

DXG-608

User's Manual



DXGUSA

Preface

Congratulations on your purchase of this advanced digital camera. Make sure that you read this manual carefully and keep it in a safe place for future reference.

About this manual

Every effort has been made to ensure that the contents of this manual are correct and up to date. However, no guarantee is made regarding the accuracy of the contents. If the contents of this manual do not tally with the camera, please take the camera as a criterion. DXG reserves the right to change the contents of this manual or the technical specifications of the camera without prior notification. If the accessories do not tally with the actual package, please take the actual package as the criterion.

Copyright

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Safety

- When using Li-ion batteries in this product, ensure that they are inserted correctly. Inserting the batteries improperly can cause damage to the product and possibly start a fire.
- Use only the type of battery and charger that came with your camera. Using any other type of battery or charger may damage the equipment and invalidate the warranty.
- Do not use or store the product in dusty, dirty, or sandy areas, as its components may be damaged.
- Do not store the product in hot areas. High temperatures can shorten the life of electronic devices, damage batteries and warp or melt certain plastics.
- Do not store the product in cold areas. When the product warms up to its normal temperature, moisture can form inside and may damage the electronic circuits.
- Do not attempt to open the casing.
- Do not drop or knock the product. Rough handling may damage the internal components.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the product. Wipe the camera lightly with a damp soft cloth.
- If the product or any of its accessories are not working properly, take them to your nearest qualified service center. The personnel there will assist you, and if necessary, arrange for the product to be repaired.

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1. Introducing the camera

Read this section to learn about the features and functions of the camera. This chapter also covers system requirements, package contents, and camera views.

1.1 System requirements

The camera requires a host PC with the following specifications:

- Windows® XP, 2000, ME operating system
- Intel® Pentium III 500 MHz CPU or higher
- At least 256 MB of RAM or higher
- Standard USB 1.1 port or higher
- 4x speed CD-ROM drive or higher
- At least 200 MB of available disk space

Note: A USB 1.1 port will enable you to transfer files to and from your host PC, but transfer speeds will be much faster with a USB 2.0 port.

1.2 Features

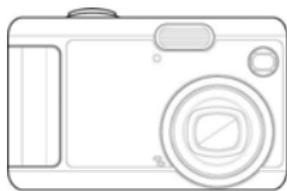
The camera is packed full of features and functions including:

- Digital still camera (6.0 megapixels)
- Digital camcorder
- Mass storage device
- Voice recorder

Additionally, the camera also features 3X optical zoom, 4X digital zoom, and a direct print function.

1.3 Unpacking

All the following items should be present in the camera package. If any item is missing or appears damaged, contact your dealer immediately.



Camera



Camera pouch



Wrist strap

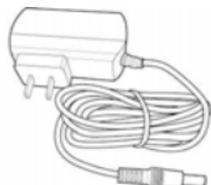


USB/TV-out cable

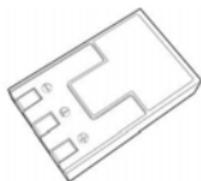




Battery charger



Charger power cable

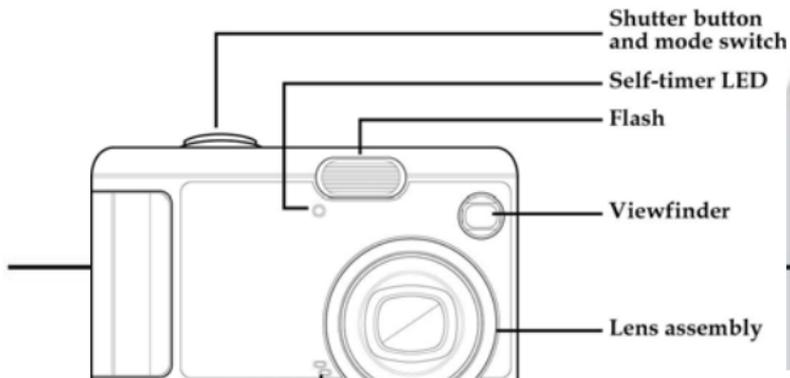


Rechargeable battery

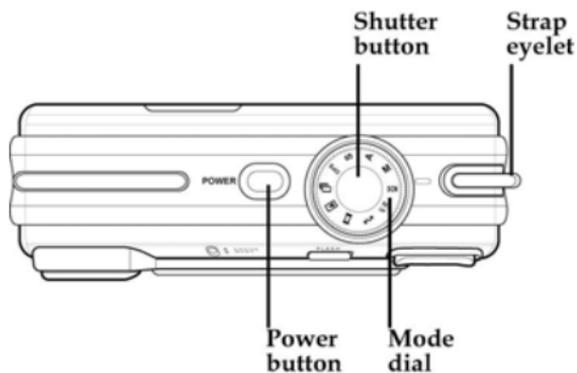
1.4 About the camera

Refer to the following diagrams to familiarize yourself with the buttons and controls of the camera.

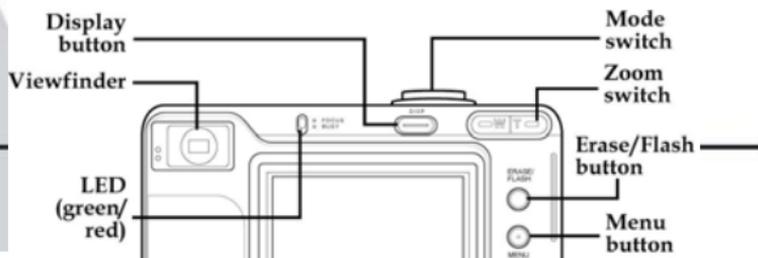
1.4.1 Front view



1.4.2 Top view



1.4.3 Back View

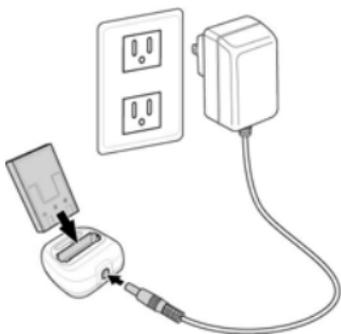


2. Getting started

Read this section to learn how to start using the camera. This section covers only basic functions. See later chapters for details about advanced functions.

2.1 Charging the battery

The camera requires a single rechargeable Li-ion battery. Charge the battery using the charger provided. Connect the charger to the power outlet and insert the battery into the charger as shown.



