GE-Digital Camera

G Series | G2
A Series | A735 A835
E Series | E840s/E1035 E1235
To prevent fire or shock hazard, do not expose the unit to rain or moisture.

For customers in the U.S.A.
Tested To Comply
With FCC Standards
FOR HOME OR OFFICE USE

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

For customers in Europe

This symbol [crossed-out wheeled bin WEEE Annex IV] indicates separate collection of waste electrical and electronic equipment in the EU countries. Please do not throw the equipment into the domestic refuse. Please use the return and collection systems available in your country for the disposal of this product.

Declaration of Conformity
Model Name : G2/A735/A835/E840s/E1035/E1235
Trade Name : GE
Responsible Party : General Imaging Co.
Address : 2158 W.190th Street, Torrance, CA 90504, USA
Telephone Number : 1-800-730-6597

Conforms to the following Standards:
following the provision of the EMC Directive (89/336/EEC,2004/108/EEC)
SAFETY PRECAUTIONS

Camera notes:
- Do not store or use the camera in the following types of locations:
  - In the rain, very humid and dusty places.
  - In a place where the camera can be exposed directly to the sunlight or subject to high temperature, e.g. Inside a closed car in summer.
  - In a place where the camera is subject to a high magnetic field, e.g. near motors, transformers or magnets.
- Do not place the camera on a wet surface or places where dripping water or sand may come in contact with the camera, which may cause irreparable faults.
- If the camera will not be used for a long period of time, we suggest you remove the battery and the memory card.
- If you carry the camera suddenly from a cold location to a warm place, moisture may condense inside the camera. We suggest you wait for a while before turning on the camera.
- No compensation for loss of recordings. Loss of recordings cannot be compensated for if a malfunction of your camera or recording media, etc, makes the playback of recordings not possible.

Battery notes:
- Incorrect use of the batteries may cause them to leak, become hot, ignite or burst. Always observe the precautions given below.
  - Do not expose the batteries to water, and take particular care to keep the terminals dry.
  - Do not heat the batteries or throw them into a fire.
  - Do not attempt to deform, disassemble or modify the batteries.
  - Use GE charger in the package to charge the lithium battery only (for G and E series).
- Keep the batteries out of reach of babies and small children.
- In cold locations, battery performance deteriorates and the time for which they can be used shortens markedly.

Memory card notes:
- When using a new memory card, or a memory card has been initialized by a PC, be sure to format the card with your digital camera before using it.
- To edit image data, copy the image data to the PC's hard disk and then format memory card if upgrade the firmware.
- Do not change or delete the directory names, or file names in the memory card from your PC, as this may make it impossible to use the card in your camera.
Thank you for purchasing GE digital cameras. Please read this manual carefully and keep it in a safe place for future reference.

Copyright
© Copyright 2007 General Imaging Company All rights reserved.
No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language or computer language, in any form, by any means, without the prior written permission of General Imaging Company.

Trademarks
All trademarks mentioned in this manual are used for identification purposes only and may be properties of their respective owners.

Safety information
Please read the following important information carefully before using the product.

• Do not take apart or attempt to service the camera yourself.
• Do not drop or knock the camera. Improper handling may damage the product.
• Turn off the camera before inserting or removing the battery and memory card.
• Use only the type of battery and charger that came with your camera. Using other types of batteries or chargers may damage the camera and invalidate the warranty.
• When using Li-ion batteries in this product, ensure that they are inserted correctly. Inserting the batteries upside down can cause damage to the camera and possibly start a fire.
• Do not touch the camera lens.
• Do not expose the camera to moisture, or extreme temperatures. Extreme environments may shorten the life of your camera or damage the batteries.

• Do not use or store the camera in dusty, dirty, or sandy areas, as its components may be damaged.

• Do not expose the lens to direct sunlight for extended periods.

• Download all pictures and remove the batteries from the camera if you are going to store the camera for long periods.

• Do not use abrasive cleansers, alcohol-based, or solvent-based cleaners to clean the camera. Wipe the camera with a slightly damp soft cloth.

