**.
- Press ▲ to highlight the **Tools** tab, then press ◀ to select the **Setup** tab.
- Press ▼ to select **Simple Mode**, then **OK/DISP** to open the *Simple Mode* submenu. Set Simple Mode to **On**.
- Press the **Menu** button to return to Record mode. You can now take photos or capture video.

#### Note

If the batteries are removed for longer than 48 hours, the date and time must be reset.

## Understanding the camera modes

Your camera has two main modes:

### Record mode

**Record** mode is used to capture still images or record videos.

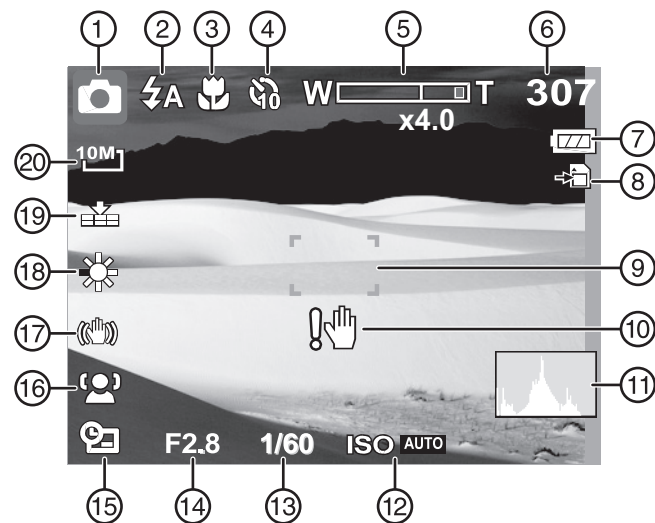
### Playback mode

**Playback** mode is used to view captured images and to play back videos. Press the Playback mode button (⊞) to set your camera to **Playback** mode.

## Understanding the LCD

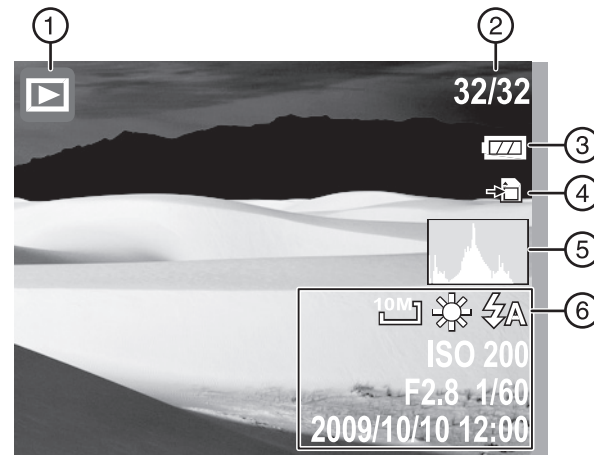
The LCD monitor displays important information regarding camera settings as well as the visual image of your photo or video. The display on the LCD monitor is called the On Screen Display or OSD.

### Record mode screen layout



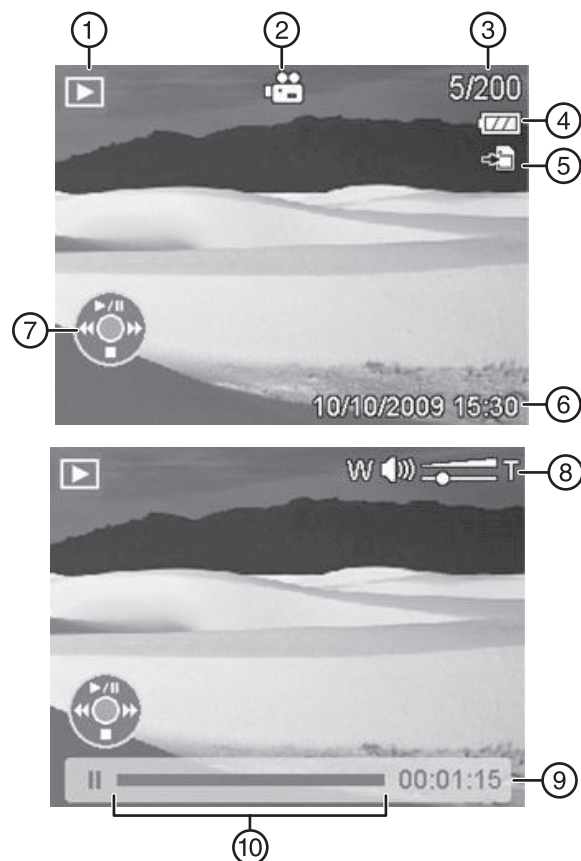
#	Description	For additional information, see...
1	Mode	Indicates the current mode. See "Changing the mode" on page 9.
2	Flash	Indicates the flash mode. See "Using the flash" on page 8.
3	Macro	Indicates when macro is enabled. See "Using the macro feature" on page 9.
4	Self-timer	Indicates when the self-timer is enabled. See "Using the self-timer" on page 9.
5	Zoom indicator	Indicates the current zoom setting.
6	Shots remaining	Indicates the number of photos remaining.
7	Battery indicator	Indicates the current battery charge. See "Installing the batteries" on page 3.
8	Storage media	Indicates when a memory card is installed. See "Installing the memory card" on page 4.
9	Focus area	Shows the center of the focus area. See "Taking still photos" on page 8.
10	Shake warning	Indicates when the camera is shaking. See "Taking still photos" on page 8.
11	Histogram	Provides a graphic display of the light level of the current image.
12	ISO	Indicates the ISO setting selected. See "Setting ISO" on page 11.
13	Shutter speed	Indicates the shutter speed setting.
14	Aperture setting	Indicates the aperture setting.
15	Date stamp	Indicates that the date stamp is enabled. See "Initial settings" on page 5.
16	Face tracking	Indicates that face tracking is enabled. See "Using face tracking" on page 9.
17	Stabilizer	Indicates that the stabilizer function is enabled. See "Using the stabilizer" on page 11.
18	Color balance	Indicates the color balance setting. See "Setting color balance" on page 11.
19	Quality	Indicates the quality setting. See "Setting picture quality" on page 10.
20	Resolution	Indicates the image resolution setting. See "Setting picture quality" on page 10.