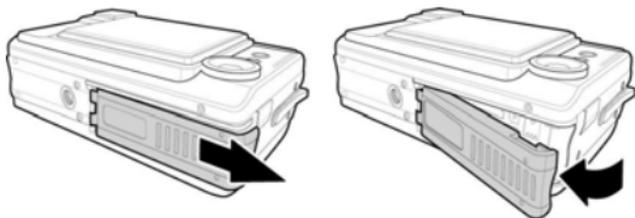
Note: Use only the type of battery and charger that came with your camera. Using any other type of battery or charger may damage the equipment and invalidate the warranty.

2.2 Inserting the battery

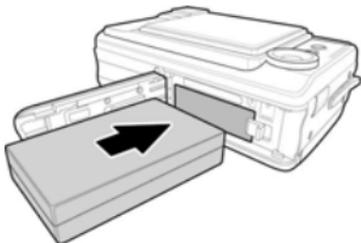
The camera requires a single rechargeable Li-ion battery.

Insert the battery as shown here.

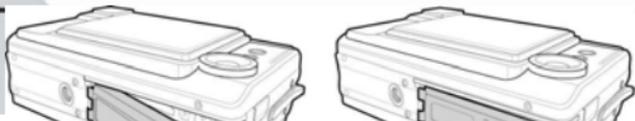
1. Open the battery door.



2. Insert the battery as shown.



3. Close the battery door.

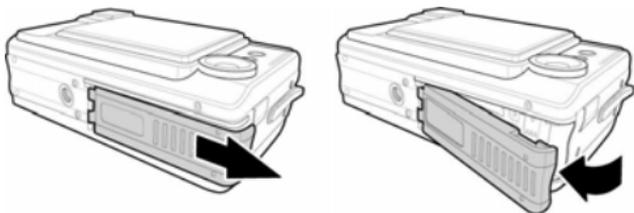


2.3 Inserting an SD card

An SD/MMC card can be installed in the camera to provide additional storage space for still images, videos, or other files.

To install an SD card:

1. Open the battery door.

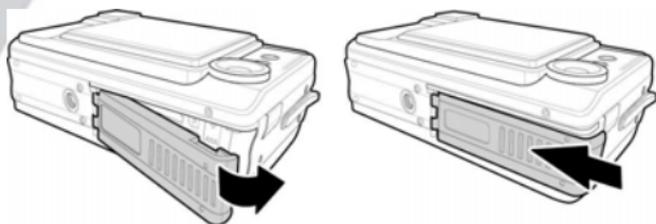


2. Insert an SD card as shown.

Make sure the gold contacts are facing up as shown.

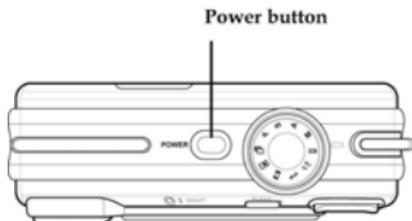


3. Close the battery door.



2.4 Turning on for the first time

Press and hold the power button to turn it on.



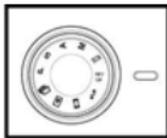
2.5 Before you start

Before you use your camera there are some basic settings to configure.

2.5.1 Setting the date and time

To set the date and time:

1. Use the mode dial to switch the camera to Setup Mode.



2. Use the joystick to scroll through the options until DATE/TIME AD is highlighted.
-



14

3. Press the center joystick button. The DATE/TIME submenu is displayed.

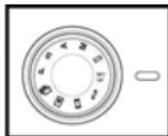


4. Use the joystick (left and right) to move through the year, month, date, hours, minutes, and format field.
5. Use the joystick (up and down) to change the selected field.
6. Press the center joystick button to complete the change.

2.5.2 Setting the beep function

To set the beep function:

1. Use the mode dial to switch the camera to **Setup Mode**.



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2. Use the joystick to scroll through the options until BEEP VOL is highlighted.



3. Press the center joystick button. The BEEP VOL submenu is displayed.

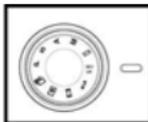


4. Use the joystick (up and down) to select the Beep On or Beep Off .
5. Use the joystick (left and right) to adjust the volume slider as required.
6. Press the center joystick button to complete the change.

2.5.3 Setting the language

To set the language:

1. Use the mode dial to switch the camera to **Setup Mode**.



2. Use the joystick to scroll through the options until **LANGUAGE** is highlighted.



3. Press the center joystick button. The **LANGUAGE** submenu is displayed.



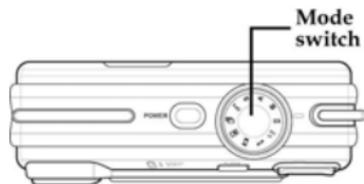
4. Use the joystick (left and right) to scroll through the available language options.

Icon	Language	Icon	Language
	Chinese		English
	German		Spanish
	French		Italian
	Japanese		

5. Press the center joystick button to complete the change.

2.6 Changing modes

The camera can operate in ten modes. Each mode is explained in the following table. Use the mode switch to change the mode.



Icon	Mode	Description
	Print	For printing pictures directly from the camera.
	Shutter Priority	For still pictures. The shutter speed is set by the user. The camera sets the aperture.
	Auto	For still pictures. The camera sets everything.
	Manual	For still pictures. The user sets all options.
SCN	Scene	For still pictures. Fifteen preset scene programs to choose.
SET UP	Setup	To configure settings common to all camera modes.
	Connect	To connect to TV, computer or printer.
	Video	For video capture.
	Playback	To review videos and still pictures stored on the camera.
	Continuous	To capture still pictures continuously.

2.7 Taking your first still picture

Before taking your first still picture, ensure you have read “Before you start” on **2.5**.

To take a still picture:

1. Turn the camera on and make sure it is in Auto Mode.

Note: You can also use auto mode, shutter priority, manual, or scene mode to take still pictures. See “Changing modes” on **2.6**.

2. Use the viewfinder or LCD screen to frame the picture.
3. Press the shutter button to capture the picture.

The picture will automatically be saved with a unique file name.

2.8 Shooting your first video

Before shooting your first video, ensure you have read “Before you start” on **2.5**.

To shoot a video:

1. Turn on the camera and make sure it is in video mode. See “Changing modes” on **2.6**.
2. Use the viewfinder or LCD screen to frame your video.
3. Press the shutter button to begin recording.
4. Press the shutter button again to stop recording.