About this manual

This manual provides you with instructions on how to use your GE digital camera. Every effort has been made to ensure that the contents of this manual are accurate, but General Imaging Company reserves the right to make changes without notice.

Symbols used in this manual

Throughout this manual, the following symbols are used to help you locate information quickly and easily.

- Indicates the useful information to know.

- Indicates the precautions to be taken while operating the camera.
CONTENTS

WARNING
SAFETY PRECAUTIONS
BEFORE YOU START ............................... 1
  Preface ............................................... 1
  Copyright .......................................... 1
  Trademarks ........................................ 1
Safety information ................................... 1
About this manual .................................. 2
  Symbols used in this manual .................. 2
CONTENTS.................................................. 3
GETTING READY .................................... 7
  Unpacking .......................................... 7
  Camera Views: G2 ................................. 8
    : A735/A835 .................................. 10
    : E840s .......................................... 12
    : E1035/E1235 ................................. 16
  Charging the battery ......................... 18
  Inserting the battery ......................... 19
  Inserting an optional SD/SDHC card ...... 22
  Turning on and off .............................. 23
  Using the Mode Dial ......................... 24
  Setting display language, date, and time
    Setting the Date and Time ................ 25
    Setting the Language ....................... 26
  About the LCD screen ....................... 27
BASIC OPERATION ................................. 28
  Shooting in Auto mode ...................... 28
  Using the zoom function ................... 28
  Using the flash ............................... 29
  Using the self-timer ....................... 29
  Using Macro mode ......................... 30
  Exposure compensation .................... 30
  Advanced function menu ................... 31
    WB (White Balance) ....................... 31
    ISO ............................................. 32
Quality....................................................33
Size.....................................................34
Color...................................................35

USING THE MODES ...............................38
  LCD Screen display ..........................38
  Still shooting mode display ..........38
  Video shooting mode display .......40
  Playback mode display .................41
  Scene mode ........................................42
  Sport ................................................42
  Children ..........................................42
  Indoor .............................................42
  Leaf ................................................42
  Snow .................................................43
  Sunset ..............................................43
  Fireworks .......................................43
  Glass ...............................................43
  Museum ..........................................43

  Landscape ......................................43
  Night landscape ............................43
  Night portrait ................................43
  Return to the scene mode palette ....44
  Panorama mode ...............................44
  Image stabilization mode .............46
  Face detection ..................................47

PLAYBACK.............................................48
  Viewing photos and videos ...........48
    Editing video ...............................50
    Thumbnail view .............................53
  Using zoom playback
    (for still pictures only) ...............52
  Using the delete button ...............53

