MEDION®

Digitale Kamera
Digital Camera

Bedienungsanleitung
User Manual

MD 85830

Preface

About this Manual

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

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Federal Communications Commission (FCC) Compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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

Declaration of Conformity

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

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

English

Trademark Recognition

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Safety and Handling Precautions

Camera Information

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

Battery Information

- Turn off the camera before installing or removing the battery.
- Use only the type of battery. Using other types of battery may damage the equipment and invalidate the warranty.
- Inserting the battery upside down can cause damage to the product and possibly start a fire.
- Download all pictures and remove the battery from the camera if you are going to store the camera for long periods.

English

Table of Contents

Introduction

Congratulations on the purchase of your new digital camera. This manual provides step-by-step instructions on how to use your camera, and is intended for your reference only.

System Requirements

In order to get the most ou t of your camera, your comp uter must meet the following system requirements:

- OS: Windows XP/Vista
- Memory: 128MB or above
- HDD space: 40 MB or above
- USB port

Package Contents

Check the contents of your camera package. It should contain:

- Digital camera
- USB/AV 3-in-1 cable
- Wrist strap
- Two AA batteries
- Camera pouch
- Quick start guide for all regions
- Bundled AP-CD (Application Software, Driver and User's Manual for all regions)

Main Features

- 7.1 mega pixels resolution
- 15x zoom (Up to 3x optical zoom and 5x digital zoom)
- 1/2.5 inch CCD image sensor
- 2.4 inch LTPS TFT LCD monitor
- 10.5 MB internal flash memory with optional external SD/MMC/SDHC card (supported up to 8G)
- Sleek and slim design
- Easy-to-use button interface
- PictBridge compatibility
- Slideshow feature to review your pictures and movies
- A/V output to view your pictures and movies on your TV
- USB port to transfer photos and movies to your PC

Camera Views

Front View

Flash

Self-timer LED

Zoom Lens

Wrist strap loop

Microphone

Back View

Zoom button

Playback button

Four-way navigation buttons

OK button

Scene button

LCD screen

Menu button

Top View

Zoom Lens

Shutter button

Power button

Bottom View

Battery/SD card compartment ——————— Tripod mount

Left / Right View

Wrist strap loop

Speaker

USB/AV port
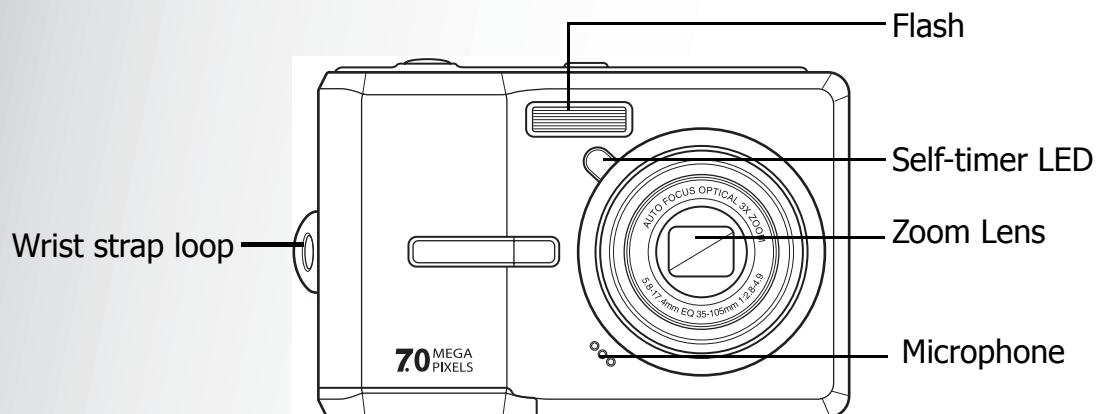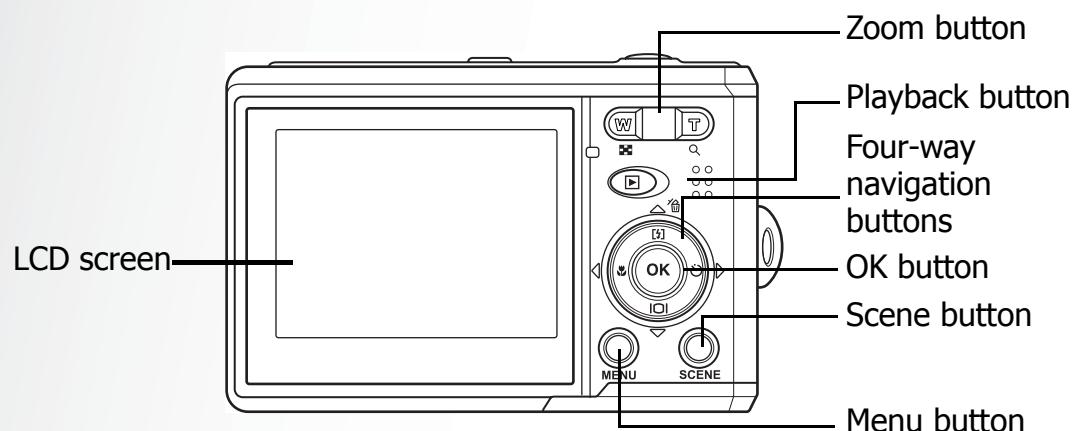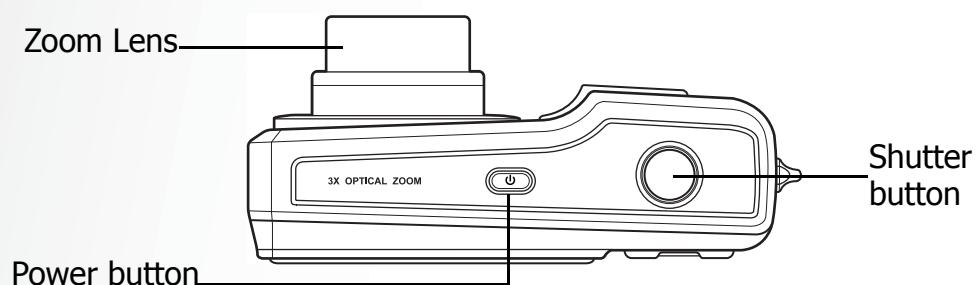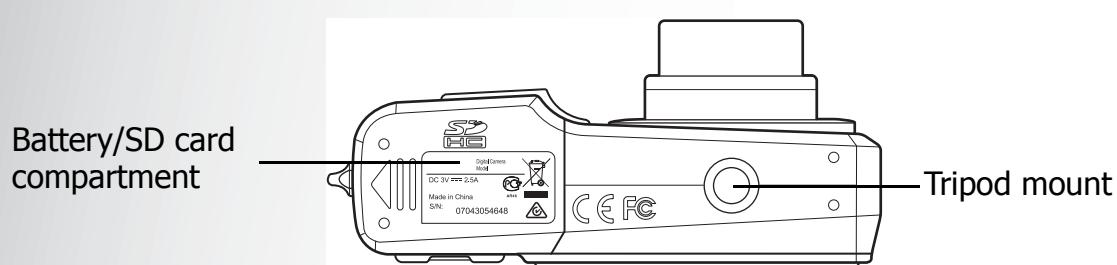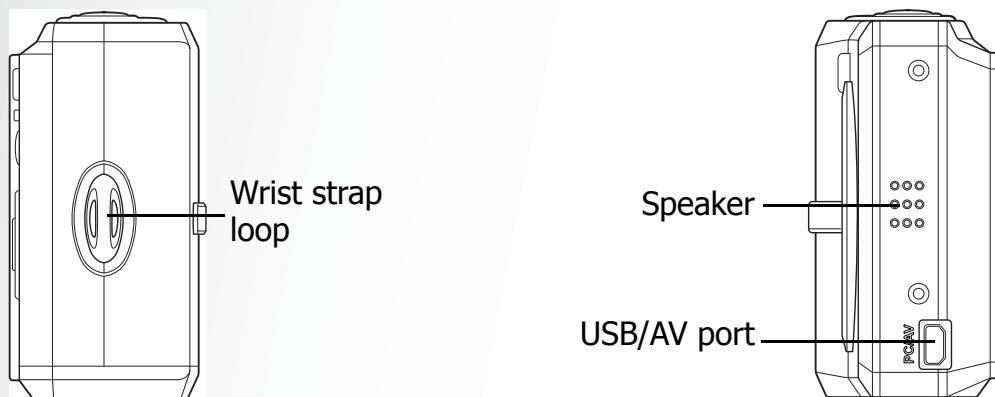
LED Indicators

LED	LED Status	Camera Status
Power/Flash LED	Off	Power Off.
	Green (steady)	Ready to take pictures.
	Green (blinking)	Camera busy.
	Red (blinking)	Fail to focus.
Self-timer LED/ Assist Lamp	Off	Self-timer off.
	Red (blinking) (1Hz)	Self-timer count down, flashes during last 8 seconds.
	Red (blinking) (4Hz)	Self-timer count down, flashes during last 2 seconds.

Camera Buttons

Navigation Buttons

The four-way navigation buttons and the **OK** button allow you to access the various options available from the On Screen Display (OSD) menu. You can configure a wide range of settings to ensure maximum results from your photos and videos.

Icon	Button	Function
OK	OK	1. Confirms a selection when using the OSD menus. 2. In Capture mode: • Press to enable AF area selection when **Selected Area** is selected in **Focus Zone** submenu 3. In Playback mode: • Press to start and pause the video playback • Press to stop the voice memo playback 4. In USB mode: • MSDC: N/A • PTP: Press to confirm the selection
[4] 徊	Up/Flash/Delete	1. Moves up in the OSD menus. 2. In Capture mode: • Scroll through the flash mode options (Auto, Off, Fill, and Anti Red-eye.) • Press to pan up in AF area selection 3. In Playback mode: • Press to pan up in magnify/crop mode • Press to move up in the thumbnail display • Press to delete images. 4. In USB mode: • MSDC: N/A • PTP: Press to scroll up through a menu

Icon	Button	Function
☉	Right/Self-timer/ Burst mode	1. Moves right in the OSD menus. 2. In Capture mode: • Press to scroll through the Self-timer/Burst/ Multi-Burst mode • Press to pan right in AF area selection 3. In Video mode: • Press to scroll through the Self-timer options 4. In Playback mode: • Press to pan right in magnify/crop mode • Press to move right in the thumbnail display • Press to navigate to next image in single up • Press to fast forward video playback 5. In USB mode: • MSDC: N/A • PTP: Press to select the next image in **This Image** submenu
|◻|	Down/Screen	1. Moves down in the OSD menus. 2. In Capture mode: • Press to turn off extra icons on the LCD screen, press again to turn all icons back on the LCD screen • Press to pan down in AF area selection 3. In Video mode: • Press to turn off extra icons on the LCD screen, press again to turn all icons back on the LCD screen 4. In Playback mode: • Press to pan down in magnify/crop mode • Press to move down in the thumbnail display • Press to show the file information 5. In USB mode: • MSDC: N/A • PTP: Press to scroll down through a menu

Icon	Button	Function
🌷	Left/Macro	1. Moves left in the OSD menus. 2. Goes up to the previous level in the OSD menus. 3. In Capture mode: • Press to enable Macro mode. Macro icon displays on the LCD screen • Press to pan left in AF area selection 4. In Video mode: • Press to display the first frame of the last video recorded 5. In Playback mode: • Press to pan left in magnify/crop mode • Press to move left in the thumbnail display • Press to navigate to previous image in single up • Press to fast rewind video playback 6. In USB mode: • MSDC: N/A • PTP: Press to select the previous image in **This Image** submenu

The Scene Button

The camera is equipped with a convenient **Scene** button that takes you to the **Scene Menu** where you can scroll between different modes and choose different scene options. Use the **Up/Down** navigation buttons to scroll and use the **OK** button to select. Use the **Scene** button to:

Mode Type	Icon	Function
Auto	⊙	Scroll to **Auto** mode.
P-Mode (Program Mode)	Ⓟ	Scroll to **Program** mode.
Portrait	👤	Scroll to **Portrait** mode.
Night Portrait	👤★	Scroll to **Night Portrait** mode.
Landscape	⛰	Scroll to **Landscape** mode.
Sport	🏃	Scroll to **Sport** mode.