The video is automatically saved with a unique file name.

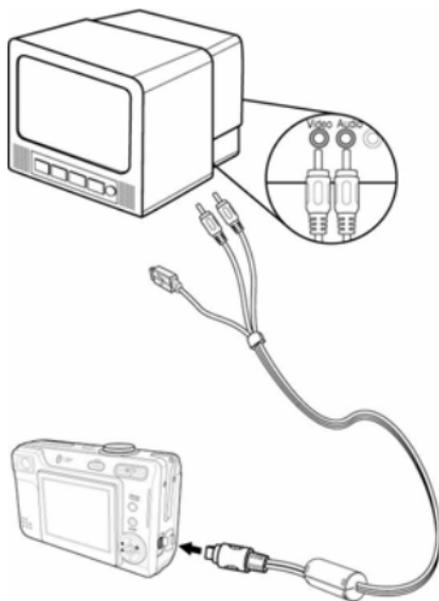
2.9 Connecting

Read this section to learn how to learn how to connect the camera to a host computer and to a TV.

2.9.1 Connecting to a TV

Connect the camera to a TV as shown with the AV cable provided to view images and videos on a bigger screen.

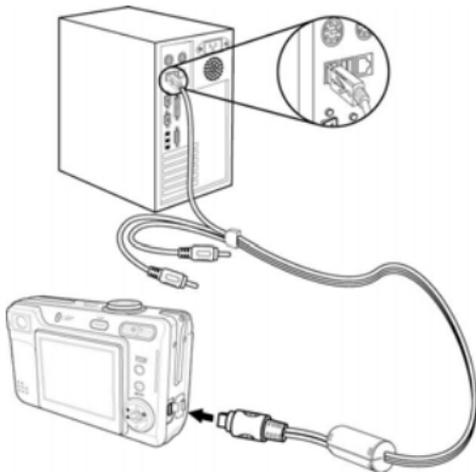
See “Connecting to a TV” on **3.8.1** for more details about displaying images on a TV screen.



2.9.2 Connecting to a computer

Connect the camera to a host computer using the USB port as Shown with the USB cable provided to transfer and store files.

See “Connecting to a computer” **3.8.1** for more information about connecting to a host computer.



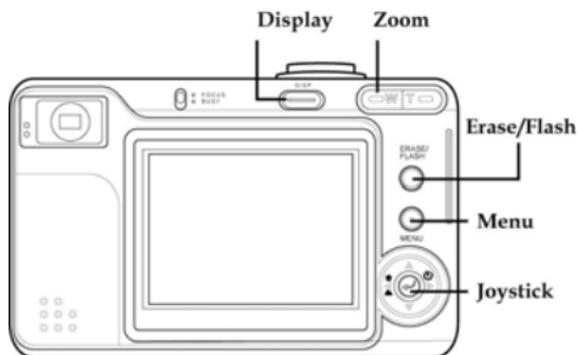
3. Using the camera

Read this section to learn how to configure the camera and use the advanced features.

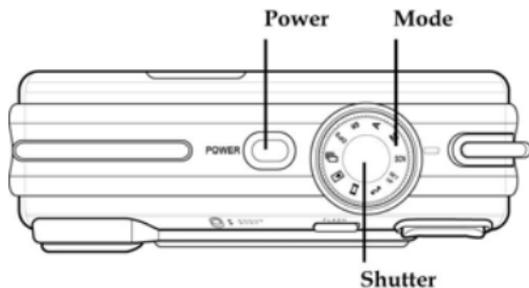
3.1 Using the camera buttons

All buttons are located on the top and the back of the camera.

Back



Top



See the table below for a description of each button's function.

Button	Name	Function
	Display	To switch between LCD display modes.
	Zoom	Use to zoom in or out in Photo or Video modes. Use to increase or decrease image size in Playback mode.
	Flash	To cycle through the flash modes.
	Menu	Press to display the main OSD menu.
	Joystick	Use to navigate the OSD menus.
	Power	Press to turn power on or off.
	Mode	Use to select Shutter Priority, Auto, Manual, Scene, Setup, Connect, Video, Playback or Continuous mode.
	Shutter	Press to capture a picture in Shutter Priority, Auto, Manual, or Scene mode; or start/stop video recording in Video mode. The shutter button is in the center on the mode dial.

3.2 Using the camera LCD display

Use the LCD display to compose your pictures and videos, review pictures and videos stored in memory, and navigate the menu system.

Icons are also displayed on the LCD display that show the current configuration.

3.2.1 Changing the LCD display

You may decide that you don't want to display icons on the LCD screen, or that you don't want the LCD screen to display anything. Use the Display button to cycle through the display modes.

When you turn the camera on, the LCD display shows icons and picture by default.

- Press the Display button once to display important icons.
- Press the Display button a second time to turn off the icons and display only the LCD image.
- Press the Display button a third time to turn off LCD image completely.
- Press the Display a fourth time to display the icons and the LCD image again.

Note: Turning the LCD display off increases battery life.

About the LEDs

The following tables explain the meaning of the LEDs.

Photo/SCN mode	Back, Green	Back, Red	Front, Red	Top, Blue
Power on	—	—	—	●
Power off	—	—	—	—
Self timer	—	*	*	●
Flash charging	—	*	—	●
Record/ busy	—	*	—	●
Focusing	—	*	—	●
Ready to shoot	●	—	—	●
Error	—	●	—	●
Picture captured	—	—	*	●

Playback Mode	Back, Green	Back, Red	Front, Red	Top, Blue
Power on	—	—	—	●
Power off	—	—	—	—
Error	—	●	—	●

Video mode	Back, Green	Back, Red	Front, Red	Top, Blue
Power on	—	—	—	●
Power off	—	—	—	—
Self timer	—	*	*	●
Record/ busy	—	*	—	●
Focusing	—	*	—	●
Ready to shoot	●	—	—	●
Error	—	●	—	●
Video captured	—	●	—	●

Other	Back, Green	Back, Red	Front, Red	Top, Blue
Power saving	—	*	—	●

Legend:

● : LED on

* : LED blinking

— : LED off

3.3 Shutter priority mode

Shutter priority mode is a semi-automatic mode. You select the shutter speed, and the camera sets everything else.