USING THE MENUS .............................54
  Still menu ........................................54
    AF mode (Auto-Focus mode) ........55
    AF-assist beam ............................55
<table>
<thead>
<tr>
<th>Menu Item</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expo Metering (Exposure Metering)</td>
<td>56</td>
</tr>
<tr>
<td>Cont. Shot (Continuous shot)</td>
<td>57</td>
</tr>
<tr>
<td>Grid</td>
<td>57</td>
</tr>
<tr>
<td>Quick Review</td>
<td>58</td>
</tr>
<tr>
<td>Digital Zoom</td>
<td>58</td>
</tr>
<tr>
<td>Histogram</td>
<td>59</td>
</tr>
<tr>
<td>Slow shutter</td>
<td>59</td>
</tr>
<tr>
<td>Date Imprint</td>
<td>59</td>
</tr>
<tr>
<td>Movie menu</td>
<td>60</td>
</tr>
<tr>
<td>Expo Metering (Exposure Metering)</td>
<td>61</td>
</tr>
<tr>
<td>Stabilization</td>
<td>61</td>
</tr>
<tr>
<td>Playback menu</td>
<td>62</td>
</tr>
<tr>
<td>Protect</td>
<td>62</td>
</tr>
<tr>
<td>Delete</td>
<td>63</td>
</tr>
<tr>
<td>DPOF (Digital Print Order Format)</td>
<td>64</td>
</tr>
<tr>
<td>Info. Box (Information Box)</td>
<td>65</td>
</tr>
<tr>
<td>Trim</td>
<td>65</td>
</tr>
<tr>
<td>Resize</td>
<td>66</td>
</tr>
<tr>
<td>Rotate</td>
<td>66</td>
</tr>
<tr>
<td>Slide show</td>
<td>67</td>
</tr>
<tr>
<td>Red-eye removal</td>
<td>68</td>
</tr>
<tr>
<td>Setup menu</td>
<td>69</td>
</tr>
<tr>
<td>Format Memory</td>
<td>69</td>
</tr>
<tr>
<td>Beep</td>
<td>70</td>
</tr>
<tr>
<td>LCD Brightness</td>
<td>71</td>
</tr>
<tr>
<td>Power Saver</td>
<td>71</td>
</tr>
<tr>
<td>Date/Time</td>
<td>72</td>
</tr>
<tr>
<td>World time</td>
<td>72</td>
</tr>
<tr>
<td>File Numbering</td>
<td>73</td>
</tr>
<tr>
<td>Language</td>
<td>73</td>
</tr>
<tr>
<td>Video system</td>
<td>73</td>
</tr>
<tr>
<td>Copy to Card (Copy internal memory to memory card)</td>
<td>74</td>
</tr>
<tr>
<td>Reset Settings</td>
<td>75</td>
</tr>
<tr>
<td>FW Ver. (Firmware version)</td>
<td>75</td>
</tr>
<tr>
<td>CONNECTIONS</td>
<td>76</td>
</tr>
<tr>
<td>Connecting to a TV</td>
<td>76</td>
</tr>
</tbody>
</table>
Connecting to a PC ....................................77
    Setting the USB mode ..........................78
    Transferring files to your PC ..............78
Connecting to a PictBridge compatible
    printer .................................................79
    Setting the USB mode ..........................80
Using the PictBridge menu ....................82
    Print with date .................................82
    Print without date ..............................83
    Print index ......................................84
    Print DPOF ......................................85
    Exit ..............................................85

Appendices ............................................86
    Specifications:
        G2 .................................................86
        A735/A835 ......................................90
        E840s/E1035/E1235 ..........................94
    Error messages ................................100
    Troubleshooting ...............................102
    Firmware upgrade instructions ..........104
GETTING READY

Unpacking

Your package should contain the camera model you purchased along with the following items. If anything is missing or appears to be damaged, please contact your vendor. (The accessories will vary based on model purchased and are noted below.)

- Rechargeable Lithium-ion battery (except A735/A835)
- AA-size alkaline batteries X2 (A735/A835 only)
- User Manual
- Quick start guide
- Wrist strap
- USB cable
- AV cable
- Battery charger (except A735/A835)
- CD-ROM
- Warranty card
Camera views: G2

Front View

1.  
2.  
3.  
4.  

4x optical zoom
6.75-27mm 1:3.5-5.15

8.0 megapixel G2

Back View

5.  
6.  

7.  
8.  
9.  
10.  

Right View

11.  
12.  
13.  
14.  
15.  
16.  

14x optical zoom
6.75-27mm 1:3.5-5.15
<table>
<thead>
<tr>
<th>Top View</th>
<th>Bottom View</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mic</td>
</tr>
<tr>
<td>2</td>
<td>Flash</td>
</tr>
<tr>
<td>3</td>
<td>Lens</td>
</tr>
<tr>
<td>4</td>
<td>AF assist beam/Timer indicator</td>
</tr>
<tr>
<td>5</td>
<td>LCD screen</td>
</tr>
<tr>
<td>6</td>
<td>Status LED</td>
</tr>
<tr>
<td>7</td>
<td>Mode dial</td>
</tr>
<tr>
<td>8</td>
<td>Face detection AF button</td>
</tr>
<tr>
<td>9</td>
<td>Menu button</td>
</tr>
<tr>
<td>10</td>
<td>Erase button</td>
</tr>
<tr>
<td>11</td>
<td>Exposure compensation/ Up button</td>
</tr>
<tr>
<td>12</td>
<td>Macro mode/ Right button</td>
</tr>
<tr>
<td></td>
<td>Top View</td>
</tr>
<tr>
<td>---</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>1</td>
<td>Flash</td>
</tr>
<tr>
<td>2</td>
<td>Lens</td>
</tr>
<tr>
<td>3</td>
<td>Mic</td>
</tr>
<tr>
<td>4</td>
<td>AF assist beam/Timer indicator</td>
</tr>
<tr>
<td>5</td>
<td>Status LED</td>
</tr>
<tr>
<td>6</td>
<td>LCD screen</td>
</tr>
<tr>
<td>7</td>
<td>Face detection AF button</td>
</tr>
<tr>
<td>8</td>
<td>T&amp;W button</td>
</tr>
<tr>
<td>9</td>
<td>Menu button</td>
</tr>
<tr>
<td>10</td>
<td>Erase button</td>
</tr>
<tr>
<td>11</td>
<td>Exposure compensation/ Up button</td>
</tr>
<tr>
<td>12</td>
<td>Macro mode/ Right button</td>
</tr>
</tbody>
</table>