Camera Buttons

Night Landscape		Scroll to **Night Landscape** mode.
Backlight		Scroll to **Backlight** mode.
Museum		Scroll to **Museum** mode.
Snow		Scroll to **Snow** mode.
Sunset		Scroll to **Sunset** mode.
Fireworks		Scroll to **Fireworks** mode.
Party		Scroll to **Party** mode.
Beach		Scroll to **Beach** mode.
Copy		Scroll to **Copy** mode.
Video		Scroll to **Video** mode.

Function Buttons

Icon	Button	Function
MENU	Menu	Press to display the Menu options.
▶	Playback	Press to review photos/videos clips saved in the internal memory or on the memory card.
🔍	Zoom in	In Capture mode: • Press to zoom in on subject to be taken In Playback mode: • Press to zoom in on saved photos
▦	Zoom out	In Capture mode: • Press to zoom out from the subject to be taken In Playback mode: • Press to zoom out of saved photos • Press to view thumbnails of all current saved media

LCD screen

The high resolution 2.4" TFT LCD screen shows all important information regarding camera settings as well as the visual image for your photo or video.

Use the **Scene** button to switch between screen modes. Press the **Down/Screen** ⃞ button to switch between a **Full** display (all icons are displayed), or a **Simple** display (only mode icon and focus area are shown while other icons are hidden).

Capture/Video Mode Display

Capture Mode

Video Mode

LCD screen

English
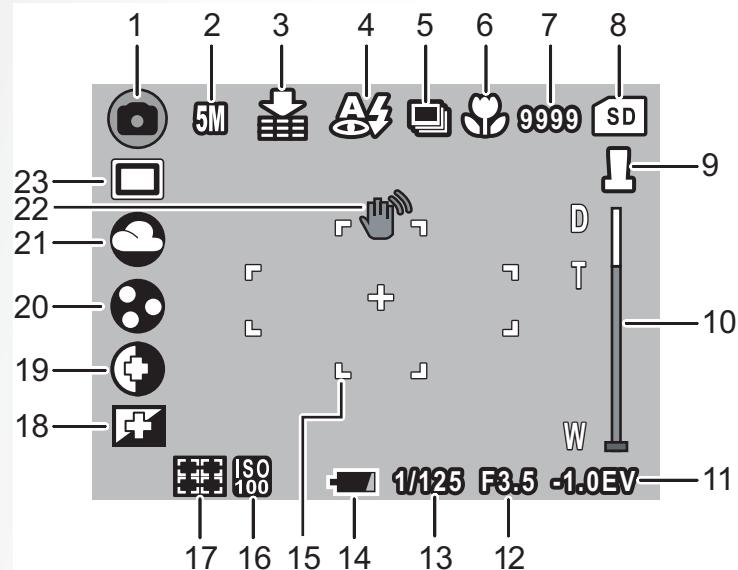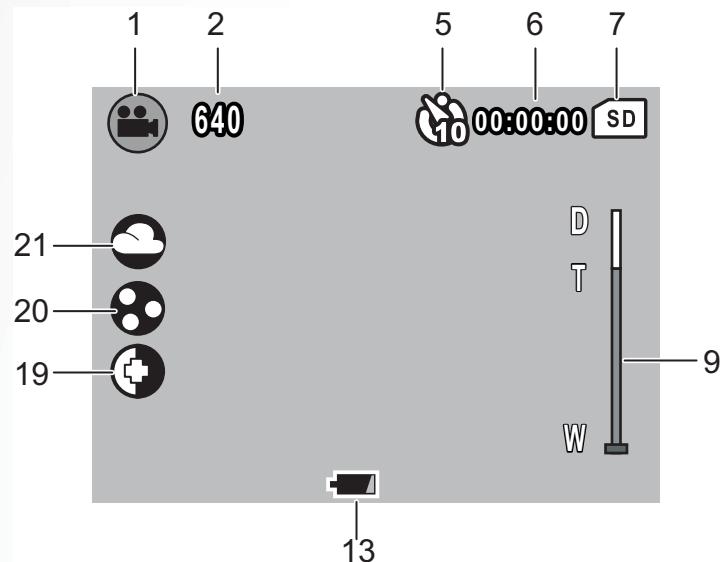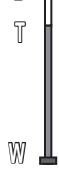
No.	Name	Scene		Icon
1	Scene indicator	Auto		
		P-Mode		
		Portrait		
		Night Portrait		
		Landscape		
		Sport		
		Night Landscape		
		Backlight		
		Museum		
		Snow		
		Sunset		
		Fireworks		
		Party		
		Beach		
		Copy		
		Video		
2	Image Resolution	7M		7M
		5M		5M
		3M		3M
		2M		2M
		VGA		VGA

LCD screen

English

3	Image Quality	Best		⛁
		Better		⛁
		Good		⛁
4	Flash	Auto Flash		A⚡
		Fill Flash		⚡
		Flash Off		⚡
		Anti Red-eye		👁⚡
5	Self-timer/ Burst mode	M-Burst		🅼
		Burst Mode		▤
		Self Timer	2 Seconds	✋
			10 Seconds	✋
6	Macro indicator	Macro Mode		❀
7	Image Counter	Capture Mode	Quantity	**9999**
		Video Mode	Timer	**00:00:00**
8	Memory Interface	SD Card		⌷SD
		Internal Memory		▣
9	Date Stamp	-		⏚
10	Zoom Bar	-		D T W
11	EV Compensation	-		**-1.0EV**
12	Aperture Value	-		**F3.5**
13	Shutter Speed	-		**1/125**
14	Battery Indicator	Battery Low		▰
		Battery Insufficient		▬

LCD screen

15	AF Frame	-		-
16	ISO Speed	Auto		ISO AUTO
		ISO 80		ISO 80
		ISO 100		ISO 100
		ISO 200		ISO 200
		ISO 400		ISO 400
		ISO 800		ISO 800
17	Focus Zone	Multi-Zone		✛
		Center		[ ]
		Selected Area		▦
18	Sharpness	High		◪
		Normal		◢
		Low		◿
19	Contrast	High		◕
		Normal		◑
		Low		◔
20	Saturation	High		◉
		Normal		◉
		Low		◉

LCD screen

English

21	White Balance	Auto		AWB
		Sunny		
		Tungsten		
		Fluorescent		
		Cloudy		
22	Camera Steady Warning	-		
23	AE Metering	Average		
		Matrix		
		Spot		

LCD screen

Camera Setup

Attaching the Wrist Strap

Follow these instructions to attach the wrist strap to your camera to facilitate easy carrying:

1. Insert the short loop of the strap in the strap eyelet.
2. String the larger loop of the strap though the short loop and pull tight to attach the strap to the camera.
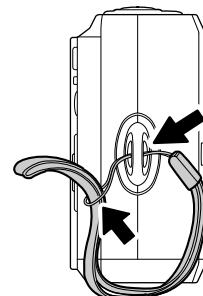
Inserting the Batteries

Follow these instructions to insert the two AA batteries into the battery compartment.

1. Open the battery compartment at the bottom of the camera.
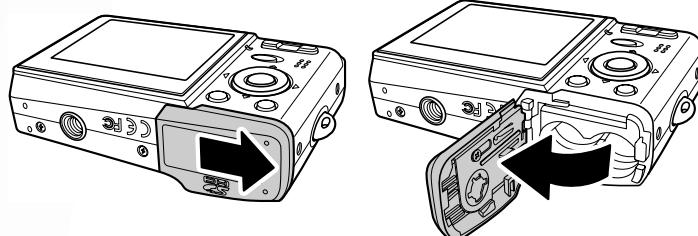
2. Insert the batteries into the compartment observing the correct polarity.
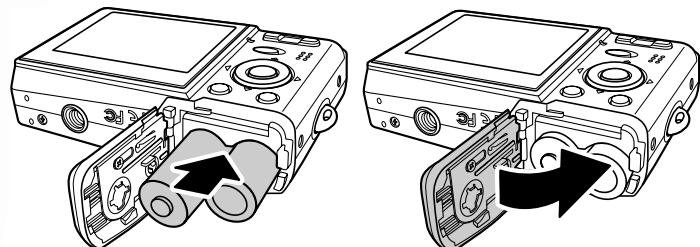
3. Close the battery compartment.
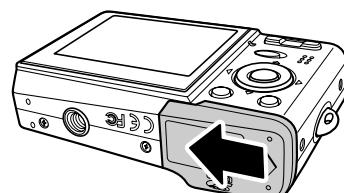
Note:
The AA batteries should be fully charged before using for the first time.

Inserting an SD/MMC/SDHC Memory Card

The camera features 10.5 MB internal flash memory but you may also use an optional SD/MMC/SDHC memory card for additional storage.

Follow these instructions to insert the SD/MMC/SDHC card.

1. Open the battery compartment at the bottom of the camera.
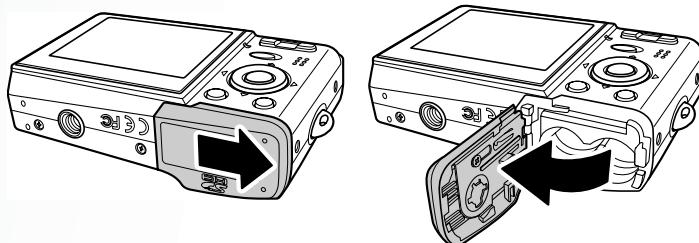
2. Insert the SD/MMC/SDHC card into the memory card slot as shown.
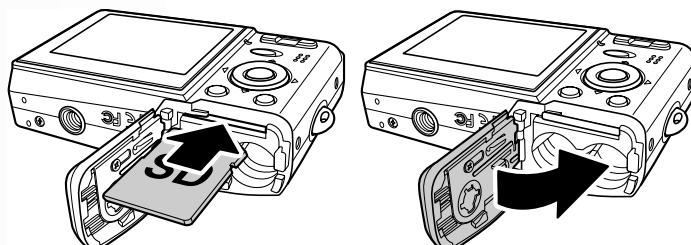
3. Close the battery compartment.
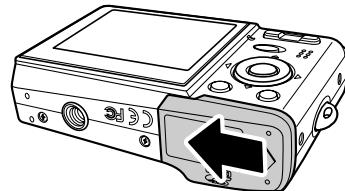
To remove the SD/MMC/SDHC card, gently push the card until it pops out. Pull out the card carefully.