### PLAYBACK mode screen layout



#	Description	For additional information, see...
1	Playback mode	Indicates that Playback mode is enabled. See "Changing the mode" on page 9.
2	File number/total number	Indicates the number of the file selected and the total number of files available.
3	Battery indicator	Indicates the current battery charge. See "Installing the batteries" on page 3.
4	Storage media	Indicates that a memory card is being used. See "Installing the memory card" on page 4.
5	Histogram	Provides a graphic display of the light level of the current image.
6	Recording information	Indicates the settings used when the image was recorded.

### Video **PLAYBACK** mode screen layout

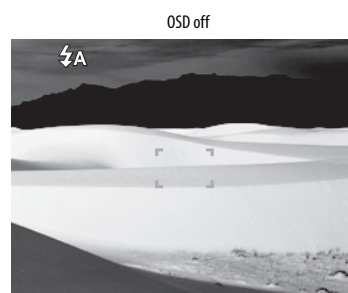
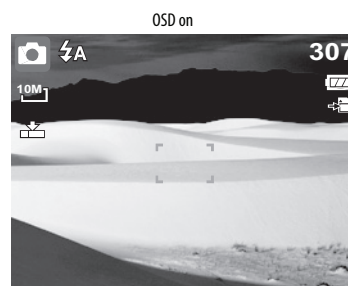


#	Description	For additional information, see...
1	Playback mode	Indicates that Playback mode is enabled. See "Changing the mode" on page 9.
2	Movie clip	Indicates that a file is a movie clip.
3	File number/total number	Indicates the number of the file selected and the total number of files available.
4	Battery indicator	Indicates the current battery charge. See "Installing the batteries" on page 3.
5	Storage media	Indicates that a memory card is being used. See "Installing the memory card" on page 4.
6	Date & Time stamp	Indicates the date and time the photo was taken.
7	Button intro	Indicates usage of the 4-way direction button to play/pause, stop, review or fast forward video files.
8	Volume	Indicates the current volume level setting.
9	Played time	This bar indicates the amount of time that has elapsed during playback of a video.
10	Playback status	Show the playback status of the video clip being played.

### Changing the LCD monitor configuration

#### To change the LCD monitor configuration:

- Press **OK/DISP** repeatedly to change the configuration.
- RECORD** mode—



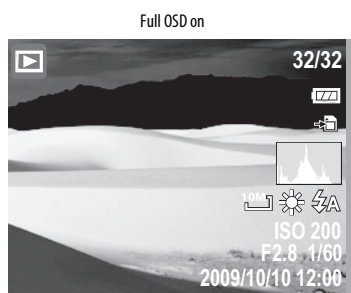
#### Note

The OSD information will vary depending on the Record mode type. The Face tracking, Flash, Self-timer, Macro, and Stabilizer icons, if enabled, are still displayed on the LCD even when OSD off is selected.

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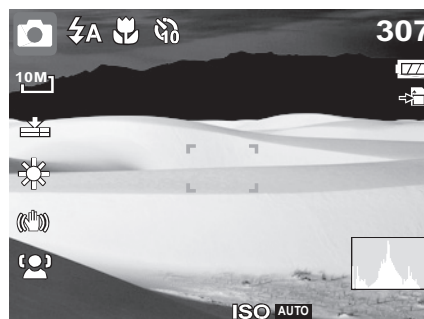
## • PLAYBACK mode—



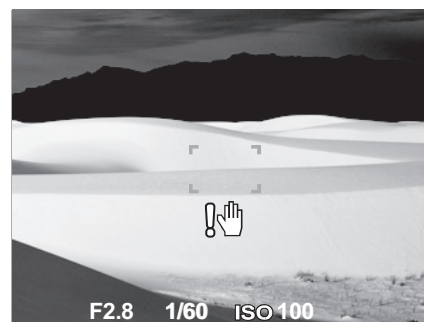
### Note

You cannot change the LCD configuration when you are recording or playing video clips.

- 2 Frame the shot using the focus bracket on the LCD monitor.



- 3 Press the shutter button halfway. The camera automatically adjusts the focus and exposure. When the camera is ready to take the photo, the focus bracket turns green, and the aperture value, shutter speed, and ISO setting are displayed.



- 4 Fully press the shutter button to capture the image.

### Note

When the shake warning icon ! appears on the LCD, hold the camera steady, with your arms at your side, or use a tripod to stabilize the camera in order to prevent blurred images.

## Using your camera

### Basic operation

#### To turn your camera on and off:

- 1 Press and hold the **POWER** button until the Insignia startup image opens.
- 2 Press **Power** again to turn your camera off.  
The power turns off, the lens retracts (if the camera is in Record mode), and the power indicator LED turns off.

### Taking still photos

Now that you are familiar with your camera, you are ready to capture images and video.

#### To take photos:

- 1 Turn on the camera by pressing **POWER**. If your camera is not in Record mode, press the **Record** mode button until the camera icon appears in the upper left corner of the LCD monitor.

### Setting the zoom

Your camera features 3x optical zoom and 4x digital zoom.

#### To adjust the zoom:

- Press the Zoom buttons to zoom in (T) or zoom out (W).



The zoom indicator appears on the LCD monitor.

The section of the zoom indicator on the right side indicates that digital zoom is being used.

### Using the flash






When taking pictures in difficult lighting conditions, use the flash to get correct exposure. This function cannot be activated for recording video.



**To activate the flash:**

- Press the Flash/right (►) button on your camera repeatedly until the desired flash mode is displayed on the LCD monitor.

Your camera is equipped with five flash modes:

-  **Auto flash**—Flash fires automatically when shooting conditions require extra lighting.
-  **Red-eye reduction**—Flash fires twice—once to let the subject's eyes adjust to the flash, then again to take the actual image.
-  **Force on**—Flash fires every time you take a photo, regardless of lighting conditions.
-  **Slow sync (fill flash)**—Flash fires with a slow shutter speed. Ideal for situations where additional lighting is needed for subjects in the foreground.
-  **Flash off**—The flash never fires, regardless of lighting conditions.