**Left View**

| 23 | Wrist strap mount |
1. Mic  
2. Flash  
3. AF assist beam/Timer indicator  
4. Lens  
5. LCD screen  
6. Face detection AF button  
7. Status LED  
8. Mode dial  
9. Menu button  
10. Erase button  
11. Exposure compensation/Up button  
12. Macro mode/Right button  
13. Self-timer/Down button  
14. Flash mode/Left button  
15. Func/OK button  
16. Speaker  
17. Power button  
18. Shutter button  
19. Zoom scroll wheel  
20. Tripod mount point  
21. USB/AV port  
22. Memory card/Battery compartment  
23. Wrist strap mount
Camera views: E1035/E1235

Front View

1.  
2.  
3.  
4.  

Back View

5.  
6.  
7.  
8.  
9.  
10.  

Right View

11.  
12.  
13.  
14.  
15.  
<table>
<thead>
<tr>
<th><strong>Top View</strong></th>
<th><strong>Bottom View</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Flash</td>
<td>13. Self-timer/ Down button</td>
</tr>
<tr>
<td>2. AF assist beam/Timer indicator</td>
<td>14. Func/ok button</td>
</tr>
<tr>
<td>3. Lens</td>
<td>15. Flash mode/ Left button</td>
</tr>
<tr>
<td>5. LCD screen</td>
<td>17. Shutter button</td>
</tr>
<tr>
<td>6. Face detection AF button</td>
<td>18. Zoom scroll wheel</td>
</tr>
<tr>
<td>7. Status LED</td>
<td>19. Speaker</td>
</tr>
<tr>
<td>8. Mode dial</td>
<td>20. Tripod mount point</td>
</tr>
<tr>
<td>9. Menu button</td>
<td>21. USB/ AV port</td>
</tr>
<tr>
<td>10. Erase button</td>
<td>22. Memory card / Battery compartment</td>
</tr>
<tr>
<td>11. Exposure compensation/Up button</td>
<td>23. Wrist strap mount</td>
</tr>
<tr>
<td>12. Macro mode/ Right button</td>
<td></td>
</tr>
</tbody>
</table>
1. Place the battery into the charger as shown.
2. Plug one end of the connecting cable into the charger base.
3. Plug the other end of the connecting cable into a wall outlet.

Leave the battery to charge until the charger light goes green. (To maximize battery life, the first charge should be at least 4 hours)

Throughout the rest of the manual, the following illustrations show the E1035 model as an example. (G2, A735, A835, E840s, and E1235 operate similarly.)
Inserting the battery

1. Open the battery compartment.

2. Insert the battery while observing the correct polarity. Use the side of battery to press down the stopper as shown, allowing the battery to be inserted properly.
3. Close the battery compartment.

Battery capacity decreases with usage.

Inserting the battery (A735/A835)

1. Open the battery compartment.
2. Insert the battery while observing the correct polarity. Use the side of battery to press down the stopper as shown, allowing the battery to be inserted properly.

3. Close the battery compartment.
Inserting an optional SD/SDHC card

1. Open the battery compartment.

2. Insert an optional SD/SDHC card into the memory card slot as shown.

Optional SD/SDHC cards are not included. The use of 64MB to 4GB memory cards from recognized manufacturers such as SanDisk, Panasonic and Toshiba is recommended for reliable data storage.
3. Close the battery compartment.