Turning On

Press and hold the **Power** button to turn on the camera. To turn off the camera, press the **Power** button again.

First Time Use

Press the **Power** button as described in "Turning On" on page 14, a welcome screen displays on the LCD screen.

If the camera is turned on for the first time, the **Language** menu pops up automatically after powering on the camera.
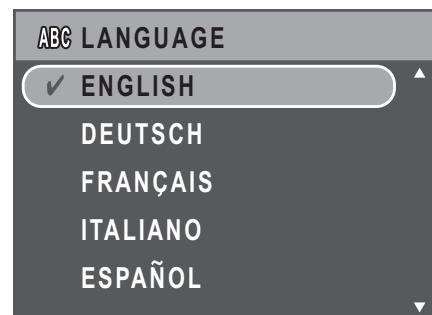
After the desired language is selected, the **Date and Time** menu pops up. Use the navigation buttons to toggle each field and adjust the value. Press the **OK** button to confirm.

7 MEGA PIXELS DIGITAL CAMERA

ABC **LANGUAGE**
✓ **ENGLISH**
　 DEUTSCH
　 FRANÇAIS
　 ITALIANO
　 ESPAÑOL

DATE & TIME
(Year)
▲
2007 / 01 / 01　12 : 30
▼

Press OK when done

Note:
If the Date and Time is reset (when running out the battery and not in use for a long period), the Date and Time setup screen displays automatically.

Getting Started

Now that you are familiar with the layout of your camera, you are ready to start taking photos and movies.

Taking your First Photo

Taking a photo with the camera is very simple.

Turn the camera on and press the **Scene** button to access the **Auto** ⬤ mode.

1. Frame the shot on the LCD screen and press the **Shutter** button halfway. The camera automatically adjusts the focus and exposure. The focus bracket turns green when ready.
2. Press fully and hold the **Shutter** button to capture the image.

When a camera steady warning icon 🖐 appears, hold the camera as still as possible, as a longer exposure time (more than 1/30 second) is required.

Using Macro Mode

Macro mode is designed for close-up photography and can capture all detail even when your subject is very close to the camera. Press the **Left/Macro** 🌷 navigation button. The Macro icon 🌷 displays on the LCD screen.

Setting the Flash Mode

You can choose from four flash modes to suit various lighting conditions.

Press the **Up/Flash/Delete** [⚡] 🗑 navigation button to scroll through the four modes on the LCD screen. The flash setting remains the same for subsequent photos until you change it as described above.

⚡ Auto flash: The flash fires automatically when needed.

⚡ Fill flash: The flash always fires.

⚡ Flash off: The flash is turned off.

⚡ Anti Red-eye: The flash fires twice so as to reduce the red-eye effect.

Using the Zoom in/out Function

The camera comes equipped with 3x optical zoom and 5x digital zoom that allows you to zoom in on your subject.

To use the zoom:

1. Press the right side of the **Zoom switch** 🔍 to zoom in on your subject.

2. Press the lefts side of the **Zoom switch** ▦ to zoom out from your subject.

Using the Self-timer and Burst Photography

The camera comes equipped with a self-timer which allows you to take photos after a pre-defined delay. The burst photography feature allows you to take multiple consecutive photos by pressing and holding the **Shutter** button. The multi-burst photography feature allows you to take multiple (16) consecutive VGA photos by pressing the **Shutter** button once.

To set the self-timer/burst mode:

1. Press the **Right/Self-timer/Burst mode** 🕐 navigation button to cycle

    through the self-timer(⏱ or ⏱) and burst photography options (▤ or ▥) on the LCD screen.

2. Once you have selected an option, frame and take your shot. In self-timer mode, the icon will flash until the time expires and the photo is taken.

3. After taking a photo, the Self-timer automatically exit. If you want to use these

    functions for the next photo, press the **Right/Self-timer/Burst mode** 🕐 navigation button again to activate the function.

Setting the Scene Mode

The camera supports various preset modes for shooting in different environments and conditions. Each setting is configured automatically by the camera.

To select scene modes:

Press the **Scene** button to access **Scene** SCN menu which displays the Scene menu options.

Use the **Up/Down** navigation buttons to scroll through the modes.

- Portrait 👤
- Night Portrait 👤★
- Landscape ⛰
- Sport 🏃
- Night Landscape ⛰★
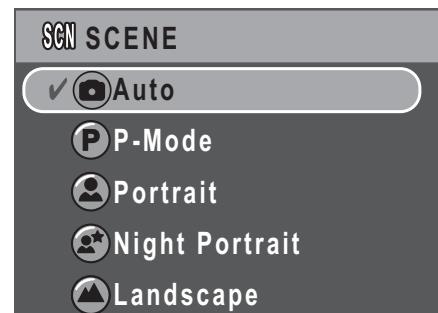
- Backlight 🌄
- Museum 🏛
- Snow ❄
- Sunset 🌅
- Fireworks 🎆
- Party 🍸
- Beach 🏝
- Copy Ⓣ

4. Press **OK** to confirm your selection.

Face Detection AF/AE Function

This function is only available in **Portrait** 👤 and

Night Portrait 👤* capture modes. When the **Shutter** button is pressed halfway, the face detection function is activated. When the subject's face is detected, the green focus frames appear on the LCD screen. Then the camera automatically adjusts the focus point and exposure to the optimized value.

However, when the camera fails to detect your subject's face, the camera will set the focus to **Multi-Zone** with a green or red focus frame.

Recording your First Video

You can also record video clips with the camera.

To record a video clip:

1. Turn the camera on and press the **Scene** button. Use the **Up/Down** navigation

   buttons to locate **Video** 📹 mode. Press the **OK** button to select.

2. Frame your subject using the LCD screen and press the **Shutter** button to start recording. The self-timer LED is steady on to indicate recording is in progress.

3. Press the **Shutter** button again to stop recording. If not, recording will continue until all free memory space is used.

4. In playback mode, press the **OK** button to playback the recording. Press the

   Up/Flash/Delete [⚡] 🗑 navigation button to delete the recording if needed.

Recording Voice Memos

You can add a **1-minute** voice memo to an image right after it's taken.

To record a voice memo:

1. Hold the **Shutter** button to start recording and release the **Shutter** button to stop recording.
2. While recording, the selected image is shown on the LCD screen.
3. The elapsed time screen shows the length of a voice memo.

Note:
A Voice Memo can also be added in Playback mode.

English

Capture Settings

This section describes the various settings you can modify to get better results when taking photos and video clips.

The Capture Menu

To access the Capture menu:

1. Press the **Scene** button. Use the **Up/Down** navigation buttons to select **Auto** ◘ or **P-Mode** P.

2. Press the **MENU** button to display menu options.

3. Press the **Up/Down** navigation buttons to highlight an option and press the **OK** button to confirm.

◉	7M
田 IMAGE RESOLUTION	▲
🔝 IMAGE QUALITY	
🔲 FOCUS ZONE	
◪ EV COMPENSATION	
🔳 M-BURST INTERVAL	▼

Ⓟ	7M
田 IMAGE RESOLUTION	▲
🔝 IMAGE QUALITY	
🔲 FOCUS ZONE	
◪ EV COMPENSATION	
🔳 M-BURST INTERVAL	▼
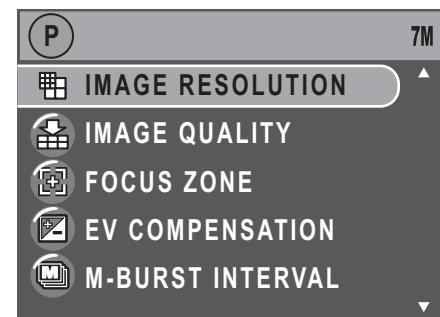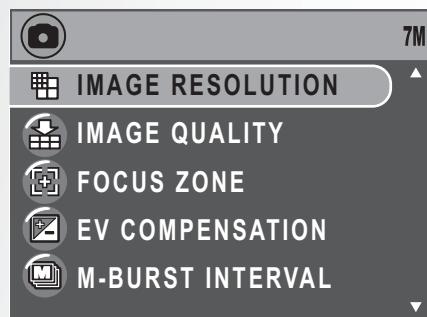
Refer to the following sections for more detailed information about each setting.

Note: All the options in this section may vary accoring to the different modes.

Image Resolution

The **Image Resolution** setting refers to the size of the image in pixels. Use the **Up/Down** navigation buttons to select from the options. Six settings for image resolution are available:

- 7M (3072 x 2304)
- 5M (2576 x 1932)
- 3M (2048 x 1536)
- 2M (1600 x 1200)
- VGA (640 x 480)

田 IMAGE RESOLUTION	
✔ 7M	▲
5M	
3M	
2M	
VGA	▼
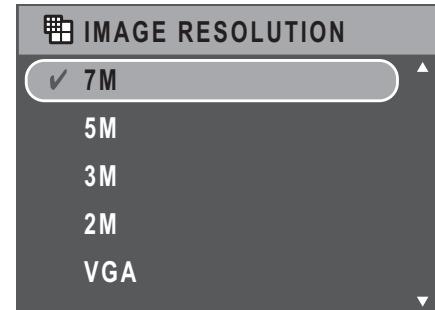
Image Quality

The **Image Quality** setting refers to the compression ratio of the JPG. The higher the image quality, the less the image compression ratio but more memory space is required. Use the **Up/Down** navigation buttons to select from the options. Three settings for image quality are available:

- Best (default)
- Better
- Good

```
IMAGE QUALITY
✓  BEST              ▲
   BETTER
   GOOD

                     ▼
```

Focus Zone

The **Focus Zone** setting allows you to select the number of zones the camera will focus on when taking a photo. Use the **Up/Down** navigation buttons to select from the options. Three settings for focus zone are available:

- Multi-Zone (default)
- Center
- Selected Area: The new setting is applied to the Live View image each time the **Up/Down** navigation buttons are pressed. Press the **OK** button to return to the **Capture** menu and save the current setting, which will take effect until it is changed again.

```
FOCUS ZONE
✓  MULTI-ZONE
   CENTER
   SELECTED AREA
```
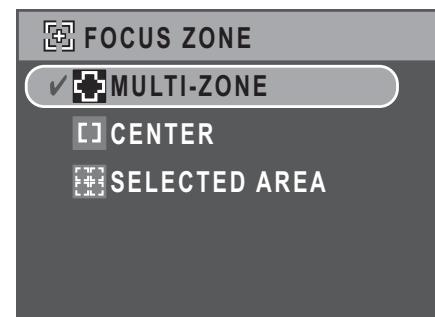
EV Compensation

The **EV Compensation** menu allows you to adjust the exposure or amount of light that enters the lens while capturing photos or videos. Use this feature to lighten or darken the image when the brightness between the subject and background is not balanced or when the subject occupies only a small part of the photograph. Use a positive (+) EV compensation for spotlit subjects, especially against dark backgrounds or scenes with low reflectivity, such as green or dark foliage.

```
EV COMPENSATION


           ▲
      0.0 EV
           ▼

```
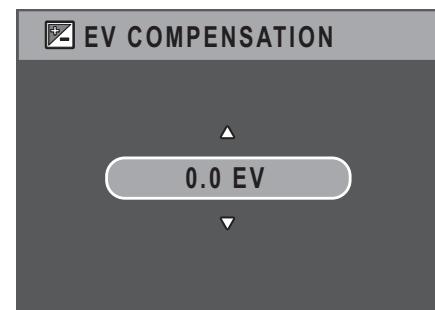
Use the **Up/Down** navigation buttons to modify the value. This setting can be modified from -2.0 to +2.0 in a 0.3 increment/decrement.