**Notes**

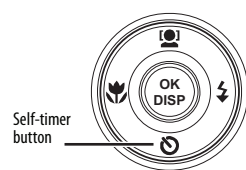
- Flash charging time may increase when the battery is low.
- Hold the camera steady, or mount it on a tripod, to reduce blurring when using the slow sync flash mode.

**Using the self-timer**

Self-timer lets you take photos after a pre-defined delay. This function is available only when capturing still images. When the self-timer is enabled, the icon is displayed on the LCD monitor. The self-timer setting is automatically set to Off when you turn your camera on or off.

**To enable the self-timer:**

- Set your camera to **Record** mode. If you are in video capture mode, press the Record mode button to switch to photo capture mode.



- Press the self-timer button once to enable the self-timer. Press it again to disable the self-timer.

When the self-timer is enabled, the shutter release is delayed for 10 seconds.

- Press the shutter button to take the photo.


**Note**

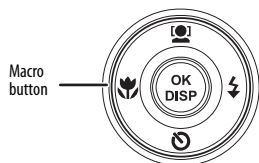
When using the self-timer, make sure that you use a tripod or place the digital camera on a level, stable surface.

**Using the macro feature**

Your camera is equipped with a macro feature that lets you focus on very close subjects.

**To use the macro feature:**

- Set your camera to **Record** mode. If you are in video capture mode, press the Record mode button to switch to photo capture mode.
- Press the **macro** button to enter macro mode. The macro icon  appears on the LCD monitor.




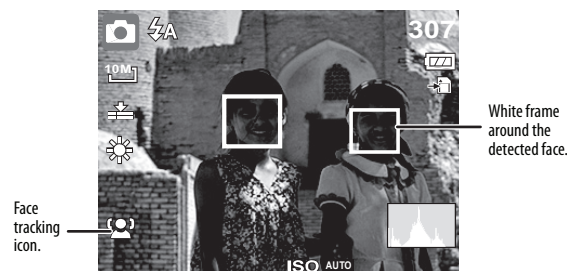
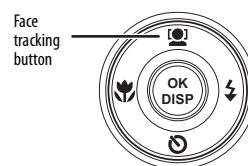
- Press the **shutter** button to take the photo.
- Press the **macro** button again to exit macro mode.

**Using face tracking**

The **face tracking** mode detects faces and sets the camera to focus on the detected face. This function can detect several faces at the same time, however the camera sets the focus on the closest person to the center of the screen.

**To activate face tracking:**

- Press the **face tracking** button. The face tracking icon  is displayed on the LCD monitor.
- Aim the camera at the subject. Notice that the white focus frame appears when faces are detected.



- Half-press the shutter button to focus. Notice that the white frame closest to the center of the screen turns green.
- Fully press the shutter button to capture the image.



**Tips**

When capturing an image with several faces, the camera may take more time to detect faces.

**Changing the mode**

You can record images and video in **Record** mode and you can use the **Playback** mode to replay, delete, or edit images on the LCD monitor.

**To switch between modes:**

- In **Record** mode, press  (playback) to switch to **Playback** mode.
- In **Playback** mode, press  (record) to switch to **Record** mode.

**Recording video**


You can record video with your camera. The available recording time depends on the available capacity of the internal memory or the memory card in use. Videos can be recorded until the maximum memory capacity has been reached. About 15 minutes of video can be recorded for every gigabyte of available memory space.

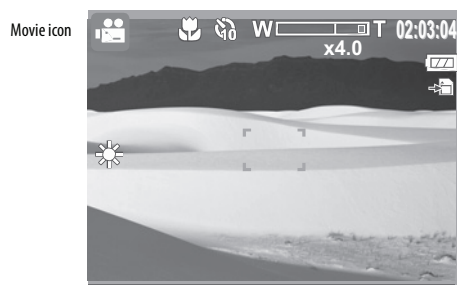
**To record a video:**




- Press **POWER** to turn your camera on.

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- Press  (record) until the video icon appears in the upper left of the LCD.



- Press the shutter button to begin recording.
  - Press  to zoom in or zoom out an image.
  - To pause a recording, press up .
  - To continue recording, press  again.
- To stop recording, press the shutter button again.


#### Note

- When the maximum capacity for a single video has been reached, press the shutter button again to continue recording.
- The camera will automatically stop recording when the memory capacity is full.
- When recording videos, audio recording mutes during zoom operations.


## Using the menus

### Using the Record menu






If you are in **Record** mode, you can access the *Record* menu by pressing  (menu) on your camera.

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

#### To use the *Record* menu:

- Press **POWER** to turn your camera on.
- Press the **Record** button to ensure the camera is in Record mode.
- Press  (menu). The *Record* menu opens.



- Press  or  to highlight the option you want.
- Press right  or **OK/DISP** to open the sub-menu.
- Press up  or down  to change the settings.

- Press **OK/DISP** to save the settings.




- Press  (menu) again to close the menu.

### Setting picture quality

The quality function lets you adjust the quality settings of your photos before you capture them. Quality determines the amount of compression applied to your photos. More compression results in a less detailed image. However, the higher the quality, the more memory space is required to store a single image.

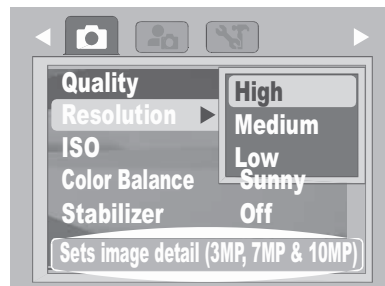


The table below shows the available quality settings for still images.




Icon	Item	Compression rate
	Super fine	4x compression
	Fine	8x compression
	Normal	12x compression

### Setting picture resolution

The resolution function is used to set the resolution before you capture an image. Changing the resolution affects the number of images that can be stored in your memory card. The higher the resolution, the more memory space is required. High resolution images are ideal for printing and other applications.