To remove the SD/SDHC card, open the battery compartment and gently push the card to release it. Pull the card carefully.

Turning on and off

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

When turned on, the camera will enter the mode according to the mode dial setting. You can also turn the mode dial to change the modes after the camera is turned on.
Using the Mode Dial

The GE camera provides a convenient mode dial that allows you to switch between different modes with ease. All the available modes are listed as follows.

<table>
<thead>
<tr>
<th>Mode Name</th>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto</td>
<td>📷</td>
<td>Switch to take still pictures. (The camera uses the default programmed automatic settings.)</td>
</tr>
<tr>
<td>Playback</td>
<td>🎦</td>
<td>Switch to view the pictures/videos stored in the memory card and internal memory.</td>
</tr>
<tr>
<td>Movie</td>
<td>🎥</td>
<td>Switch to record videos.</td>
</tr>
<tr>
<td>Image Stabilization</td>
<td>📷</td>
<td>Switch to use Image Stabilization when taking still pictures.</td>
</tr>
<tr>
<td>Scene</td>
<td>📷</td>
<td>Switch to use a preset scene mode for taking still pictures. There are 12 scenes in total.</td>
</tr>
<tr>
<td>Portrait</td>
<td>📷</td>
<td>Switch to portrait mode when taking close-up portrait photos.</td>
</tr>
<tr>
<td>Panorama</td>
<td>📷</td>
<td>Switch to capture a sequence of shots and stitch them together into a panoramic photo.</td>
</tr>
<tr>
<td>Manual</td>
<td>⚙️</td>
<td>Switch to take still pictures in manual mode, where many camera settings can be configured. (Recommended for advanced users only)</td>
</tr>
</tbody>
</table>
Setting date/time and language

To set the language, date, and time, the following settings need to be configured in the Setup menu.

- Date / Time
- Display language

To access the Setup menu, do the following:
1. Press **Power** to turn the camera on.
2. Press the **button and use Up/Down/Left/Right to select the Setup menu.

**Setting the Date and Time**
1. Use the **Up/Down** to select **Date/Time**. Then press the **Right** to enter the setting.
2. Press the **Left/Right** to highlight each field and use the **Up/Down** to adjust the value.

3. Press the [OK] button to confirm the setting.

**Setting the Language**

1. Use the **Up/Down** to select **Language**. Then press the **Right** to enter the setting.

2. Use the navigation buttons to select the desired language.

3. Press the [OK] button to confirm the setting.

The Set date/time and language screen will automatically appear when the camera is turned on the first time.
If the LCD monitor is damaged, take particular care with the liquid crystal in the monitor. If any of the following situations arise, take the urgent action indicated.

- If liquid crystal comes in contact with your skin, wipe the area with a cloth and then wash thoroughly with soap and running water.
- If liquid crystal gets into your eye, flush the affected eye with clean water for at least 15 minutes and then seek medical assistance.
- If liquid crystal is swallowed, flush your mouth thoroughly with water. Drink large quantities of water and induce vomiting. Then seek medical assistance.

About the LCD screen

When you turn the camera on, various icons are shown on the LCD screen to indicate the current camera settings and status. To learn more about the displayed icons, see “LCD Screen display” on page 36.

LCD Screen notes:
Extremely high-precision technology had been used to manufacture the LCD screen so that most of the pixels are operational for use. However, there may be some minute points (black, white, red, blue or green) that constantly appear on the LCD screen. These points are normal in the manufacturing process and the recording is not affected in any way.
Shooting in Auto mode

Auto mode is the easiest mode to take photos. While operating in this mode, the camera automatically optimizes your photos for best results.

To start shooting, do the following:

1. Set the mode dial to Auto mode (Auto).
2. Press Power to turn the camera on.
3. Compose your picture on the LCD screen and press the shutter button halfway to focus on the subject.
4. When the subject is in focus, the green colored focus frame appears on the center of the LCD screen.
5. Press Shutter fully to capture the image.