M-Burst Interval

The **M-Burst Interval** setting allows you to adjust the burst interval when the multi-burst function is enabled.Use the **Up/Down** navigation buttons to select from the options.

- 1/30 Sec (default)
- 1/15 Sec
- 1/7.5 Sec

```
M-BURST INTERVAL
✓ 1/30 SEC
  1/15 SEC
  1/7.5 SEC
```
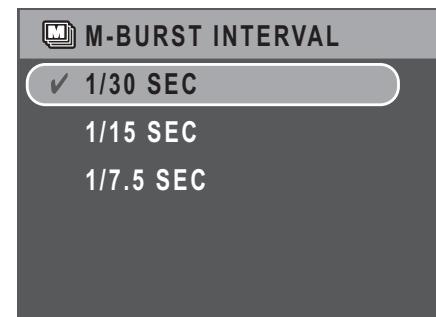
White Balance

The **White Balance** setting allows you to adjust the camera setting according to the ambient white light when shooting. White balance represents the degree of coolness of the light. If the light has a yellowish or reddish tinge, it is said to be warm; if it has a bluish tinge, it is said to be cool. You can select the setting and preview it on screen before confirming your choice. Use the **Up/Down** navigation buttons to select from the options. Five white balance settings are available:

- Auto (default)
- Sunny
- Tungsten
- Fluorescent
- Cloudy

```
WB WHITE BALANCE
✓ AWB AUTO
   SUNNY
   TUNGSTEN
   FLUORESCENT
   CLOUDY
```
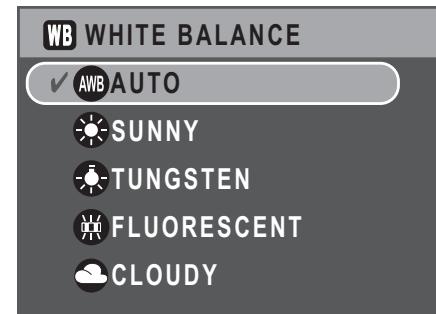
ISO Speed

The **ISO Speed** setting allows you to adjust the CCD light-sensitivity. Use the **Up/Down** navigation buttons to select from the options. Seven ISO settings are available:

- Auto (default)
- ISO 80
- ISO 100: For outdoor photography in bright sunlight.
- ISO 200: For outdoor or indoor photography in bright light.
- ISO 400: For indoor photography or low light environments.
- ISO 800: For moving object photography or low light environments without using flash.

```
ISO ISO SPEED
✓ ISO AUTO
  ISO 80
  ISO 100
  ISO 200
  ISO 400
```

The Capture Menu
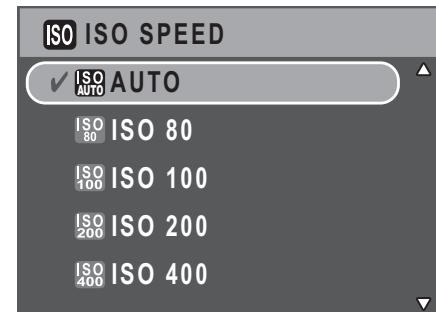
AE Metering

AE Metering allows you to select the area of the subject or frame by which the camera measures light. Use the **Up/Down** navigation buttons to select from the options. Three AE metering settings are available:

- Matrix (default): Camera metering is set for evaluating 16 zones of objects with intelligent weighting in the frame.
- Spot: Camera metering is set for the brightness of a single object in the center of the frame.
- Average: Camera metering is set for the average brightness of objects in the frame.

AE METERING
✓ ⊠ MATRIX
▫ SPOT
▭ AVERAGE
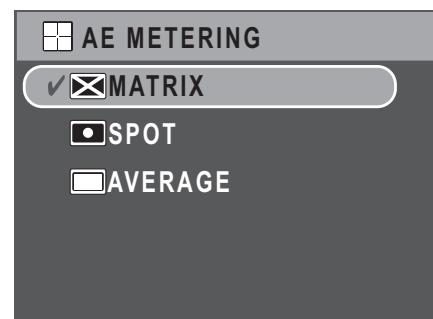
Color

The **Color** setting allows you to take photos and apply different colors or color tones for an artistic effect. Use the **Up/Down** navigation buttons to select from the options. Four color settings are available:

- Vivid
- Color (default)
- Black & White
- Sepia

COLOR
⊞ VIVID
✓ ▯ COLOR
▮ BLACK & WHITE
▭ SEPIA
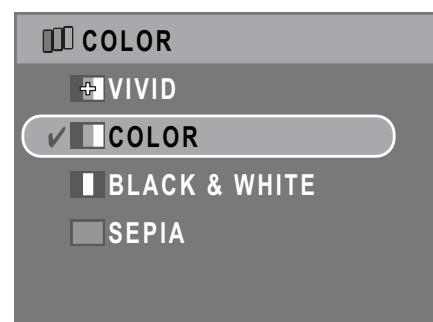
Sharpness

The **Sharpness** setting allows you to enhance the finer details of your photos. Use a higher setting for very sharp photos and a lower setting for a soft-toned photo. Use the **Up/Down** navigation buttons to select from the options. Three sharpness settings are available:

- High
- Normal (default)
- Low

SHARPNESS
⊞ HIGH
✓ ◤ NORMAL
⊟ LOW

Saturation

The **Saturation** setting allows you to adjust the saturation of the colors in your photos. Use a high saturation setting for rich colors and a lower saturation setting for more natural tones. Use the **Up/Down** navigation buttons to select from the options. Three saturation settings are available:

- High
- Normal (default)
- Low

SATURATION
✓ ⚙ HIGH
⚙ NORMAL
⚙ LOW
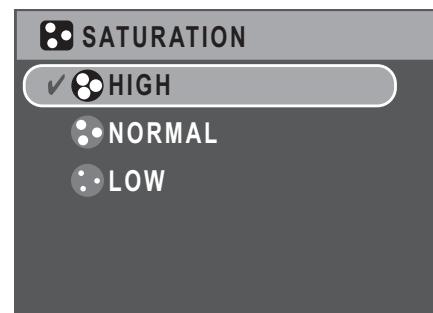
Contrast

The **Contrast** setting allows you to adjust the contrast of your photos. Use the **Up/Down** navigation buttons to select from the options. Three contrast settings are available:

- High
- Normal (default)
- Low

```
CONTRAST
  HIGH
✓ NORMAL
  LOW
```
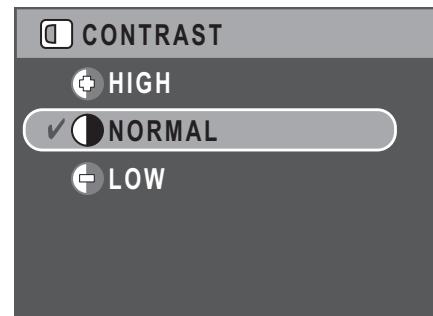
Setup

See "The Setup Menu" on page 36 for more details on the setup menu options.

Video Capture Menu

To access the video menu:

1. Press the **Scene** button and scroll to **Video** mode.
2. Press the **MENU** button to display the menu options.
3. Use the **Up/Down** navigation buttons to highlight an option and press the **OK** button to confirm. Refer to the following sections for more detailed information about each setting.

```
                      320X240
田 VIDEO RESOLUTION    ▲
WB WHITE BALANCE
   COLOR
   SATURATION
   CONTRAST
                      ▼
```
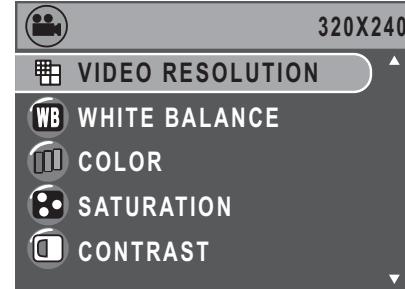
Video Resolution

The **Video Resolution** setting allows you to adjust the resolution at which your videos are recorded. Two video size settings are available:

- 640X480
- 320X240

```
田 VIDEO RESOLUTION
   640X480
✓  320X240
```
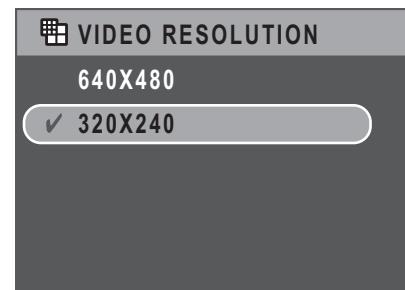
White Balance

See "White Balance" on page 22 for more details on the setup menu options.

Color

See "Color" on page 23 for more details on the setup menu options.

Saturation

See "Saturation" on page 23 for more details on the setup menu options.

English

Contrast

See "Contrast" on page 24 for more details on the setup menu options.

Setup

See "The Setup Menu" on page 36 for more details on the setup menu options.

Photo & Video Playback

Playback Mode Display

Photo Playback

Video Playback

English

No.	Name	Icon
1	Playback mode	▶
2	Image resolution	Photo mode: 7M 5M 3M 2M VGA Video mode: **640** (640x480), **320** (320x240)
3	Sharpness	⊞ ◪ ⊟
4	Protect	⊶
5	Color mode	⊞ ▨ ▮ ▩
6	Flash mode	Photo mode: A⚡ ⚡ ⊘ A⚡ Video mode: **00:00:00** (Length of the video clip.)
7	Quantity	**1/140, 2/30**
8	SD card / Internal memory	SD ⬛
9	Histogram	
10	File Name	Photo mode: **XXX-0000.JPG** Video mode: **000_0005.AVI**
11	Date and Time	**2005/12/12** **00:00:00**
12	Next	Move to next item.
13	Battery status	▰ ▬
14	Previous	Move to previous item.
15	Voice memo	♪
16	Mode icons	Please see "Capture/Video Mode Display" on page 8 for detailed information.
17	ISO Speed	ISO/AUTO ISO/80 ISO/100 ISO/200 ISO/400 ISO/800
18	Contrast	⊕ ◑ ⊖
19	White balance	AWB ☁ ⊞ ☀ ☀

Playback Mode Display

20	AE Metering	▢ ✉ ◉
21	Saturation	◓ ◑ ◔
22	EV Compensation	**-0.3EV**
23	Shutter speed	**1/60**
24	Aperture value	**F2.8**
25	Image quality	🗛 🗛 🗛

Viewing Photos/Videos on the LCD Screen

To view your photos and video files on the LCD screen:

1. Press the **Playback** button ▶. The most recent photo or video clip is displayed.
2. Use the **Right/Left** navigation buttons to scroll through photos and video clips.
3. Press the **OK** button to begin playback of a video clip.
4. Press the **Left/Right** navigation buttons at any time during playback to skip to the previous/next photo or video.
5. Press the **OK** button and press the **Left/Right** navigation buttons to fast-rewind/fast-forward during video playback.
6. Press the **OK** button at any time during playback to pause the video.
7. After the video clip finishes playing, the LCD screen displays the first frame of the clip.