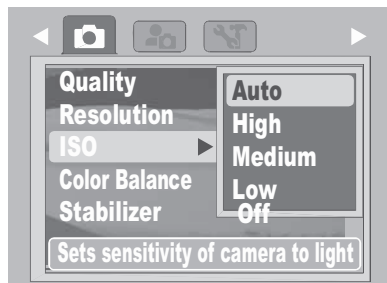


The table below shows the available resolution settings.

Icon	Item	Image size
	High	3648 x 2736 (10 megapixels)
	Medium	3072 x 2304 (7 megapixels)
	Low	2048 x 1536 (3 megapixels)

### Setting ISO

The ISO function lets you adjust the ISO sensitivity for recording still images, based on the light levels of your surroundings.



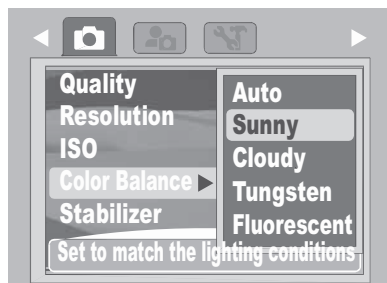
- Use a higher ISO setting in dim conditions and a lower ISO setting in brighter conditions.
- As you move through the selections, the preview on the LCD monitor changes accordingly.
- Available settings are: **Auto**, **High** (ISO 1600), **Medium** (ISO 400), and **Low** (ISO 100).

#### Note

If the stabilizer function is enabled, ISO is automatically set to Auto and cannot be adjusted. To adjust ISO, disable the Stabilizer function first. The higher the ISO setting, the grainier the photo will be.

### Setting color balance

The color balance function controls the white balance in recording still images or video. As you move through the selections, you can see the preview on the LCD monitor simultaneously.



The table below shows the available settings.

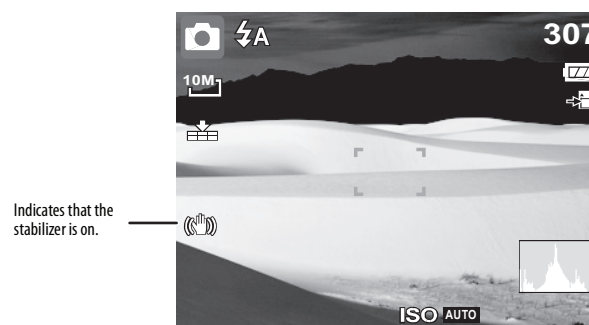
Icon	Item	Description
<b>Auto</b>	Auto	The camera automatically adjusts the white balance.
	Sunny	Ideal for bright, sunny conditions.
	Cloudy	Ideal for cloudy conditions.
	Tungsten	Ideal for indoor photos with tungsten or halogen lighting without a flash.
	Fluorescent	Ideal for indoor photos with fluorescent lighting.

### Using the stabilizer

The stabilizer function helps to prevent blurred images.



If the stabilizer function is enabled, the stabilizer icon is displayed on the LCD monitor and the ISO setting is automatically set to Auto. See "Setting ISO" on page 11 for more details.



## Viewing photos and video

### Viewing photos

#### To view photos:

- 1 Press **POWER** to turn your camera on.
- 2 If the camera is not in Playback mode, press the (playback) button to switch to **Playback** mode.  
The last recorded photo or video appears on the LCD monitor. If no photos or videos are stored, "No image" appears.
- 3 Press **◀** or **▶** to cycle through the available photos and videos. Pressing **◀** displays the previous file and pressing **▶** displays the next file.
- 4 To play a video, press **▲**. See "Playing videos" on page 12 for more information.






### Zooming images in Playback mode

#### To zoom an image:









- 1 Press **T** repeatedly to zoom in on an image. You can enlarge an image up to 5X.
- 2 Press **◀**, **▶**, **▲**, or **▼** to view the area of the zoomed image that you want.
- 3 Press the (playback) button to close the zoom view.

## Playing videos


### To play videos:

- 1 Press **POWER** to turn your camera on.
- 2 If the camera is not in Playback mode, press the  (playback) button to switch to **Playback** mode.
- 3 Press , , , or  to scroll through the saved files. Video files will show a movie icon on the upper middle part of the screen.



- During playback, press  or  to fast forward or reverse.
- During playback, press  to control volume. Press **T** to increase volume and press **W** to decrease volume.
- Press  to pause playback. Press  again to resume playback.
- To view the movie frame-by-frame, press  to pause the movie, then press  or  to go forward or back.




- 4 Press  to stop playback.






## Deleting an image or video


### Deleting files

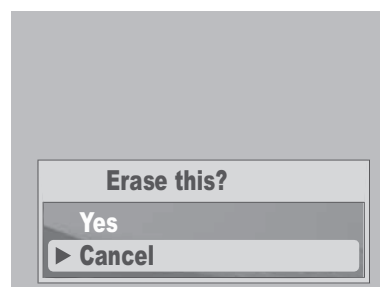
There are two ways to delete images or videos:





- Press the  (delete) button to delete a single image or video.
- Press **Playback, Menu**, then **Erase Pictures**.

### To delete files with the (delete) button:

- 1 Press **POWER** to turn your camera on.
- 2 If the camera is not in Playback mode, press the  (playback) button to switch to **Playback** mode.
- 3 Press , , , or  to cycle through the available images and videos.

- 4 When the image or video you want to delete is displayed on the LCD, press the  (delete) button. A confirmation screen opens.



- 5 Press  or  to select **Yes**, then press **OK/DISP** to confirm. The next image or video appears on the LCD.
- 6 To delete additional images or videos, press  or  to cycle through the available images and videos and repeat steps 4 and 5.
- 7 To close the delete function, select **Cancel**, then press **OK/DISP** to confirm.

### Note



To delete all images and videos, see below.

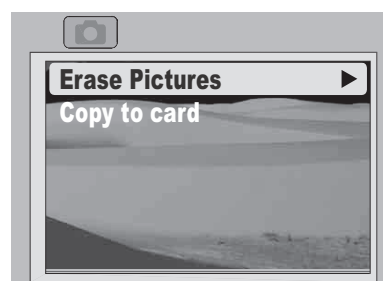
## Using the Playback menu







The *Playback* menu lets you delete or copy several images or videos at the same time.