3.3.1 Using shutter priority mode

Shutter priority mode is the only mode in which you can set the shutter speed manually. You may want to use a fast shutter speed to freeze fast moving objects, or you may want to use a slower shutter speed to produce a blur effect.

Note: When using a slow shutter speed, the camera will set a small aperture, which will give a large field of focus, meaning that more of the subject area will be in sharp focus. With a slow shutter speed the camera will set a wider aperture and therefore a smaller field of focus.

To set the shutter speed:

1. Use the mode dial to switch the camera to S Mode.
2. Use the joystick (up and down) to set the shutter speed when prompted.
3. Press the center joystick button to confirm.

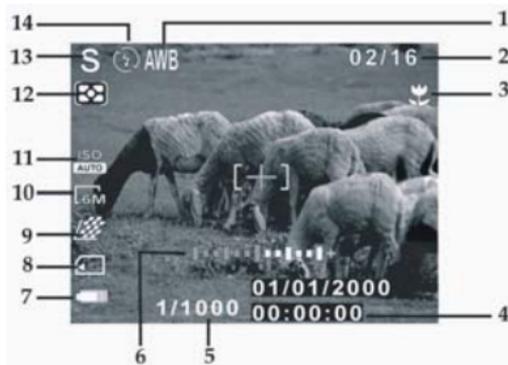


The camera shutter speed can be set to between 8 seconds, and 1/2000 second. When the shutter speed is set, the camera can be used exactly as if it was in Auto mode. See “Auto

Mode” on 3.4 .

3.3.2 Icons

The following screen shows the shutter priority mode icons and their descriptions.



Icon	Name	Description
1	White balance	Indicates the current white balance setting.
2	Photo number	Indicates how many pictures are stored in memory / the total number of photos that will fit in memory.
3	Macro	Indicates macro mode is active.

Icon	Name	Description
4	Date/Time	Shows current date and time.
5	Shutter Speed	Indicates the shutter speed setting.
6	EV	Indicates current EV compensation setting.
7	Battery	Indicates current battery status.
8	Memory card	Indicates memory card status.
9	Quality	Indicates current quality setting.
10	Resolution	Indicates current resolution setting.
11	ISO	Indicates current ISO setting.
12	Metering	Indicates current metering setting.
13	Mode	Indicates current mode.
14	Flash	Indicates current flash setting.

3.3.3 Flash

Press the flash button to cycle through the six flash modes. The flash mode is indicated by the flash icon at the top of the LCD screen. The following table explains the six different flash modes.

Flash
mode



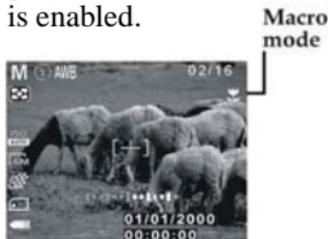
Icon	Description
	No flash, the flash never fires.
	Force flash, the flash always fires.
	Auto flash, the flash fires only in low light conditions.
	Auto flash with red eye reduction, the flash fires in low light conditions and flashes briefly before the photo is taken to reduce the red eye effect.
	Force flash with red eye reduction, the flash always fires and flashes briefly before the photo is taken to reduce the red eye effect.
	Slow sync flash. This mode is designed for low light conditions and long shutter speeds.

Note: The flash function works in shutter priority, auto, manual, and scene modes. The flash cannot be used

in video mode.

3.3.4 Macro

When the **macro** function is enabled, the camera can focus recommend a range here.on very close subjects (<30cm). Press the joystick left to toggle the macro function on and off. A macro icon is displayed on the LCD screen to indicate when macro mode is enabled.



Note: The macro function works in shutter priority, auto, manual, scene, and video modes.

3.3.5 Zoom

The **zoom** function enables you to get up close to far away subjects, or move away from very close subjects. A rocker switch on the rear of the camera controls the zoom action.



Press the left hand, W side of the zoom control to zoom out or move away from the subject. Press the right hand, T side of the zoom control to zoom in or move closer to the subject.

The camera is equipped with a 3x optical zoom and a 4x digital zoom. The optical zoom physically adjusts the lens to magnify the image. The digital zoom simply enlarges the image. When using the zoom function the camera uses the optical zoom as far as possible, and then the digital zoom.

3.3.6 Menu options

Menu options in shutter priority mode are almost exactly the same as those in Manual mode, see “Menu options” on **3.5.6**. However, there is an additional option in shutter priority mode that can be used to change the shutter speed.

To change the shutter speed setting:

1. Press the menu button to display the menu.
2. Use the joystick (left and right) to highlight the SHUTTER option and press the center joystick button to confirm.
3. Use the joystick (up and down) to highlight a shutter setting and press the center joystick button to confirm.
4. Press the menu button to exit the menu.

The new shutter setting will remain active until you change it.

3.4 Auto Mode

Auto mode is a fully automatic mode. In normal conditions, automatic mode is likely to be the best option as you don't have to change any settings.

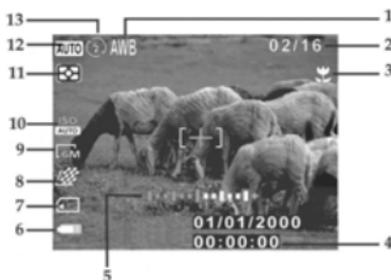
3.4.1 Using auto mode

1. Use the mode dial to switch the camera to A Mode.
2. Compose your picture using the viewfinder or LCD screen.
3. Press the shutter button to capture the shot.



3.4.2 Icons

The following screen shows the auto mode icons and their descriptions.



Icon	Name	Description
1	White balance	Indicates the current white balancesetting.

Icon	Name	Description
2	Photo number	Indicates how many pictures are stored in memory / the total number of photos that will fit in memory.
3	Macro	Indicates macro mode is active.
4	Date / Time	Shows current date and time.
5	EV	Indicates current EV compensation setting.
6	Battery	Indicates current battery status.
7	Memory card	Indicates Memory card status.
8	Quality	Indicates current quality setting.
9	Resolution	Indicates current resolution setting.
10	ISO	Indicates current ISO setting.
11	Metering	Indicates current metering setting.
12	Mode	Indicates current mode.
13	Flash	Indicates current flash setting.

3.4.3 Flash

See “Flash” on **3.3.3**.

3.4.4 Macro

See “Macro” on **3.3.4**.