Viewing M-Burst Photos

To view your multi-burst photos on the LCD screen:

1. Press the **Playback** button ▶. The most recent photo or video clip is displayed.
2. Use the **Right/Left** navigation buttons to scroll through photos.
3. When reviewing a multi-burst image, it will be displayed from the 1st frame to the 16th frame at 2 frames/per second like a slideshow.
4. To stop the M-Burst slideshow, press the **Left/Right** navigation buttons and skip to the previous/next image.

Listening to Voice Memo

A voice memo plays simultaneously when playing a saved image with voice memo.

To stop a voice memo while reviewing an image, press the **OK** button.

To skip to previous/next image, press the **Left/Right** navigation buttons.

Viewing Photos/Videos on your TV

To view images stored on the camera on your TV, you must connect via the A/V port on the side of the camera. To connect your camera to a TV:

1. Turn on the camera and make sure that the camera's video out format is set to the same as that of the TV. See "Video Out" on page 38 for more information.

2. Connect the USB/AV 3-in-1 cable to the USB port on the camera.

3. Connect the other end of the cable to the TV's AV input port.
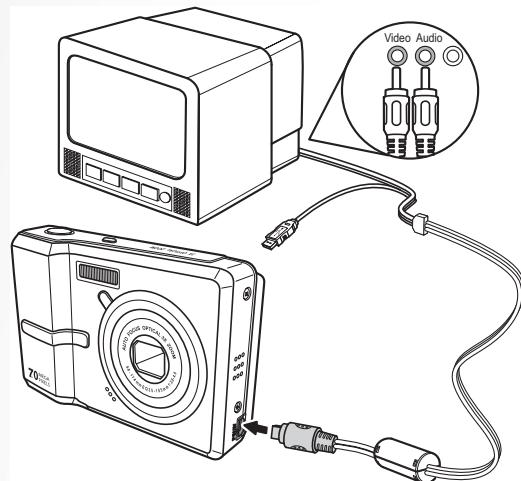
4. The LCD screen turns blank and all images and video clips are displayed on the TV screen. Follow the same steps described in "Viewing Photos/Videos on the LCD Screen" on page 28.

Zooming In During Playback

The camera's zoom feature can also be used during Playback. This allows you to view photos in greater detail.

To zoom in on saved photos:

1. Press on the right side of the **Zoom** button $\mathcal{Q}$ to zoom in and on the left side of the **Zoom** button ◈ to zoom out of the photo/video.
2. Use the navigation buttons to pan across the image.
3. When zoomed in on a photo, press the **OK** button to crop the image. When zoomed out to the maximum, the LCD screen will display all photos and videos as a series of thumbnails.

Deleting Photos/Videos

The **Delete** function allows you to remove unwanted files stored on internal memory or a memory card.

To delete a photo/video:

1. In **Playback** mode, press the **Up/Flash/**

   Delete 🗑 navigation button to display the **Delete** menu.
2. Press the **Up/Down** navigation buttons and the **OK** button to select from the three available options:
   - Cancel: Select to cancel the action and exit to the main menu.
   - This Image: Select to delete the current image.
   - All Images: Select to delete all images.

Using the Playback Menu

Access the Playback menu to view further information, configure printing settings, view a slideshow, or delete photos or movies.

To access the Playback menu:

1. Press the **Playback** button ▶.
2. Press the **MENU** button to display the menu options.
3. Use the **Up/Down** navigation buttons to highlight an option and press the **OK** button to confirm.

DPOF

DPOF (Digital Print Order Format) allows you to specify the number of copies of a certain image that you want to print at a later date.

Use this function to tag pictures stored in your memory card with print information. You can tag all pictures to be printed or just the current picture. You can also select how many copies print and whether to include the date and time.

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 set DPOF:

1. Press the **MENU** button to select **DPOF** from the menu.
2. Press the **Up/Down** navigation buttons and the **OK** button to select from the available options:
   - This Image: Select to print the current image.
   - All Images: Select to print all images.
   - Exit: Select to exit to the main menu.
3. Use the **Up/Down** navigation buttons to set the number of copies you wish to print.

DPOF
THIS IMAGE
ALL IMAGES
EXIT

Number of copies
2
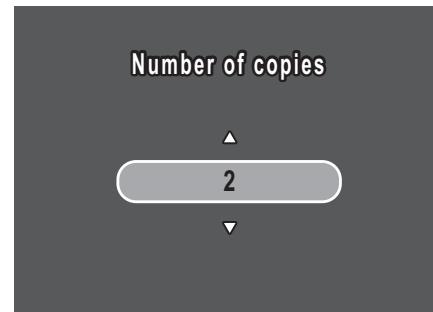
Slideshow

The **Slideshow** function allows you to view all stored photos in a continuous sequence.

```
⊟ SLIDESHOW
   START
   INTERVAL:5 SEC
   LOOP:OFF
   EXIT
```

To view a slideshow:

1. Press the **MENU** button to select **Slideshow** from the menu.
2. Press the **Up/Down** navigation buttons and the **OK** button to select from the available options:

   • Start: Select to start the slideshow.

   • Interval: Select to set the interval time between each photo during the slide-show. Use the **Up/Down** navigation buttons to set a value in seconds. The default setting is 5 seconds.

   • Loop: Select to enable/disable a continuous loop of the slideshow. Select **On** or **Off** (default) from the submenu.

   • Exit: Select to exit to the main menu.
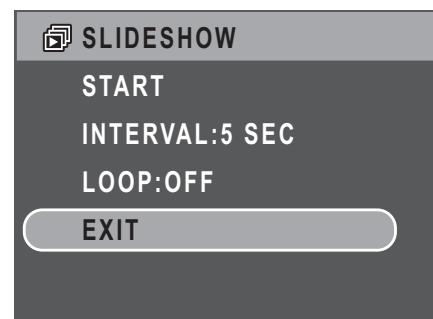
Resize

The **Resize** function allows you to change the image resolution.

```
⊡ RESIZE
   4M
   2M
   1M
   VGA
   EXIT
```

To resize a photo:

1. Press the **MENU** button to select **Resize** from the menu.
2. Press the **Up/Down** navigation buttons and the **OK** button to select the resize ratio you require: 4M, 2M, 1M, and VGA.
3. Select **Exit** to return to the main menu.
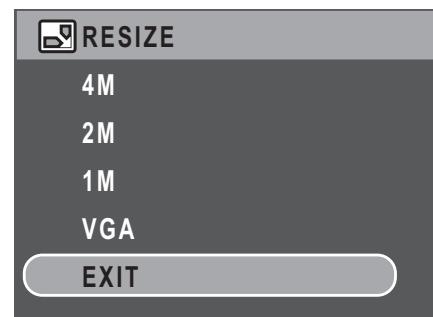
> Note: It is only possible to scale-down image resolutions. If the current image resolution is VGA, this menu item is disabled in the Resize submenu. The ratio of the image (4:3 or 3:2) remains unchanged after resizing.
> • This function only supports native pictures
> • Cropped images cannot be resized
> • If there is not sufficient storage space, images cannot be resized
> • If the SD/MMC/SDHC card is locked, images cannot be resized
> • VGA images cannot be resized

Rotate

The **Rotate** function allows you to change the orientation of a saved photo.

To rotate an image:

1. Press the **MENU** button to select **Rotate** from the menu.
2. Press the **Left/Right** navigation buttons and the **OK** button to rotate the select image.
   - OK: Select to rotate the image.
   - Exit: Select to exit to the main menu.
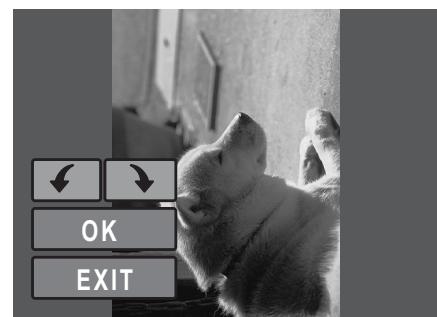
Protect

You can lock a photo or video to protect it from being accidentally erased.

To lock a photo or video:

1. Press the **MENU** button to select **Protect** from the menu.
2. Press the **OK** button to confirm.
3. A key ⛭ icon displays at the top of the screen to indicate the photo/video is now locked.

Red-Eye Compensation

The **Red-Eye Compensation** function allows you to perform red-eye reduction on a saved photo.

To remove red-eye from a photo:

```
◎ RED-EYE COMPENSATION
    OVERWRITE
    NEW FILE
    CANCEL
```

1. Press the **MENU** button to select **Red-Eye Compensation** from the menu.
2. The camera starts processing. Press the **Up/Down** navigation buttons and the **OK** button to select from the three available options:

   - Overwrite: Select to overwrite the original image.

   - New file: Select to save the fixed image to a new file.

   - Cancel: Select to discard the changes to the image and return to the main menu.
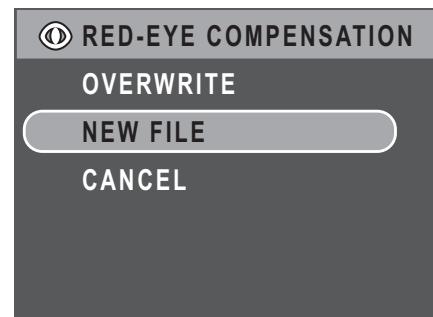
> **Note:**
> **1. If the image is protected, the fixed image will be saved as a new file directly without asking.**
> **2. If a failure occurs, the message "Cannot Processing Correctly" appears on the screen.**

Move

The **Move** function allows you to move images stored in internal memory to a memory card.

To move an image:

```
🗐 MOVE
    THIS IMAGE
    ALL IMAGES
    EXIT
```

1. Press the **MENU** button to select **Move** from the menu.
2. Press the **Up/Down** navigation buttons and the **OK** button to select from the three available options:

   - This Image: Select to move the current image to a memory card.

   - All Images: Select to move all images to a memory card.

   - Exit: Select to exit to the main menu.
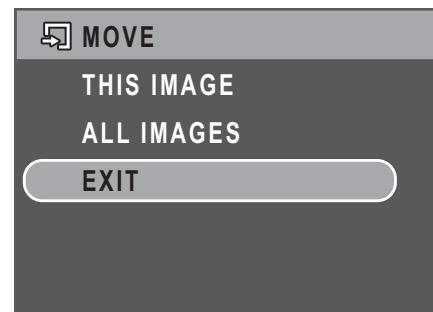
> **Note: The Move function is only available when you choose internal memory as the storage media and an SD card has been inserted into the camera.**

Using the Playback Menu

Transferring Photos/Videos to your PC

To transfer photos and videos to your PC:

Use the software CD to install the camera driver. Follow the on-screen instructions to complete the installation.