### Deleting images and videos

#### To delete images and videos:

- 1 Press **POWER** to turn your camera on.
- 2 If the camera is not in Playback mode, press the  (playback) button to switch to **Playback** mode.
- 3 Press the  (menu) button to open the *Playback* menu.



- 4 Press  or  to select **Erase Pictures**, then press  or **OK/DISP** to display the submenu.
- 5 Select **Single** to delete one image or video, **All** to delete all images and video, or **Cancel** to go back to the previous menu.
- 6 If you select **Single**, press  or  to select the image or video you want to delete. A confirmation box opens.
  - Press  to select **Yes**, then press **OK/DISP**. The image or video is deleted, and the next image file is displayed.



- Press **▶** or **◀** to continue scrolling through your files to select files to delete, or select **Cancel** to return to Playback mode.

- OR -

- 7 If you select **All**, press **▼** or **▲** to select **Yes**, then press **OK/DISP**. A confirmation message is displayed indicating that no images are stored.

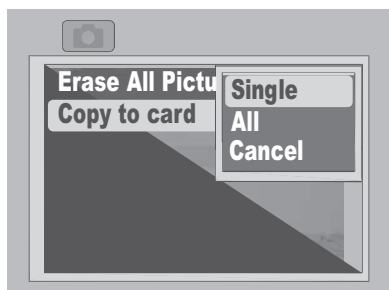
#### Caution

The Erase All function formats the entire memory card. This will erase all files on the memory card, not just the photos and videos you have taken with this camera.

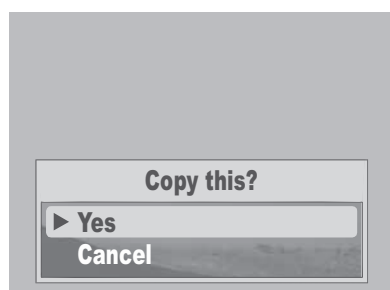
### Copying images or videos to a memory card

#### To copy images or videos to a memory card:

- 1 If no memory card has been inserted into your camera, power your camera off and insert a memory card according to the instructions on page 4.
- 2 Press **POWER** to turn your camera on in **Record** mode.
- 3 Press the **⏮** (playback) button to switch to **Playback** mode.
- 4 Press **◀** or **▶** to cycle through the available images and videos.
- 5 Press the **Ⓜ** (menu) button to open the *Playback* menu.



- 6 Press **▼** or **▲** to select **Copy to card**, then press **▶** or **OK/DISP**.
- 7 Press **▼** or **▲** to select **Single** (the current file being viewed) or **All** (all files), then press **OK/DISP**. A confirmation box opens.




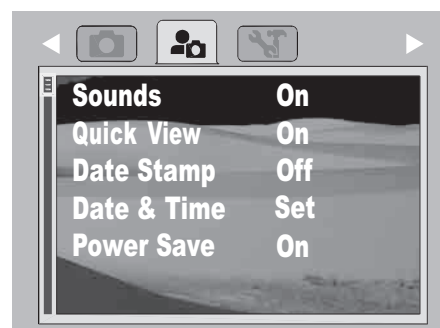
- 8 Press **▼** or **▲** to select **Yes**, then press **OK/DISP**. A confirmation message is displayed, and then the copy dialogue is displayed again.
- 9 Press the **Menu** button to go back to Playback mode.

## Using the Setup and Tools menus

### Using the Setup menu

#### To use the Setup menu (general):

- 1 Press **POWER** to turn your camera on in **Record** mode.
- 2 Press **Ⓜ** (menu). The *Record* menu opens.
- 3 Press **◀** or **▶** to select the Setup icon . The *Setup* menu opens.




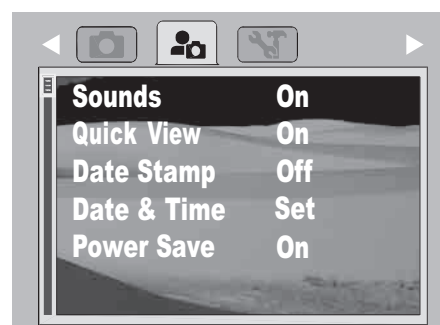
- 4 Press **▼** or **▲** to highlight the option you want.
- 5 Press right **▶** or **OK/DISP** to select the option or open the sub-menu.
- 6 Press up **▲** or down **▼** to change the settings.
- 7 Press **OK/DISP** to save the settings.

#### Turning sounds on or off

Use the Setup menu to enable or disable sound indicators.

#### To turn sounds on or off:

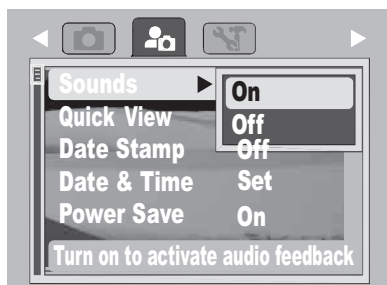
- 1 Press **POWER** to turn your camera on.
- 2 If your camera is not in Record mode, switch it to Record mode by pressing the **Record** button, then press **Ⓜ** (menu). The *Record* menu opens.
- 3 Press **◀** or **▶** to select the Setup icon . The *Setup* menu opens.



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- 4 Press ▼ or ▲ to highlight **Sounds**, then press right ► or **OK/DISP** to select it.



- 5 Press up ▲ or down ▼ to select **On** or **Off**.  
6 Press **OK/DISP** to save the settings.

### Setting Quick View

The Quick View function lets you view a captured image right after shooting it. If Quick View is On, the camera will display the captured image for one second on the LCD monitor.

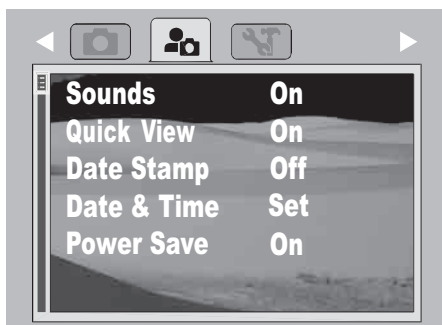
#### To turn Quick View on or off:

- 1 Press **POWER** to turn your camera on.
- 2 If your camera is not in Record mode, switch it to Record mode by pressing the **Record** button, then press (menu). The *Record* menu opens.