3.4.5 Zoom

See “Zoom” on **3.3.5** .

3.4.6 Menu options

The **menu** options in auto mode are almost exactly the same as those in Manual mode, see “Menu options”. However, in auto mode you are not able to set the WB option or the focus option in the detail menu.

3.5 Manual mode

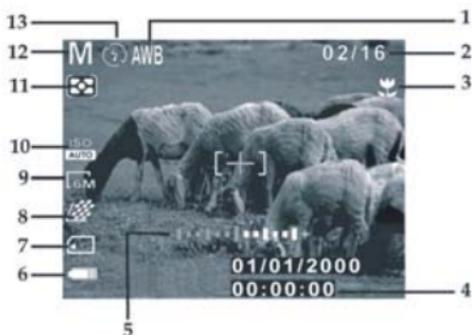
Manual mode is an advanced mode in which all settings are configurable.

3.5.1 Using manual mode

1. Use the mode dial to switch the camera to M Mode.
2. Compose your picture using the viewfinder or LCD screen.
3. Press the shutter button to capture the shot.

3.5.2 Icons

The following screen shows the auto mode icons and their descriptions.



Icon	Name	Description
1	White balance	Indicates the current white balance setting.
2	Photo number	Indicates how many pictures are stored in memory / the total number of photos that will fit in memory.
3	Macro	Indicates macro mode is active.
4	Date/Time	Shows current date and time.
5	EV	Indicates current EV compensation setting.
6	Battery	Indicates current battery status.
7	Memory card	Indicates memory card status.
8	Quality	Indicates current quality setting.
9	Resolution	Indicates current resolution setting.
10	ISO	Indicates current ISO setting.
11	Metering	Indicates the current metering setting.
12	Mode	Indicates current mode.
13	Flash	Indicates current flash setting.

3.5.3 Flash

See “Flash” on 3.3.3 .

3.5.4 Macro

See “Macro” on 3.3.4 .

3.5.5 Zoom

See “Zoom” on 3.3.5 .

3.5.6 Menu options

In Manual mode there are a number of menu options available. View the menu options by pressing the menu button.

Self timer.

Use the self timer to add a delay between pressing the shutter button and the picture being captured.

To set the self timer option:

1. Press the menu button to display the menu.
2. Use the joystick (left and right) to highlight the SELF TIMER option (Off,  , ) and press the center joystick button to confirm.
3. Use the joystick (up and down) to highlight a self timer setting and press the center joystick button to confirm.
4. Press the menu button to exit the menu.

The new self timer setting will remain active until you change it.

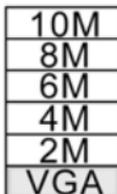
Pixel

The **Pixel** option lets you change the resolution of the captured picture.

To change the pixel setting:

1. Press the menu button to display the menu.

2. Use the joystick (left and right) to highlight the PIXEL option and press the center joystick button to confirm.



3. Use the joystick (up and down) to highlight a pixel setting and press the center joystick button to confirm.



4. Press the menu button to exit the menu.

The new pixel setting will remain active until you change it.

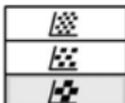
Quality

The **Quality** option lets you change the quality of the captured picture.

To change the quality setting:

1. Press the menu button to display the menu.

2. Use the joystick (left and right) to highlight the QUALITY option and press the center joystick button to confirm.



3. Use the joystick (up and down) to highlight a quality setting and press the center joystick button to confirm.

4. Press the menu button to exit the menu.

The new quality setting will remain active until you change it.

The **Exp Comp** option lets you increase or decrease the exposure of the captured picture.

To change the exp comp setting:

1. Press the menu button to display the menu.
2. Use the joystick (left and right) to highlight the EV option and press the center joystick button to confirm.
3. Use the joystick (up and down) to highlight a exposure compensation setting and press the center joystick button to confirm.

The exposure compensation can be set to values between 2.0- ~ +2.0 in 1/3 steps.

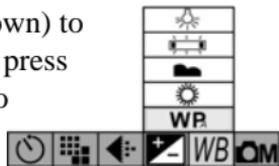
4. Press the menu button to exit the menu.

The exp comp setting will remain active until you change it.

WB

The **WB** option lets you set the white balance.

1. Press the menu button to display the menu.
2. Use the joystick (left and right) to highlight the WB option and press the center joystick button to confirm.
3. Use the joystick (up and down) to highlight a WB setting and press the center joystick button to confirm.



4. Press the menu button to exit the menu.

The WB setting can be set to tungsten, fluorescent, cloudy, sunny, or automatic. The WB setting will remain active until you change it.

Detail

The **Detail** option lets you change the color mode, chroma, sharpness, focus settings, long exposure, ISO, metering, and digital zoom settings.

1. Press the menu button to display the menu.
2. Use the joystick (left and right) to highlight the **DETAIL** option and press the center joystick button to confirm. The detail submenu is displayed.
3. Use the joystick (up and down) to highlight a detail setting and press the joystick right button to confirm.
4. Use the joystick (up and down) to highlight a setting.
5. Press the center joystick button to confirm and exit the menu.

The color mode can be set to color, black and white, or sepia. Chroma and Sharpness can be set to standard or increased or decreased. The focus mode can be set to auto, area spot, or manual.

Auto focus is entirely automatic. Area spot focus will cause the camera to focus just on the area in the center of the picture marked with a cross on the LCD screen. Manual focus lets you choose an area (center, up, down, left, or right) on which to focus using the joystick control.

The long exposure setting can be set to off, 2, 4, 6, or 8 seconds. The ISO setting can be set to auto, ISO100, ISO200, or ISO400. Metering can be set to matrix (average over picture), center weighted, spot (in the center of picture), or the auto focus area. The digital zoom can be turned on or off. All detail settings remain active until you change them.

3.6 Scene mode

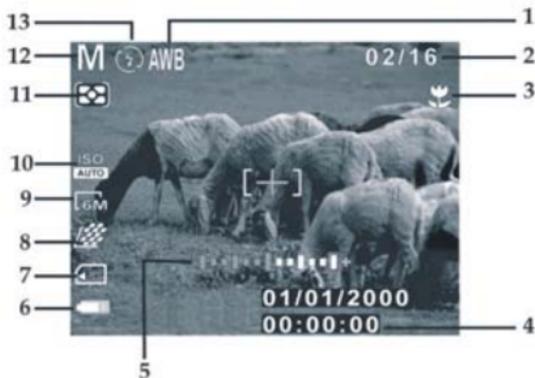
Scene mode is very simple to use and includes a set of 15 preset programs to make picture taking easy. All the settings are made for you.