Connect the camera's USB port to a free USB port on your PC using the USB cable.
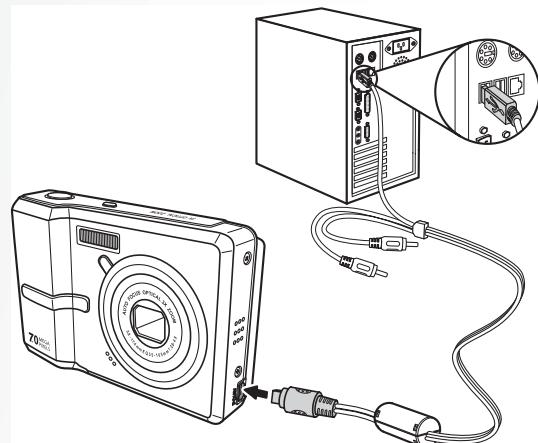
The camera's internal memory and/or SD/MMC/SDHC card appear as removable drives in the file manager. Copy the files from the drives to the directory on your PC.

Use ArcSoft PhotoImpression and ArcSoft VideoImpression (provided on the software CD) to view or edit the photos and videos respectively.

Camera Settings

The Setup Menu

The setup menu, available in capture and playback modes, allows you to configure the camera's general settings according to your preferences.

To access the setup menu:

1. Press the **MENU** button when in **Playback** or any of the capture modes.
2. Select **Setup** from the menu. The submenu appears.
3. Use the **Up/Down** navigation buttons to scroll through the options and press the **OK** button to enter further submenus and to confirm your selection. Refer to the following sections for more detailed information about each setting.

```
🔧                    CONTINUE
NO. FILE NO.                  ▲
ⓓ DIGITAL ZOOM
QV QUICK VIEW
🔊 CAMERA SOUND
📷 AUTO LCD OFF
                              ▼
```
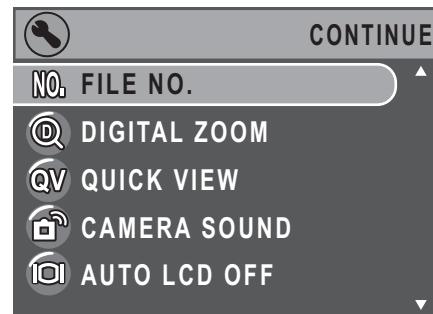
File Number

The **File No.** setting allows you to reset all file numbers assigned to each of the files on your camera. Select **Reset** to reset or **Continue** to set the file numbers in continuous order.

```
NO. FILE NO.
    RESET
  ✔ CONTINUE
```
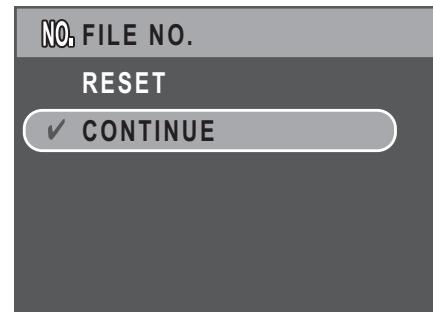
Digital Zoom

The **Digital Zoom** setting allows you to turn the digital zoom function on or off. Select **On** to enable the function or **Off** (default) to disable it.

```
ⓓ DIGITAL ZOOM
  ✔ ON
    OFF
```
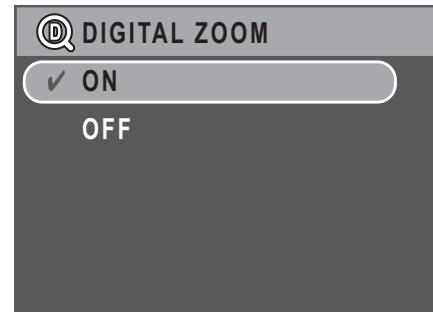
Quick View

The **Quick View** setting allows you to view the photo that you have just taken. Once you have taken your photo, it displays on the LCD screen. If you are not satisfied with the result, you can press

the 🗑 button to delete the photo immediately. Select **On** (default) to enable the function or **Off** to disable it.
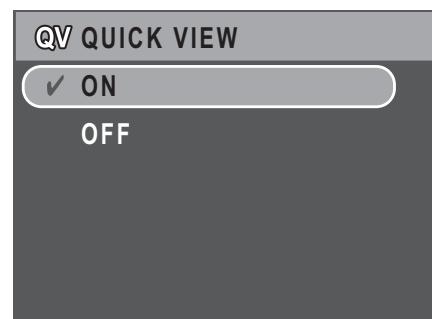
> **Note:**
> **The Quick View function is not available in Burst and M-Burst modes.**

Camera Sound

The **Camera Sound** setting allows you to adjust the camera sound level. Three options are available:

- Off
- Low (default)
- High
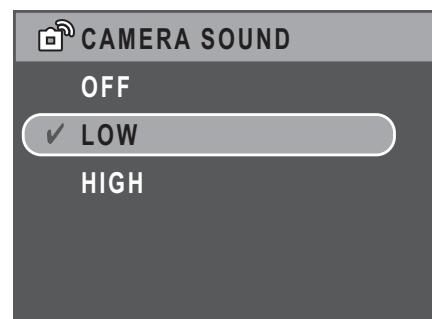
Auto LCD Off

The **Auto LCD Off** setting allows you to adjust the length of time that the LCD screen will remain lit before turning off to save battery power. Three options are available:

- Off (default)
- 30 sec
- 1 min
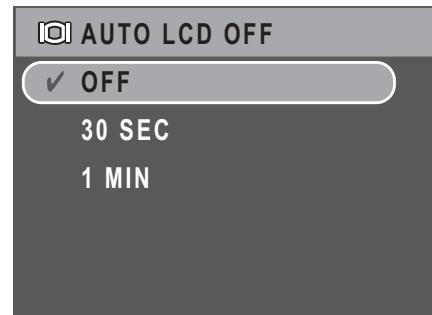
Auto Power Off

The **Auto Power Off** setting allows you to adjust the length of time after which the camera will power down when inactive. Use the **Up/Down** navigation buttons to select from the menu options. Two options are available:

- 5 min (default)
- 2 min

English
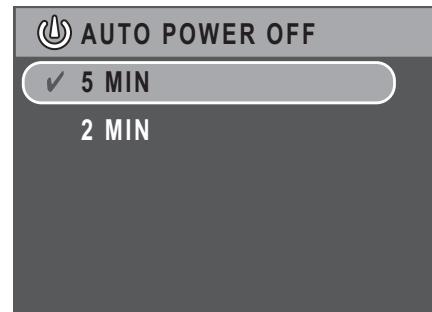
Video Out

The **Video Out** setting allows you to adjust the video output, depending on the type of your TV. Use the **Up/Down** navigation buttons to select from the menu options. Two options are available:

- NTSC (default)
- PAL

🖼 VIDEO OUT
✔ NTSC
PAL
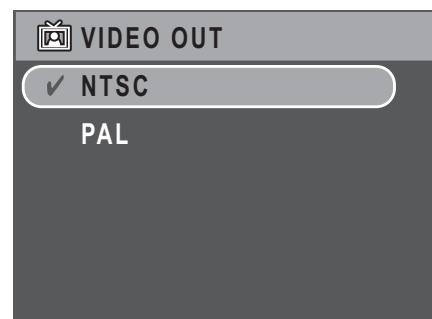
USB Mode

The **USB Mode** setting allows you to select the transfer method between your camera and your PC. Two options are available:

- PTP (PictBridge Print): When the camera is connected to a printer by a USB cable which supports Pictbridge, it can directly print images stored on the media. For details on PTP function, please See "PictBridge Print (PTP)" on page 41.

USB MODE
✔ PTP
MSDC

- MSDC (default): The camera is set up to act as a mass storage device, allowing only for transfer of files between your camera and PC.
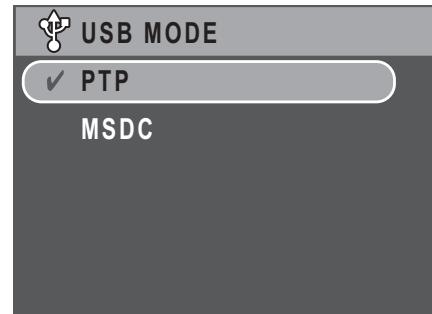
Date Stamp

The **Date Stamp** setting allows you to adjust the format in which the date will appear on each photo or video. You can also deactivate this function if you wish. Setting a date stamp allows for easy sorting and the date will appear on the photo when printed. Use the **Up/Down** navigation buttons to select from the menu options. Four options are available:

DATE STAMP
✔ OFF
YYYY MM DD
MM DD YYYY
DD MM YYYY

- Off (default)
- YYYY MM DD: year-month-date format
- MM DD YYYY: month-date-year format
- DD MM YYYY: date-month-year format

The Setup Menu
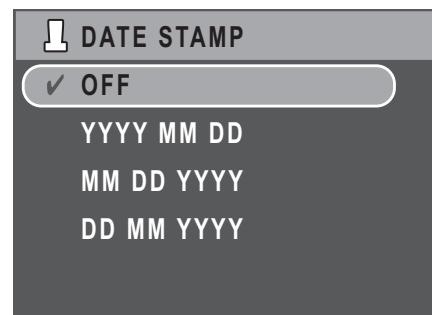
Date and Time

The **Date and Time** setting allows you to set or adjust the date and time on your camera. To set or adjust the date and time:

- Press the **Left/Right** navigation buttons to select the **Year** field.
- Press the **Up/Down** navigation buttons to adjust the **Year** value.
- In the same way, select the **Month**, **Date**, **Hour** and **Minute** fields and adjust them accordingly.

> **DATE & TIME**
>
> (Year)
> ▲
> **2007** / 01 / 01 12 : 30
> ▼
>
> Press OK when done

Language

The **Language** setting allows you to choose which language the OSD menu uses. Scroll down the list and select your language.Use the **Up/Down** navigation buttons to select from the menu options.

> **LANGUAGE**
>
> ✔ **ENGLISH**   ▲
> **DEUTSCH**
> **FRANÇAIS**
> **ITALIANO**
> **ESPAÑOL**
>   ▼

Image Storage

The **Image Storage** setting allows you to specify where photos and video clips will be stored. The camera features 10.5 MB internal memory but you can also insert an SD/MMC/SDHC card (See "Inserting an SD/MMC/SDHC Memory Card" on page 14 for more details). Two options are available:

> **IMAGE STORAGE**
>
> ✔ **AUTO**
> **INTERNAL MEMORY**

- Auto (default): When selected, the camera chooses the storage medium automatically. If an SD/MMC/SDHC card is inserted in the camera, all photos and videos are stored on the card. If an external card is not detected, all photos and videos are stored in the internal memory.
- Internal Memory: All photos and videos are stored in the internal memory.
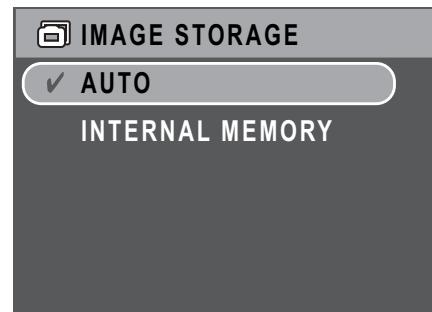
Format

The **Format** setting allows you to erase all data in the internal memory or on the SD/MMC/SDHC card. Use the **Up/Down** navigation buttons to select from the menu options. Three options are available:

- Memory Card (default): All data on the SD/MMC/SDHC will be formatted.
- Internal Memory: All data in the internal memory will be formatted.
- Exit: Cancel format action.