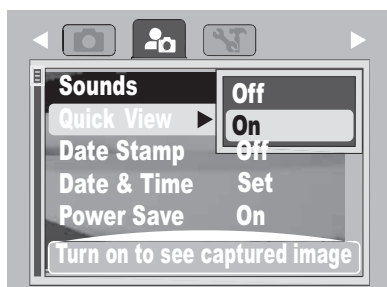
#### Note

Simple mode must be turned off in order to change Quick View settings. Please follow the instructions on page 5 to turn Simple mode off.

- 3 Press ◀ or ▶ to select the Setup icon . The *Setup* menu opens.



- 4 Press ▼ or ▲ to highlight **Quick View**, then press right ► or **OK/DISP** to select it.



- 5 Press up ▲ or down ▼ to select **On** or **Off**.  
6 Press **OK/DISP** to save the settings.

### Setting the date stamp

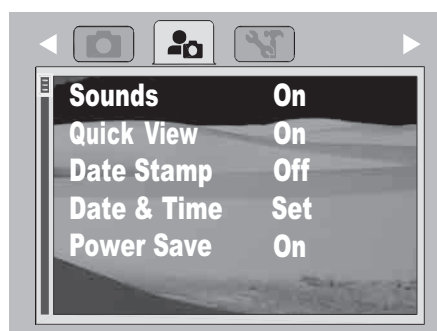
The Date Stamp function lets you add the recorded date and time to your photos. When this function is enabled, the icon is displayed on the LCD.

The recording date and time are based on your camera's clock settings. Once the date and time are stamped on a photo, they can no longer be edited or deleted. The following also applies:

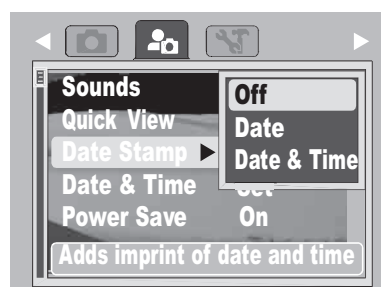
- Available for still images only.
- If the date stamp is enabled, digital zoom is automatically turned off.
- In vertical or rotated images, the date and time on your photos still appears horizontally.

#### To set the date stamp:

- 1 Press **POWER** to turn your camera on.
- 2 If your camera is not in Record mode, switch it to Record mode by pressing the **Record** button, then press (menu). The *Record* menu opens.
- 3 Press ◀ or ▶ to select the Setup icon . The *Setup* menu opens.



- 4 Press ▼ or ▲ to highlight **Date Stamp**, then press right ► or **OK/DISP** to select it.



- 5 Press up ▲ or down ▼ to select **Date**, **Date & Time**, or **Off**.  
6 Press **OK/DISP** to save the settings.





### Setting power save

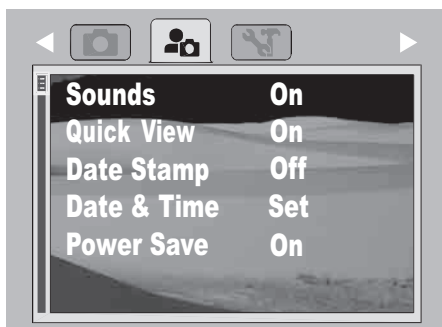
The Power Save function automatically turns off the camera after being idle for a specified time to save power. Available settings are:

- **On**—Turns off the power after being idle for 2 minutes.
- **Off**—Turns off the power after being idle for 10 minutes.

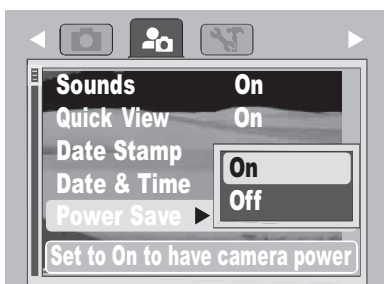
#### To set power save:



- 1 Press **POWER** to turn your camera on.

- 2 If your camera is not in Record mode, switch it to Record mode by pressing the **Record** button, then press  (menu). The *Record* menu opens.
- 3 Press  or  to select the Setup icon . The *Setup* menu opens.



- 4 Press down  or up  to highlight **Power Save**, then press right  or **OK/DISP** to select it.







- 5 Press up  or down  to select **On** or **Off**.
- 6 Press **OK/DISP** to save the setting.




**Note**



Power Save settings cannot be changed unless Simple mode is turned off. Follow the instructions on page 5 to turn Simple mode off.

**Using the Tools menu****To use the Tools menu (general):**

- 1 Press **POWER** to turn your camera on.
- 2 If your camera is not in Record mode, switch it to Record mode by pressing the **Record** button, then press  (menu). The *Record* menu opens.
- 3 Press  or  to select the Tools icon . The *Tools* menu opens.



- 4 Press  or  to highlight the option you want.
- 5 Press right  or **OK/DISP** to select the option or open the sub-menu.

- 6 Press up  or down  to change the settings.
- 7 Press **OK/DISP** to save the settings.

**Note**

Power Save settings cannot be changed unless Simple mode is turned off. Follow the instructions on page 5 to turn Simple mode off.

**Selecting the menu language**





See "Initial settings" on page 5.

**Selecting the battery type**

Set the battery type to match the type of battery you are using in your camera. This will ensure that the correct battery level is displayed on the LCD monitor.

- Only alkaline, NiMH, or lithium batteries should be used in your camera.
- Battery type can only be selected when Simple mode is turned off. Follow the instructions on page 5 to turn Simple mode off.



**To select the battery type:**

- 1 Press **POWER** to turn your camera on in **Record** mode.
- 2 Press  (menu). The *Record* menu opens.
- 3 Press  or  to select the Tools icon . The *Tools* menu opens.



- 4 Press  or  to highlight **Battery Type**, then press right  or **OK/DISP** to select it.



- 5 Press up  or down  to select the battery type you want, then press **OK/DISP**.