Using the zoom function

Your camera is equipped with two types of zoom: optical zoom and digital zoom. Use the Zoom scroll wheel on the top of the camera to zoom in or out on your subject while taking pictures.

When the optical zoom factor reaches its maximum value, it stops momentarily. Keep the (Tele) zoom button depressed and zoom will switch over to digital zoom automatically.
Using the flash

There are six flash modes. Press the **Left/Flash** to cycle through the following flash modes.

- **Auto flash**
  Camera flash fires automatically based on existing light conditions.

- **Red-eye reduction flash**
  The camera fires a brief flash before the picture is taken to reduce red-eye effects.

- **Forced flash**
  Flash always fires.

- **Flash off**
  Flash is turned off.

- **Slow Synchro**
  This allows you to take pictures of people at night that clearly show both your subjects and the night time backdrop.

- **Red-Eye Reduction+Slow Synchro**
  Use this mode for slow synchro shots with red-eye reduction.

Using the self-timer/Multiple shots

To enable the self-timer function, press the **Down/Self-timer** to select 2-second timer delay, 10-second timer delay, or a continuous shot.

- **2-second timer delay**
  A single picture is shot 2 seconds after the shutter button is pressed.

- **10-second timer delay**
  A single picture is shot 10 seconds after the shutter button is pressed.

- **Continuous shot**
  Pictures are shot continuously when the shutter button is pressed based on the Continuous Shot settings in the menu. (See “Continuous Shot” on page 56).
Using Macro mode

In **Macro** mode, you can capture tiny details of the subject at a very close range. Press the **Right/Macro** to take close-up shots.

- ![Macro](image)

  Select this to focus on subjects 5cm from the lens.

---

Exposure compensation

The exposure compensation allows you to adjust the background brightness to produce the best result of photos. To change the exposure values, do the following:

1. When taking a picture, press the Up/Exposure button to activate the set exposure screen.

2. Use the **Left/Right** to adjust the exposure value for the picture. The range is from EV -2.0 to EV+2.0 (steps of 0.3).
Advanced function menu (quick menu setup)

WB (White Balance)
The white balance allows the user to adjust the color temperature under different light source to ensure faithful color reproduction. (The WB setting is only available when the camera is in the Manual mode).

To set the white balance, do the following:
1. Press the button to enter the Function menu. Make sure the WB function is selected.

2. Use Up/Down navigation buttons to select the setting you want. The following options are available:
   - Auto
   - Daylight
   - Cloudy
   - Fluorescent
   - Fluorescent CWF
   - Incandescent
   - Manual WB adjustment (press the menu button to set)

3. Use the Left/Right buttons to select other options, or press the button once to confirm your selection and exit the current menu.
ISO

The ISO function allows you to set the camera sensor sensitivity to light. To improve the performance in darker environments, a higher ISO value is required. On the other hand, a lower ISO value is needed when in bright conditions. (The ISO setting is only available when the camera is in the Manual mode).

To set the ISO value, do the following:

1. Press the button to enter the Function menu.
2. Use the Left/Right navigation buttons to highlight the ISO function.

Higher ISO pictures will naturally have more noise than lower ISO pictures.

3. Use the Up/Down navigation buttons to select the desired ISO value from Auto, 64, 80, 100, 200, 400, 800, or 1600.
4. Press the button to confirm your setting.
5. Use the Left/Right buttons to select other options, or press the button once to confirm your selection and exit the current menu.
Quality
The quality setting adjusts the compression ratio of the images. Higher quality settings give better photos, but will take up more memory space.

To set the image quality, do the following:
1. Press the \( \text{func}\) button to enter the Function menu.
2. Use the Left/Right navigation buttons to highlight the Quality function.
3. Use the Up/Down navigation buttons to select a desired setting. Three options are available.
   - \( BQ\) : Best quality (Standard compression)
   - \( FQ\) : Fine quality (High compression)
   - \( NQ\) : Normal quality (Maximum compression)
4. Press the \( \text{func}\) button to confirm your setting.
5. The number of available shots remaining is displayed on the LCD.
6. Use the Left/Right buttons to select other options, or press the \( \text{func}\) button once to confirm your selection and exit the current menu.
Size

The size setting refers to the image resolution in pixels. A higher image resolution allows you to print that image in larger sizes without degrading the image.