3.6.1 Using scene mode

1. Use the mode dial to switch the camera to SCN Mode.
2. Choose a preset program when prompted using the joystick (up and down). Press the center joystick button to confirm.
3. Compose your picture using the viewfinder or LCD screen.
4. Press the shutter button to capture the shot.

3.6.2 Icons

The following screen shows the auto mode icons and their descriptions.



Icon	Name	Description
1	White balance	Indicates the current white balance setting.
2	Photo number	Indicates how many pictures are stored in memory / the total number of photos that will fit in memory.
3	Macro	Indicates macro mode is active.
4	Date/Time	Shows current date and time.
5	EV	Indicates current EV compensation setting.
6	Battery	Indicates current battery status.
7	Memory card	Indicates memory card status.
8	Quality	Indicates current quality setting.
9	Resolution	Indicates current resolution setting.
10	ISO	Indicates current ISO setting.
11	Metering	Indicates the current metering setting.
12	Mode	Indicates current mode.
13	Flash	Indicates current flash setting.

3.6.3 Scenes

There are 15 available preset scenes to choose from.

Icon	Name	Description
	Fireworks	For capturing pictures of bright subjects in dark conditions. Ideal for fireworks.
	Night portrait	For capturing fairly close subjects in dark conditions.
	Night landscape	For capturing distant subjects in low light conditions.
	Party	For capturing action in low light conditions with localized bright spots.
	Sport	For capturing fast moving subjects in good light conditions.
	Backlight	For capturing images with strong backlight.
	Self portrait	To capture images including the photographer.
	Portrait	For capturing fairly close subjects in normal light conditions.
	Macro	For capturing very close subjects in good light conditions.
	Beach	For capturing images in bright sunlight with large reflective surfaces.
	Landscape	For capturing distant subjects in good light conditions.

Icon	Name	Description
	Sunset	For capturing sunsets or when shooting towards the light.
	Copy	For capturing close subjects in normal light conditions in high detail.
	Snow	For capturing images outside against very bright backgrounds.
	Black and White	For capturing black and white images.

3.6.4 Zoom

See “Zoom” on 3.3.5 .

3.6.5 Menu options

The **menu** options in scene mode are limited because everything is automatically set. You can, however, change the pixel and quality options, see “Pixel” and “Quality”. You can also change the scene setting.

To change the scene setting:

1. Press the menu button to display the menu.
2. Use the joystick (left and right) to highlight the SCENE option and press the center joystick button to confirm.
3. Use the joystick (up and down) to highlight a scene setting and press the center joystick button to confirm.
4. Press the menu button to exit the menu.
5. The new scene setting will remain active until you change it.

3.7 Setup

Use **setup** mode to change the camera configuration to suit your personal preferences. Use the mode dial to switch the camera to SET UP Mode.

3.7.1 Date/time

See “Setting the date and time” on **2.5.1**.

3.7.2 Insert date

Use the **insert date** function to display the date on each still picture you capture.

To set the insert date option:

1. Set the camera to set up mode using the mode dial.
2. Highlight the insert date option using the joystick (left and right). Press the center joystick button to confirm.
3. Use the joystick (up and down) to highlight the on or off option. Press the center joystick button to confirm.

3.7.3 Format

Use the **format** option to format the camera memory or memory card.

To use the format option:

1. Set the camera to set up mode using the mode dial.
2. Highlight the format option using the joystick (left and right). Press the center joystick button to confirm.
3. Use the joystick (up and down) to highlight the memory card  or internal memory  option. Press the center joystick button to confirm.
4. Press the center joystick button a second time to confirm. The chosen media is formatted.

Note: When you format memory all data will be deleted. Make sure you back up all your files before you perform a format operation.

3.7.4 Power saving

Use the **power saving** function to turn the camera off after a preset period of inactivity.

To set the power saving function:

1. Set the camera to set up mode using the mode dial.
2. Highlight the insert power saving option using the joystick (left and right). Press the center joystick button to confirm.
3. Use the joystick (up and down) to highlight the power saving option you require (off, 1, 5, or 10 minutes). Press the center joystick button to confirm.

3.7.5 Beep vol

See “Setting the beep function” on **2.5.2** .

3.7.6 Shutter vol

Use the shutter volume option to set the shutter sound volume.

To set the shutter volume:

1. Set the camera to set up mode using the mode dial.
 2. Highlight the shutter vol option using the joystick (left and right). Press the center joystick button to confirm.
 3. Use the joystick (up and down) to highlight the on or off option.
 4. If the on option is highlighted, use the joystick (left and
-

right) to set the volume level.

5. Press the center joystick button to confirm.

3.7.7 Start Screen

Use the **start screen** option to set the start screen.

To set the start screen:

1. Set the camera to set up mode using the mode dial.
2. Highlight the start screen option using the joystick (left and right). Press the center joystick button to confirm.
3. Use the joystick (up and down) to highlight the start screen option you require.
4. Press the center joystick button to confirm.

3.7.8 Rec review

Use the **rec review** option to set the amount of time a picture taken in shutter, auto, manual, and SCN mode remains in the LCD before disappearing.

To set the rec review time:

1. Set the camera to set up mode using the mode dial.
2. Highlight the rec review option using the joystick (left and right). Press the center joystick button to confirm.
3. Use the joystick (up and down) to highlight the rec review time (OFF, 2, or 4 seconds) you require.
4. Press the center joystick button to confirm.



3.7.9 Language

See “Setting the language” on **2.5.3** .

3.7.10 Reset

Use the **reset** option to reset all settings to the factory default.

To use the reset function:

1. Set the camera to set up mode using the mode dial.
2. Highlight the reset option using the joystick (left and right).
Press the center joystick button to confirm.
3. Press the center joystick button to reset all settings to the factory default.

3.7.11 Frequency

Use the **frequency** option to set the LCD screen frequency to the same frequency as the mains power supply in your area. This is to limit flickering on the screen when viewed under artificial light.

To set the frequency:

1. Set the camera to set up mode using the mode dial.
2. Highlight the frequency option using the joystick (left and right). Press the center joystick button to confirm.
3. Use the joystick (up and down) to highlight the frequency option you require (50HZ or 60HZ).
4. Press the center joystick button to confirm.