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## Enabling help text

When the Help Text function is enabled, text will scroll at the bottom of the screen when menu items are highlighted. This text provides information about the item highlighted.

### Note

Help text settings can only be changed when Simple mode is turned off. Follow the instructions on page 5 to turn Simple mode off.


### To enable help text:

- 1 Press **POWER** to turn your camera on.
- 2 If your camera is not in Record mode, switch it to Record mode by pressing the **Record** button, then press  (menu). The *Record* menu opens.
- 3 Press  or  to select the Tools icon . The *Tools* menu opens.



- 4 Press  or  to highlight **Help Text**, then press right  or **OK/DISP** to select it.



- 5 Press up  or down  to select **On** or **Off**, then press **OK/DISP**.

## Resetting your camera to factory default settings





Use this function to reset the camera to its original factory settings. The following settings cannot be reset:

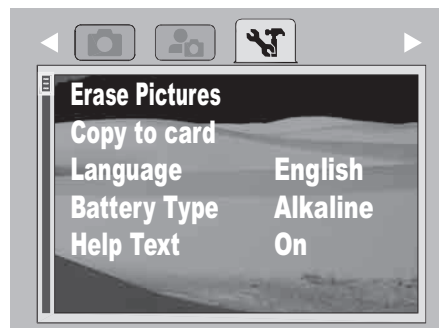
- Date and time
- Language
- Battery type

### Notes

- Your camera can only be reset to its original factory settings when Simple mode is turned off. Please follow the instructions on page 5 to turn Simple mode off.
- Resetting your camera to its original factory settings will not erase photos or videos stored in the camera's internal memory or on a memory card, if inserted.

## To reset your camera to factory default settings:

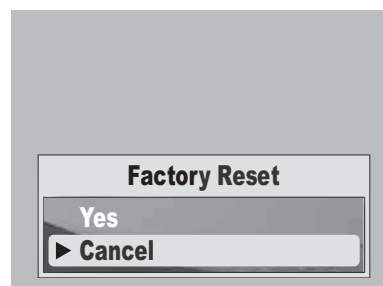
- 1 Press **POWER** to turn your camera on.
- 2 If your camera is not in Record mode, switch it to Record mode by pressing the **Record** button, then press  (menu). The *Record* menu opens.
- 3 Press  or  to select the Tools icon . The *Tools* menu opens.





- 4 Press  or  to highlight **Factory Reset**, then press right  or **OK/DISP** to select it.



- 5 Press up  or down  to select **Yes**, then press **OK/DISP**. A confirmation box opens.



- 6 Press up  or down  to select **Yes**, then press **OK/DISP**. A "completed" confirmation message will briefly display when the operation is complete.

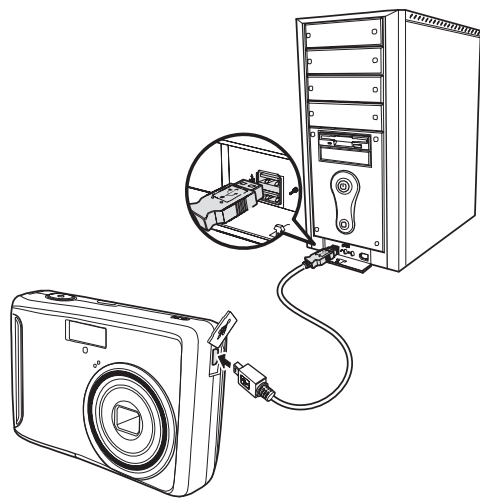
## Making connections

You can connect your digital camera to a computer in order to transfer files from your camera's internal memory or memory card to your computer.

### Connecting the camera to a computer

**To connect the camera to a computer:**

- 1 Connect the camera to the computer using the supplied USB cable.



- 2 Turn on your camera.

The computer detects the connection and the camera's internal memory and memory card are shown as removable drives on the computer's file manager screen. No image is displayed on the camera's LCD.

#### Note

You can also move files to your computer by removing the memory card from your camera and plugging it into an external card reader (not included).

## Troubleshooting

Problem	Cause	Solution
Power does not turn on.	Batteries are inserted incorrectly.	Reinstall the batteries correctly.
	The batteries are dead.	Replace the batteries or recharge the batteries if they are NiMH.
	The battery compartment door is open.	Make sure that the battery compartment door is closed.
The camera turns off automatically.	Your camera turns itself off automatically in order to conserve battery life.	Press any button (except POWER) to turn your camera back on.
The LCD turns off.	Your camera turns itself off automatically in order to conserve battery life.	Press the Power button to turn your camera back on.
An empty battery icon is displayed on the LCD, then the camera turns off.	The batteries are exhausted.	Replace the batteries or recharge the batteries if they are NiMH.

Problem	Cause	Solution
The LCD displays "No Image."	No images have been stored to the internal memory or memory card, or image files on the memory card cannot be read by the camera.	Set your camera to Record mode to capture photos or video. Or, connect your camera to your computer using the instructions on page 17 to view files. Your camera may not be able to display images or videos taken with other cameras or where the file names have been altered.
The LCD displays "Not available for this file."	The selected function is only available for selected file types. The file format is not supported.	Choose another type of format.
The LCD displays "Memory full."	The internal memory or the memory card is full.	Replace the memory card or delete unnecessary images.
The LCD displays "Card locked."	The memory card is protected.	Turn off the camera, remove the memory card, and slide the card's write-protect switch to its unlock position.
The LCD displays "Format error."	The memory card is protected.	Turn off the camera, remove the memory card, and slide the card's write-protect switch to its unlock position.
	The memory card is full.	Replace the memory card or delete unnecessary files.
The lens does not retract.	DO NOT FORCE THE LENS TO GO BACK. You may have installed the wrong type of battery or the battery level is too low.	Replace the batteries or recharge the batteries if they are NiMH, then hold down the POWER button until the lens retracts.
The camera does not take pictures.	The flash is charging.	Wait for the flash to charge.
	The memory is full.	Insert a new memory card or delete unwanted photos or videos.
	The memory card is not formatted correctly.	The card may be defective. Install a new card.
The image is not recorded when the shutter button is pressed.	The flash is charging.	Wait for the flash to charge.
	The memory is full.	Insert a new memory card.
The flash does not fire.	The flash is set to OFF.	Set the flash to another mode.
The image is blurry or out of focus.	The camera was moving when the image was captured.	Hold the camera steady when shooting a photo, or mount it to a tripod.
	The subject was beyond the range of the camera's focus.	Turn macro mode ON if the subject is within 5 to 15.75 inches (15 to 40 cm). Do not use macro mode when shooting distant subjects.
The image is not displayed on the LCD.	A memory card with non-compatible photos and videos (recorded on another camera) is loaded.	This camera cannot display non-compatible images.
Recorded images are not saved in memory.	The camera was turned off or powered down before the image was stored in memory.	If the low battery indicator appears on the LCD, replace the batteries immediately.
Card error	The memory card format may not be correct.	Using an external card reader (not included), reformat the card using the FAT file format. Use normal Windows or Mac procedures to carry out this operation.