To set the image size, do the following:
1. Press the button to enter the Function menu.
2. Use the Left/Right navigation buttons to highlight the Size function.
3. Use the Up/Down navigation buttons to select a resolution.
4. Press the button to confirm your setting.
5. The number of available shots is displayed on the screen.

The bigger the number of recorded pixels is, the better the image quality becomes. As the number of recorded pixels becomes smaller, you will be able to record more frames on a memory card.

Please refer to page 34 for a list of image sizes that are available to the various GE digital camera models.
Color

The color setting allows you to add artistic effects directly when taking shots. You can try different color tones to alter the mood of your pictures.

(The Color setting is only available when the camera is in the **Manual** mode).

To set the image color, do the following:

1. Press the **button** to enter the **Function** menu.
2. Use the **Left/Right** navigation buttons to highlight the **Color** function.
3. Use **Up/Down** to select an option. The following options are available:
   - **Auto**
   - **Black & White**
   - **Sepia**
   - **Vivid**
4. Press the **button** to confirm your setting.
- Size settings in shooting mode. (•: available)

<table>
<thead>
<tr>
<th>Icon</th>
<th>File size (Pixels)</th>
<th>G2</th>
<th>A735</th>
<th>A835</th>
<th>E840s</th>
<th>E1035</th>
<th>E1235</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.3M: 640×480</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td></td>
<td>1M: 1024×768</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td></td>
<td>2M: 1600×1200</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td></td>
<td>3M: 2048×1536</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td></td>
<td>5M: 2560×1920</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td></td>
<td>5M(16:9): 3072×1728</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
<td>•</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6M: 2816×2112</td>
<td>•</td>
<td></td>
<td></td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6M(3:2): 3072×2048</td>
<td>•</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6M(16:9): 3264×1836</td>
<td>•</td>
<td></td>
<td></td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Icon</td>
<td>File size (Pixels)</td>
<td>G2</td>
<td>A735</td>
<td>A835</td>
<td>E840s</td>
<td>E1035</td>
<td>E1235</td>
</tr>
<tr>
<td>------</td>
<td>------------------</td>
<td>----</td>
<td>------</td>
<td>------</td>
<td>-------</td>
<td>-------</td>
<td>-------</td>
</tr>
<tr>
<td>![7M icon]</td>
<td>7M: 3072×2304</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>![7M(3:2) icon]</td>
<td>7M(3:2): 3264×2176</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>![7M(16:9) icon]</td>
<td>7M(16:9): 3648×2052</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>![8M icon]</td>
<td>8M: 3264×2448</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>![9M(3:2) icon]</td>
<td>9M(3:2): 3648×2432</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>![9M(16:9) icon]</td>
<td>9M(16:9): 4032×2268</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>![10M icon]</td>
<td>10M: 3648×2736</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>![10M(3:2) icon]</td>
<td>10M(3:2): 4032×2688</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>![12M icon]</td>
<td>12M: 4032×3024</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>
USING THE MODES

LCD Screen display

Still shooting mode display

Mode:  

1  Shooting mode icon
- Auto
- Panorama
- Scene

2  Scene icon (only available for Scene mode)
- Sport
- Children
- Indoor
- Leaf
- Snow
- Sunset

3  Light metering method
- Spot AE
- Center-Weight
- Ai AE

4  EV indicator

5  Self-timer indicator
- 2-second self-timer
- 10-second self-timer
- Continuous shot
6 Macro mode indicator
   Macro mode

7 Flash mode indicator
   Auto flash
   Red-eye reduction flash
   Forced flash
   Flash off
   Slow Synchro
   Red-Eye Reduction+Slow Synchro