FMT **FORMAT**

MEMORY CARD
INTERNAL MEMORY
EXIT
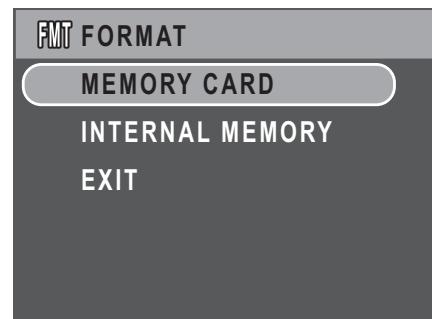
Reset

The **Reset** setting allows you to reset the camera to the original factory default settings. This means all modifications you have made to the camera settings will be cleared.

Once selected, the **Reset** screen displays a confirmation message. Select **Yes** to proceed with the reset or **Exit** (default) to cancel.

RES **RESET**

Reset to camera default setting?

EXIT
YES

Voice Memo

The **Voice Memo** setting allows you to record a voice memo when a photo is taken. Select **On** to enable the Voice Memo function or **Off** (default) to disable it.

VOICE MEMO

✔ **ON**
OFF
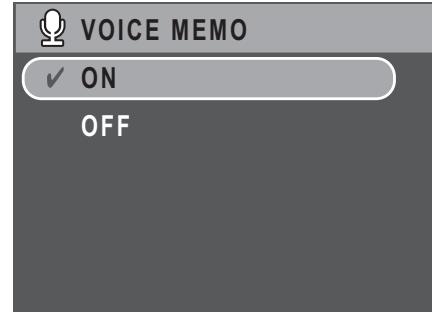
PictBridge Print (PTP)

The **PTP** function allows you to print images captured by the camera directly without connecting the camera to a PC.

If the camera is not connected to a PTP compliant printer, an error message displays on the LCD screen.To enable PTP function, see "USB Mode" on page 38 for detailed information. If the USB mode is not set at PTP, an error message displays on the LCD screen.

Connecting fail!

When a PTP compliant printer is connected to the camera, the **Printer Connecting** screen displays on the LCD screen.The Print menu pops up automatically.

Printer Connecting...
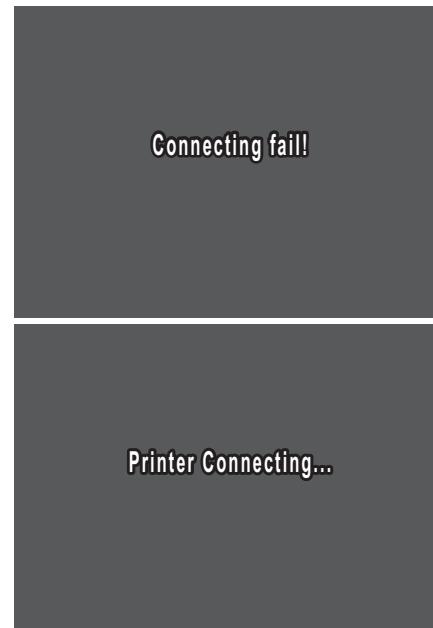
Use the **Up/Down** navigation buttons to select an option and press the **OK** button to confirm.

```
                              2/140  [SD]
  [ ] IMAGE STORAGE            ▲
  [ ] THIS IMAGE
  [ ] INDEX PRINT
  DPOF DPOF IMAGE
  [ ] ALL IMAGES
                              ▼
```

Image Storage

See "Image Storage" on page 39 for detailed information.

This Image

Print the selected image with the current setting.

1. Use the **Up/Down** navigation buttons to select **This Image** from the options and press the **OK** button to confirm. Use the **Left/Right** navigation buttons to select previous/next file.

2/140 SD

IMAGE STORAGE

THIS IMAGE

INDEX PRINT

DPOF DPOF IMAGE

ALL IMAGES

2. Press the **Up/Down** navigation buttons to set the number of copies.

Number of copies

3
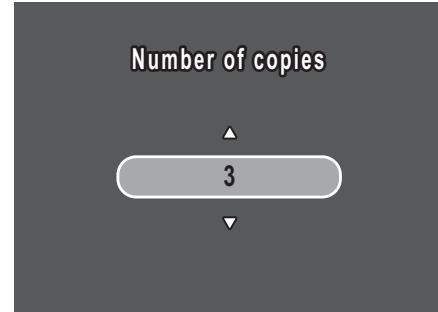
3. Press the **Up/Down** navigation buttons again to select the paper size.
   - Default Size
   - 4" x 6"
   - Letter
   - A4

PAPER SIZE

✔ DEFAULT SIZE

4" X 6"

LETTER

A4
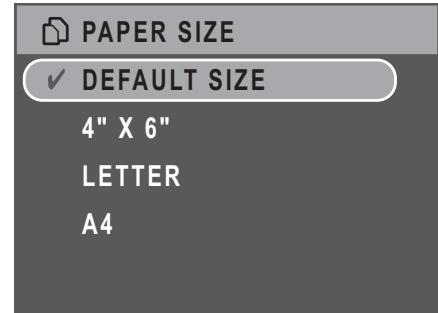
4. Press the **Up/Down** navigation buttons to Continue or Cancel the action.

Copies:3

Prints:3

Size:Default

CONTINUE

CANCEL

PictBridge Print (PTP)

Index Print

Use this function to print all images in index format.

```
                                    2/140  SD
📁 IMAGE STORAGE                    ▲
🖼 THIS IMAGE
⊞ INDEX PRINT
DPOF DPOF IMAGE
🗐 ALL IMAGES
                                    ▼
```

1. Press the **Up/Down** navigation buttons to select the Paper size.

    • Default Size

    • Letter

    • A4

```
⊞ INDEX PRINT
✓ DEFAULT SIZE
  LETTER
  A4
```
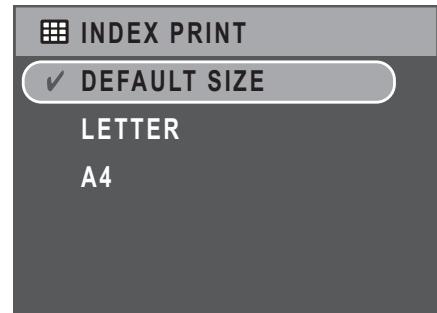
2. Press the **Up/Down** navigation buttons to set the number of copies. After the number of copies is set, press the **Up/Down** navigation buttons again to continue or cancel the action.

```
Copies:1
Prints:--
  Size:Default
  CONTINUE

  CANCEL
```

DPOF Image

See "DPOF" on page 30 for detailed information.

English

All Images

Print all images saved in memory.

1. Use the **Up/Down** navigation buttons to select **All Images** from the options and press the **OK** button to confirm.

	2/140 SD
📁 IMAGE STORAGE	▲
🖼 THIS IMAGE	
▦ INDEX PRINT	
DPOF DPOF IMAGE	
🗐 ALL IMAGES	
	▼

2. Press the **Up/Down** navigation buttons to set the number of copies.

Number of copies

▲

2

▼

3. Press the **Up/Down** navigation buttons to select the Paper size.
   • Default Size
   • 4" x 6"
   • Letter
   • A4
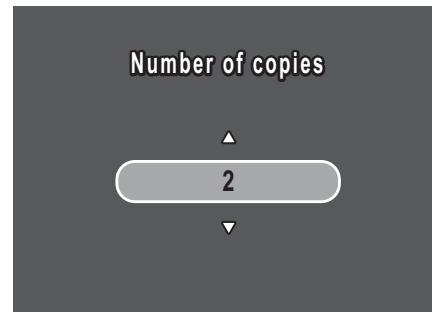
🗋 PAPER SIZE
✓ DEFAULT SIZE
4" X 6"
LETTER
A4
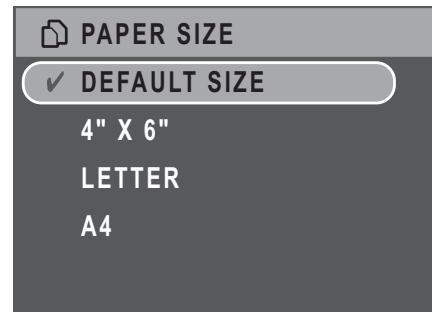
4. Press the **Up/Down** navigation buttons to select Continue or Cancel this action.

Copies:2
Prints:20
Size:Default
CONTINUE
CANCEL

PictBridge Print (PTP)

Specifications

General	Resolution / Image Type	7M Pixels / 1/2.5" CCD
	LCD	2.4"TFT, 110,000 Pixels
	Dimensions	92.9(W)x60.4(H)x22.2(D)mm
	Exterior Casing	Plastic Housing
Optics	Aperture	Wide: F2.8 Tele: F4.9
	Optical Zoom	Up to 3x
	Digital Zoom	Up to 5x
	Focal Length	Wide(W): 35mm, Tele(T): 105mm
	Focus Mode	Normal: 50cm to infinity Macro: 15cm ~ 50cm
	Shutter Speed	8 ~ 1/1500 Sec.
	Viewfinder	None
	Field of View	99% by LCD
Camera Features	Auto Power Off / Time Out	Yes
	ISO Equivalent	Auto, ISO80/100/200/400/800
	Internal Memory	10.5 MB internal, SD/MMC/ SDHC removable card slot (supported up to 8G)
	Flash Modes	Auto, Fill, Anti Red-eye, Off
	Tripod Mount	1/4" Standard
	Preset Scene	Auto, P-Mode,Portrait, Night Portrait, Landscape, Sport, Night Landscape, Backlight, Museum,Snow, Sunset, Fireworks, Party,Beach, Copy. Video, and Macro

English

Resolution Image	Image File Formats	Still Image: JPEG (Exif2.2)
	Image Quality Mode	Still Image: 3072x2304, 2576x1932, 2048x1536, 1600x1200, 640x480 Movie Mode: 640x480@28fps, 320x240@30fps
	Quality Levels	Best, Better, Good
Capture Features	DPOF	Version 1.1
	Erase Protection	Yes
	Exposure Compensation	Selectable +/-2.0EV with 0.3 EV steps
	Sharpness	High, Normal, Low
	Color	B&W, Sepia, Vivid, Color
	Metering	Average, Matrix, Spot
	Focus	Multi-Zone Single-Zone: Center, Selected area
	Flash Range	2.5m@wide
	Lens Thread	None
	Anti-Shake	No
	Aperture Priority	No
	Shutter Priority	No
	Drive Mode	Single Mode, Burst Mode, Multi-Burst (VGA@16 shots)
	Quick Delete	Yes
	Quick View	Yes
	Quick Review	No
	Self Timer	2 or 10 seconds
	Playback Magnify	Up to 8X (11 steps)
	White Balance	Auto, Sunny, Tungsten, Fluorescent, Cloudy