## Specifications

Specifications are subject to change without notice.

Sensor	10 Megapixels Type 1/2.3
LCD monitor	2.5-inch color LCD
Focus range	Normal: 15.75 in. (0.4 m) ~ infinity Macro: (W) 5.9 in.~ 1.97 ft. (0.15 m ~0.6 m) (T) 15.75 in.~ 1.97 ft. (0.4 m~0.6 m)
Aperture	f/2.8 (W) / f/5.2 (T)
Shutter	Mechanical and electronic shutter 8~1/2000 seconds
Lens	Focal length: f/6.2 (W)~18.6 mm (T), 3X optical zoom, 4X digital zoom
File format	Still Image: EXIF 2.2-compatible JPEG Video: AVI (MJPEG)
Resolution (still image)	10 Megapixels (3648 x 2736), 7 Megapixels (3072 x 2304), 3 Megapixels (2048 x 1536)
Sensitivity	Auto, ISO 100, ISO 200, ISO 400, ISO 800, ISO 1600, ISO 3200 Low/Mid/High: 100 / 400 / 1600
Color balance	Auto, Sunny, Cloudy, Tungsten, Fluorescent
Exposure compensation	-2EV to +2EV in 1/3 steps, auto exposure
Exposure control	Metering: Multi-fixed Face recognition AE and AF
Self-timer	10 seconds or Off
Flash	Auto, Red eye Reduction, Fill Flash, Forced On, Forced Off
Storage	Internal memory: 32 MB Available capacity for photo/video storage: Approx. 20 MB External memory: SD card (up to 4 GB), SDHC card (up to 16 GB)
OSD language	English, French, Spanish
Interface	USB cable
Power supply	2 AA batteries (Alkaline/NiMH/Lithium) Level: Full/Half/Low
Operating temperature	32°F to 104°F (0°C to 40°C)
Operating humidity	0% to 90%
Microphone	Built-in
Speaker	Built-in
Dimensions	1 x 2.44 x 3.66 inches (2.55 x 6.2 x 9.3 cm)
Weight	Approx. .30 lb. (140 g) (without batteries)

Specifications subject to change without notice.

## Appendix

### Understanding folder and file names

Your digital camera automatically creates a directory of folders in the internal memory or memory card. It uses these folders to organize still images, movie clips, and other information.

#### Folder structure

All images and video can be found in the main DCIM folder. Subfolder names begin with a three-digit number, followed by "DICAM." If new files are created, a new folder named in sequence will be made automatically.

#### File naming

File names begin with "DSCI," and are followed by a four-digit number that increases sequentially. File numbering starts from 0001 when a new folder is created.

If the highest folder number is 999 and the highest file number exceeds 9999, the camera displays the warning message "Folder cannot be created." If this occurs, delete unwanted photos and videos, or replace the memory card.

#### Note

Do not change the folder and file names on the memory card using your computer. If you do, you may be unable to play back your files using the digital camera.

## Legal notices

### FCC Part 15

This device complies with Part 15 of the FCC Rules. Operation of this product 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.

This equipment has been tested and found to comply within 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:

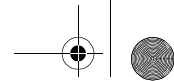
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

### FCC warning

Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the user's authority to operate this equipment.

### Canada ICES-003 statement

This Class B digital apparatus complies with Canadian ICES-003.



## One-year limited warranty

Insignia Products ("Insignia") warrants to you, the original purchaser of this new **NS-DSC10A** and **NS-DSC10B** ("Product"), that the Product shall be free of defects in the original manufacture of the material or workmanship for a period of one (1) year from the date of your purchase of the Product ("Warranty Period"). This Product must be purchased from an authorized dealer of Insignia brand products and packaged with this warranty statement. This warranty does not cover refurbished Product. If you notify Insignia during the Warranty Period of a defect covered by this warranty that requires service, terms of this warranty apply.

### ***How long does the coverage last?***

The Warranty Period lasts for 1 year (365 days) from the date you purchased the Product. The purchase date is printed on the receipt you received with the Product.

### ***What does this warranty cover?***

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. If service of Products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Insignia Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

### ***How to obtain warranty service?***

If you purchased the Product at a retail store location, take your original receipt and the Product to the store you purchased it from. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from an online web site, mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain in-home warranty service for a television with a screen 30 inches or larger, call 1-888-BESTBUY. Call agents will diagnose and correct the issue over the phone or will have an Insignia-approved repair person dispatched to your home.

### ***Where is the warranty valid?***

This warranty is valid only to the original purchaser of the product in the United States, Canada, and Mexico.

### ***What does the warranty not cover?***

This warranty does not cover:

- Customer instruction
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as lightning strikes
- Accident
- Misuse
- Abuse
- Negligence
- Commercial use
- Modification of any part of the Product, including the antenna
- Plasma display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).

This warranty also does not cover:

- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage supply
- Attempted repair by anyone other than a facility authorized by Insignia to service the Product
- Products sold as is or with all faults
- Consumables, such as fuses or batteries
- Products where the factory applied serial number has been altered or removed

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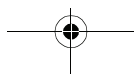
Contact Insignia:

For customer service please call 1-877-467-4289  
[www.insigniaproducts.com](http://www.insigniaproducts.com)

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