3.7.12 TV out

Use the **TV out** option to set camera TV out mode to match the TV system in your area.

To set the TV out mode:

1. Set the camera to set up mode using the mode dial.
2. Highlight the TV out option using the joystick (left and right). Press the center joystick button to confirm.
3. Use the joystick (up and down) to highlight the TV mode option you require (NTSC or PAL).
4. Press the center joystick button to confirm.

3.8 Connect

Use **connect** mode when you want to connect to an external device. Use the USB/TV-out cable to connect to a TV, computer, or printer.

3.8.1 Using connect mode

1. Use the mode dial to switch the camera to connect  Mode.
2. Use the joystick to highlight the TV, computer, or printer icon and press the center joystick button to confirm.

The camera is then ready to connect to an external device.

Connecting to a TV

Connect to a TV as described in “Connecting to a TV” on **2.9.1**. Pictures and video stored in the camera can then be viewed on the TV screen.



Connecting to a computer

Connect to a computer as described in “Connecting to a computer” on **2.9.1**. Files stored on the camera can then be transferred to the computer hard drive.

When connected to a computer your camera memory will appear as a removable disk. Files can be transferred by dragging and dropping using Windows Explorer.

Before connecting to a computer for the first time, make sure you have read “Drivers” on **4.1**.

Connecting to a printer

If your printer supports direct printing, you can connect your camera to it using the USB cable supplied. See “DPS mode” on **3.12** for details about how to print directly to your printer.

3.9 Video mode

Use video mode to record video footage.

3.9.1 Using video mode

1. Use the mode dial to switch the camera to video  Mode.
2. Compose your picture using the viewfinder or LCD screen.
3. Press the shutter button to begin shooting. Press the shutter button a second time to stop shooting.



3.9.2 Icons

The following screen shows the auto mode icons and their descriptions.



Icon	Name	Description
1	White balance	Indicates the current white balance setting.
2	Macro	Indicates macro mode is active.
3	Date/Time	Shows current date and time.
4	Battery	Indicates current battery status.
5	Memory card	Indicates memory card status.
6	Quality	Indicates current quality setting.
7	Mode	Indicates current mode.

3.9.3 Menu options

The **menu** options in video mode are almost exactly the same as in Manual mode. See “Menu options” on 3.5.6. However, in video mode there is no facility to change the pixel setting, and there are only two options, sound and color mode, available in the details menu. Sound recording can be turned on or off.

3.10 Playback mode

Use playback mode to view the pictures and videos stored in the camera, on the LCD screen.

3.10.1 Using playback mode

1. Use the mode dial to switch the camera to playback  Mode.
2. Use the joystick (left and right) to scroll through the pictures and videos stored in the camera.
3. Press the center joystick button to start and stop videos.

3.10.2 Menu options

Menu options in playback mode let you adjust the display, add a sound to photos, protect a file, erase files, rotate a picture, auto play, or print (set DPOF format). Press the menu button to display menu options.

Display

The display can show a single picture, four pictures at once, or nine pictures at once.

To change the display:

1. Press the menu button to display the menu.
2. Use the joystick (left and right) to highlight the DISPLAY option and press the center joystick button to confirm.
3. Use the joystick (up and down) to highlight a display setting and press the center joystick button to confirm. You

can preview a single-shot, 4 shots in one screen, or 9 shots in one screen.

4. Press the menu button to exit the menu.

The display option will default to a single picture on the screen at a time when you next use playback mode.

Recording

The **recording** option lets you add a sound to a picture.

To add a sound to a picture:

1. Switch the camera to playback mode and display the picture to change on the screen.
2. Press the menu button to display the menu.
3. Use the joystick (left and right) to highlight the **RECORDER** option and press the center joystick button to confirm.
4. Press the center joystick button to begin recording. You can record up to 30 seconds of audio.
5. Press the center joystick again to end the recording.
6. Press the menu button to exit the menu.

The new audio recording will be associated with the chosen picture. The recording can be played when the picture is displayed by pressing the center joystick button.

Protect

Use the **protect** option to prevent accidental deletion of a picture or video file.

To protect a file:

1. Switch the camera to playback mode and display the picture to change on the screen.

2. Press the menu button to display the menu.
3. Use the joystick (left and right) to highlight the PROTECT option and press the center joystick button to confirm.
4. Use the joystick button (up and down) to select the SET or CANCEL option. Press the center joystick button to confirm.
5. Press the menu button to exit the menu.

When the protect option is SET, the file cannot be accidentally deleted using the erase, erase all function.

Erase

Use the **erase** function to delete the currently displayed picture or video.

To erase a picture or video:

1. Switch the camera to playback mode and display the picture or video to erase on the screen.
2. Press the menu button to display the menu.
3. Use the joystick (left and right) to highlight the ERASE option and press the center joystick button to confirm.
4. Use the joystick (up and down) to highlight the execute or cancel option. Press the center joystick to confirm.

The current picture or video is deleted.

You can use the joystick (left and right) to change the current picture or video if required.

5. Press the menu button to exit the menu.

Erase all

The **erase all** function works exactly like the erase function, but deletes all files, not just the currently displayed picture or video.

Rotate

Use the **rotate** option to rotate the currently displayed image.

To rotate an image:

1. Switch the camera to playback mode and display the picture to change on the screen.
2. Press the menu button to display the menu.
3. Use the joystick (left and right) to highlight the ROTATE option and press the center joystick button to confirm.
4. Use the joystick (up and down) to select the type of rotation, 90° clockwise or 90° counterclockwise.
5. Press the center joystick button to confirm.
6. Press the menu button to exit the menu.

Auto play

Use the **auto play** option to automatically display the pictures and videos stored in the camera.

To use the auto play function:

1. Press the menu button to display the menu.
2. Use the joystick (left and right) to highlight the AUTO PLAY option and press the center joystick button to confirm. The auto play submenu is displayed.
3. Use the joystick up and down to select any of the items to change and use the joystick (right and left) to make the change.
4. Use the joystick (up and down) to highlight the start option and press the center joystick button to confirm. The auto play function begins.

Print

Use the print function to set the DPOF settings for each photo for printing. You can tag all pictures to be printed or just the current picture. You can also select how copies are printed and whether to include the date and time. The DPOF function requires a memory card. When all images to be printed are tagged, remove the memory card and take it to a photographic shop for printing or use it with a DPOF compatible printer.