Video	Video Out	PAL, NTSC
	Stream to SD/MMC/SDHC	Yes
	Speaker	Yes, Mono
	Movie File Format	AVI
	Movie Length	Unlimited as long as space is available on the SD/MMC/SDHC card
	Microphone	Yes, Mono
Power	Battery	AA NiMH/Alkaline/Rechargeable batteries x 2
	Battery Life (Alkaline)	CIPA 100 images
Capability	Camera Interface	USB 2.0 full speed
	Host Platform	Windows XP/Vista
Standards	Operating Temperature	0°C ~ 40°C
	Language	English, German, French, Italian, Spanish, Portuguese, Simplified Chinese, Traditional Chinese, Russian, Arabic, Turkish, Japanese, Dutch, Czech, Polish, Thai

Troubleshooting

Problem	Action
Camera does not turn on	• The batteries may be exhausted. Charge or replace the batteries. • The batteries are installed incorrectly. Re-insert the batteries observing the correct polarity.
Camera turns off automatically	Press any button to turn on the camera.
LCD turns off automatically	Press any button to turn on the LCD.
Empty battery icon is displayed on the LCD after which camera turns off	Batteries are exhausted. Replace the batteries.
LCD screen displays 'Card Requires Formatting'	Memory card format not recognized. Re-format the memory card.
LCD screen displays 'Card is Full'	Memory card is full. Replace the memory card with a new one or delete unnecessary images from the existing card.
LCD screen displays 'Card is locked'	The card is protected by a protect switch mechanism. Move the switch to the unlock position.
Insufficient memory space to complete request	Insufficient space in memory to rotate an image. Delete unnecessary images.
No image displays on the TV screen	Incorrect TV-out type was selected. Set correct TV-out type to match your TV system.
Insufficient space on the card	Delete unnecessary images.

Restricted Warranty

I. General Conditions of Warranty

1. General

This warranty covers defects relating to workmanship and manufacture in MEDION products. The period during which this warranty is valid and during which claims against the warranty can be made to MEDION must be in accordance with the following terms in order to be considered eligible:

• Is effective from the date of purchase or receipt of the MEDION product from an authorised seller of MEDION products; and

• expires at the end of the warranty period specified on the warranty card provided with the product.

For the warranty to be valid, you must:

• provide suitable evidence of purchase, a copy of the original purchase receipt from an authorised seller of MEDION products is preferred; or

• register your product within 28 days of purchase either online at www.MEDION.co.uk or by completing and returning the pre-paid registration card included with the product.

Please keep the original purchase receipt and the warranty card in a safe place. MEDION and its authorised sellers reserve the right to refuse a repair under warranty or a warranty confirmation if a proof of purchase [or registration of purchase] cannot be established, or has not been, submitted.

When it is necessary to return your product for repair please ensure that your product is suitably packed for transportation.

Provided that your product is still within warranty (please check the duration of the warranty period as described above) and is eligible for repair or replacement under the terms of the warranty, to return your product, please telephone MEDION on the service hotline number. You will be sent a pre-paid transportation box suitable for returning your product to MEDION. PLEASE MAKE SURE THAT YOU HAVE A BACKUP COPY OF ALL DATA ON THE PRODUCT BEFORE RETURNING THE PRODUCT TO MEDION. MEDION shall bear the costs of postage and packaging for returning the product and the transportation risk. However, if following examination of the defective product in question, MEDION, in its reasonable opinion, considers that the defect has been caused by:

• your operating and/or using the product other than as instructed in the accompanying documentation;

• damage caused in transit as a result of your negligence in packaging of the product; and/or

• otherwise than in accordance with the terms of this warranty;

This warranty shall be void and you may be required by MEDION to reimburse MEDION for the reasonable costs of postage and packaging before MEDION will return the product to you. If so and you would still like MEDION to repair or replace the product, MEDION may do so but you will be charged MEDION's standard rates for repair and replacement for this service.

Before returning the product, please contact MEDION via the service hotline or via the internet (www.MEDION.co.uk). You will receive a reference number (RMA No.) on the warranty card. Please mark the outside of your package to ensure that this reference number is clearly visible. Please submit a letter containing as much detailed information as possible and, a full description of the defect or fault.

This should include:

- a description of the fault;
- when it occurred, how long it has been evident and how frequently it occurs ;
- any errors message(s) displayed when using the product;
- a description of the circumstance(s) and conditions in which the fault occurs; and
- whether it is an intermittent or persistent fault;

This will greatly assist MEDION in identifying the defect, when submitted together with the defective product.

Unless otherwise instructed by a MEDION representative in all cases, the product must be returned complete with all parts which were included with the original product. Incomplete contents of the returned package may lead to a delay in the repair or replacement. MEDION does not accept any liability for any additionally submitted material(s) which were not supplied with the original MEDION product.

This warranty does not affect your statutory rights in any way and is subject to the applicable legal statutes of the country where the product was sold to you by an authorised MEDION seller.

2. Scope

Subject to any exclusions set out within this warranty, where there is a defect in your MEDION product covered by this warranty, MEDION will repair or replace the MEDION product. The decision whether to repair or replace the product will be made solely at the discretion of MEDION. MEDION may, in its own discretion, replace the product returned for repair under warranty with a replacement product that is either identical or, in the event that such product(s) are no longer available, a product of equal or superior specification and quality.

No warranty is given for batteries or rechargeable batteries or for consumable materials subject to wear and tear, i.e. for parts which have to be replaced periodically during the normal use of the product, such as video-projector lamp.

Non critical failures that fall within industry specified tolerances e.g. noise, LCD pixels are not covered by this warranty. Please consult the appropriate section in your user or instruction manual for this product for exact specifications and tolerances.

To the extent which is permitted under law, MEDION will accept no liability for burnt-in images on plasma or LCD products as a result of normal wear and tear during the operation of the product. Please refer to your user or instruction manual for this product for detailed operating instructions for your plasma or LCD product.

The warranty does not cover errors relating to the playback of data media in an incompatible format or created with unsuitable software.

If it is found during repair or assessment that the defect concerned is not covered under warranty, MEDION reserves the right to invoice you for all reasonable costs incurred by MEDION. These costs will be in relation to the return of the product, including reasonable administration costs, plus reasonable costs for materials used and labour provided when repairing or replacing the product. This is subject to MEDION providing you with an estimate for carrying out such work prior to costs being incurred and that you have accepted the estimate.

You are entitled to seek independent advice or consultation relating to your product or any of MEDION's findings. MEDION will not be liable for any costs incurred to you when doing so.

3. Exclusion from warranty

To the extent permitted by law, this warranty shall be void in the event that defects or loss caused by:

a. failure and damage resulting from the operation of the product in an environment

other than that recommended in the accompanying user or instruction manual (e.g. in direct sunlight or in a damp room);

b.   accidental damage;

c.   use other than in accordance with the accompanying user or instruction manual;

d.   modifications, conversions, expansions, maintenance and/or repairs made to the MEDION product by unauthorised repairers or use of unauthorised third party parts;

e.   negligence;

f.   virus attack or software errors; or

g.   improper transportation or packaging during return of the product.

This warranty will also be considered void if labels or serial numbers of the product or of a component of the product are modified or made illegible.

To the extent permitted by law, MEDION shall; only be responsible for losses which are a reasonably foreseeable consequence of the relevant defect in the product; MEDION will not be responsible for any costs incurred in relation to software configuration; economic loss; loss of opportunity; loss of income; or loss of data or software arising out of its repair or replacement of a MEDION product under this warranty

4. Service Hotline

Before returning the product to MEDION you must contact us using the service hotline or via the internet (www.MEDION.co.uk). You will receive further instructions for making your claim under warranty when you call.

The service hotline is available on 362 days in the year, including Sundays and bank holidays but excluding Christmas day, New Years Day and Easter day. The service hotline is subject to [national rate] telephone call charges. These charges are subject to change. The price of your call will be stated at the beginning of the call.

II. Special warranty conditions for MEDION PC, notebook, pocket PC (PDA) and navigation devices (PNA)

The following terms apply to MEDION PC, notebook, desktop, pocket PC and laptop products and optional items included with such products. If one of these items has a fault, you also have a warranty claim for its repair or replacement, from MEDION. The warranty covers the costs of materials and labour for repairing or replacing the defective MEDION product or the optional item in question.

Hardware connected to your product that was not produced or marketed by MEDION can invalidate the warranty if MEDION can reasonably demonstrate that damage to the MEDION product or of the optional item included with the delivery was caused by such hardware. You are entitled to seek independent advice or consultation relating to your product or any of MEDION's findings. MEDION will not be liable for any costs incurred to you when doing so.

This warranty is restricted in relation to any pre-installed operating system as well as to application programme software that is included with the MEDION product in question. This warranty is restricted as follows:

For pre-installed operating system as well as to application programme software included in the MEDION product, MEDION only guarantees the data media (e.g. the diskettes and CD-ROMs) upon which this software is delivered and warrants that such data media shall be free from material and processing defects for a period of 90 days from the date of purchase of the MEDION product from an authorised seller of MEDION. MEDION will replace defective data media free of charge.

Any claims in respect of defective pre-installed operating system as well as to application programme software are hereby expressly excluded and you should contact the relevant

licensor or copyright owner of the defective software in question. MEDION does not guarantee that any software supplied with MEDION products will function without interruption, will be free from errors or that it will fulfil your requirements. MEDION does not guarantee the 100% accuracy of the maps provided with the Navigation device.

It may be necessary to delete all data in the product in order to repair the MEDION product. PLEASE MAKE SURE THAT YOU HAVE A BACKUP COPY OF ALL DATA ON THE PRODUCT BEFORE RETURNING THE PRODUCT TO MEDION. To the extent permitted by law, MEDION excludes all liability for loss of data and MEDION recommends in all cases that you back up all data on your MEDION product before returning the product to MEDION.

III. Special warranty conditions for repair on site or replacement on site

If a claim for repair or replacement on site is included within the terms of the warranty card provided with the product, the special warranty conditions for repair or replacement of your MEDION product on site apply.

The following provisions must be made by you for carrying out repairs or replacements on site:

• MEDION or its authorised personnel must have unrestricted, safe and immediate access to the products.

• Telecommunication facilities required by MEDION or its authorised personnel for proper execution of your order, for testing and diagnostic purposes and for remedying faults are provided by you at your own expense.

• You are responsible yourself for restoring the application software after the repair services have been carried out by MEDION or its authorised personnel.

• You must take all other necessary steps to enable MEDION or its authorised personnel to carry out your order properly.

• You are responsible yourself for connecting and configuring any existing external peripheral products after MEDION or its authorised personnel have carried out their repairs.

• The free cancellation period for repairs or replacements on site is 24 hours, thereafter our reasonable costs resulting from late or missing cancellation shall be invoiced at your expense.