To use the Print function:

1. Press the Menu Button to display the menu.
2. Use the joystick (left and right) to highlight the PRINT icon and press the joystick button to confirm.
The Print Setting menu is displayed.
3. Use the joystick (up and down) to select any of the items to change and use the joystick (right) to make the change.
4. Use the joystick (up and down) to highlight the print option and press the joystick button to confirm.

The print settings are applied to the current picture or pictures. You can then take your memory card to a photo shop and print the pictures per your own specifications.

3.11 Continuous mode

Continuous mode lets you take a series of still pictures with a single press of the shutter button.

3.11.1 Using continuous mode

1. Use the mode dial to switch the camera to continuous  Mode.
2. Compose your picture using the viewfinder or LCD screen.
3. Press the shutter button to capture the shots.

3.11.2 Menu options

Menu options in continuous mode are almost exactly the same as in auto mode, see “Menu options” on 3.4.6. However, there is an extra option to enable you to change the continuous option.

To set the continuous option:

1. Press the menu button to display the menu.
2. Use the joystick (left and right) to highlight the CONT option and press the center joystick button to confirm.
3. Use the joystick (up and down) to highlight a cont setting and press the center joystick button to confirm.



BKT Bracketing (BKT): Select between 3 Continuous Shots and 5 Continuous Shots. Select a scope for the Standard Exposure Value; you can adjust for according to the Standard Exposure Value.

 **Auto Continuous Capture:** Continuous capture settings are automatically set and cannot be adjusted.

 **Zoom Continuous Capture:** Continuous capture shots are automatically taken after zooming. This method takes longer than Auto Continuous Capture.

4. Press the menu button to exit the menu.

The continuous capture setting remains active until you change it.

3.12 DPS mode

DPS is a standard that enables you to connect the camera directly to a printer using the USB interface. To use the DSP function, you must have a compatible printer. Using the DSP function you can print photos straight from the camera to a printer.

To use the DPS function:

1. Use the mode dial to switch the camera to DPS Mode.
2. Connect the camera to the printer using the USB cable.
Connect the printer the same way you would connect a PC as described in “Connecting to a computer” on **2.9.2** .
3. Press the joystick (left and right) to select the image and press the MENU button to confirm.

The selected picture is output to the printer.



4. Installing the software and drivers

Read this section to learn how to install drivers and software for the camera.

4.1 Drivers

You can use the “Mass Storage” functions of the camera on the PC.

4.1.1. Mass Storage

The digital camera offers Mass Storage function as a card reader device. You can treat this digital camera as an SD device

You will only need to install a driver for the camera if your operating system is Windows 98SE. Windows XP/ME/2000 are plug and play operating systems and do not require a driver to be manually loaded.

When the driver has been installed and the camera is connected, the camera memory and any installed mini SD card will appear as Mass Storage in Windows Explorer. Files can be dragged and dropped in the same way as on an ordinary disk.

Please follow the instructions below:

1. Insert the supplied CD-ROM in the CD-ROM drive.
2. If the CD-ROM doesn't automatically boot, use Windows Explorer to execute the InstallMgr.exe file in the root directory.

The following screen is displayed.



Install
button

3. Click the install button to install the driver.
 4. Follow the on-screen instructions.
 5. Click Finish to restart the computer and finish the camera driver installation.
-

4.2. Presto! Video Works 6

Presto! Video Works 6 is an advanced software application for editing video.

To install Presto! Video Works 6:

1. Insert the supplied CD-ROM in the CD-ROM drive.
2. If the CD-ROM doesn't automatically boot, use Windows Explorer to execute the InstallMgr.exe file in the root directory.

The following screen is displayed.



3. Click the install button to begin the installation process follow the instructions on-screen.

More information about Presto! Video Works 6 can be found in the help files when the application is started.

4.3. Presto! Mr. Photo 3

Presto! Mr. Photo 3 is an advanced photo editing software application.

To install Presto! Mr. Photo 3:

1. Insert the supplied CD-ROM in the CD-ROM drive.
2. If the CD-ROM doesn't automatically boot, use Windows Explorer to execute the InstallMgr.exe file in the root directory.

The following screen is displayed.



3. Click the install button to begin the installation process follow the instructions on-screen.

More information about Presto! Mr. Photo 3 can be found in the help files when the application is started.

Appendix

Specifications

General	
Imaging sensor	1/1.8" sharp 6.2 megapixel CCD image sensor
Active pixels	6.0 megapixels
Storage media	Built-in 32 MB Flash memory SD/MMC card (32/64/128/256/512 MB)
Sensor sensitivity	ISO Auto 100, 200, 400 equivalent, user definable
Lens	3X optical zoom lens Wide: F2.8, f=7.3mm Tele: F4.9, f=21.9
Focus range	Normal : 12 in.~inf Macro : <12 in. (wide only)
Still image	Formats: JPEG (EXIF), DCF, DPOF, Direct Print (DPS) Resolution: VGA, 2M, 4M, 6M, 8M, 10M (firmware interpolation) Quality: Fine, Normal, Basic
Movie clips	AVI 320 x 240 pixels, 25 fps
Zoom	3x optical zoom, 4x digital zoom
LCD screen	2.0-inch LTPS High resolution TFT (558 x 234 pixels)
Viewfinder	Real image optical viewfinder

General	
Flash	2 ~ 6 feetrange Off /Auto/Force/Slow Sync/Force Red Eye Reduction/Auto Red Eye Reduction
White balance	Auto/sunny/cloudy/tungsten/fluorescent
EV compensation	-2.0 EV ~ +2.0 EV (in 1/3 EV steps)
Self timer	Off , 2 or 10 seconds
PC interface	USB 2.0, full speed
TV out format	NTSC/PAL
Shutter	Mechanical and electronic shutter 8 ~ 1/2000 second
Auto power off	Off, 1, 5, or 10 minutes (user definable)
Power supply	Single rechargeable Li-ion battery
Dimension	3.74"(L) x 1.45"(D) x 2.54"(H)
Weight	<5.47 ounces without batteries

Please visit our website at www.dxgusa.com for any product updates or special announcements.

You can also check out our online support desk where you can register your product, send emails to our technical support, and find a list of frequently asked questions.

DXGUSA