8 Battery status

9 Face detection “on” indicator

10 Remaining number of photos that can be taken.

11 Focus frame

12 Zoom indicator

13 White balance (only available for **Manual** mode)

14 ISO (only available for **Manual** mode)

15 Image quality

16 Image size

17 Image color (only available for **Manual** mode)

18 Slow shutter warning indicator

19 Memory card/internal memory indicator

20 EV adjustment slider
Video shooting mode display

Mode: 🎥

1. Shooting mode icon
2. Light metering method
   - Spot AE
   - Center-Weight
   - Ai AE
3. EV indicator
4. Self-timer indicator
   - 10-second self-timer
5. Macro mode indicator
   - Macro mode
6. Battery status
7. Movie recording “on” indicator
8. Remaining time for videos that can be taken.
9. Focus frame
10. Zoom indicator
11. Video resolution
12. Video quality
13. Memory card/built-in memory indicator

For best movie results, the use of SD cards is recommended. Movie recordings using internal memory are subject to quality degradations.

While movie recording is in progress, optical zoom will stay fixed, but up to 1.5X digital zoom will remain available.
Playback mode display

Mode:  

1. Playback mode icon
2. DPOF file icon
3. File protection icon
4. Audio file icon
5. Video file icon
6. Memory card/internal memory indicator
7. Picture ID
8. Battery status
9. Photo audio status
   (Press the shutter button to record sound)
   (Press the shutter button to play sound)
10. Recording date and time
11. Histogram
12. Aperture value
13. Shutter speed
14. Exposure value
15. Memory capacity (current picture/total picture number)
16. ISO value
17. Image quality
18. Image size
   (See page 63 to get this info box to appear).
In **Scene** mode, you can select from a total of 12 scene types to match your needs. You just need to select the right scene for the occasion and the camera will automatically adjust to the optimal settings for you.

To enter the scene mode, turn the mode dial to **Scene** mode. The scene mode palette appears.

**Use Up/Down/Left/Right** to select a scene, and press the [func] button.

**Sport**
For shooting fast-moving objects. Bring lively pictures to life.

**Children**
Suitable for photographing children and pets. The flash shuts off automatically in order not to disturb the subject being photographed.

**Indoor**
For shooting people indoors. Clearly show background and atmosphere.

**Leaf**
For shooting plants. Vivid reproduction of green.
**Snow**
Suitable for snowy landscape. Camera automatically adjusts and corrects exposure value (EV).

**Sunset**
For shooting sunsets. Vivid reproduction of red and yellow.

**Fireworks**
For shooting at night and fireworks. Shutter-speed is slower than normal. (Use of tripod is recommended)

**Glass**
Suitable for photographing objects behind glass or window.

**Museum**
For shooting in museums or places where flash is not allowed.

**Landscape**
For shooting landscapes. Vivid reproduction of green and blue.

**Night landscape**
For shooting night scenes. Use of tripod is recommended.

**Night portrait**
For shooting portraits with night scenes as background.
Returning to the Scene selection menu

1. In **Scene** mode, press the \( \text{func}\) button to activate the main function menu.
2. Select the “SCENE” menu option and then press the \( \text{func}\) button to return to the Scene selection menu.

The main function menu also allows you configure image quality and image size.

Please refer to the "**Advanced Functions Menu**" section on pages 33 and 34 for detailed instructions.

---

**Panorama mode**

Panorama mode allows you create a panoramic picture. The camera will automatically compose a panoramic picture using the individual shots that you take.

Follow these steps to create a panoramic picture:

1. Set the mode dial to **Panorama mode** (\( \square \)).
2. Use the **Left/Right** buttons to specify the direction of picture taking, and then in 2 seconds the panoramic sequence will commence automatically.

3. Compose your first view on the LCD screen and press the shutter button.

4. The frame record icon will display under the focus frame to indicate the number of photos you have taken.

5. Using the same steps for the first shot, take the second and the third shots. Compose your shots so that the edges of the pictures overlap. The numeric indicators on the LCD inform you which shot is being taken.

6. The camera will then stitch the pictures into a panorama automatically.

7. Turn the mode dial to playback mode to view the panoramic picture.

- For best results the use of a tripod is recommended.
- While in panorama mode, press the button to save images and exit panorama shooting. Press the button to discard images and exit.
Image Stabilization mode

The Image Stabilization mode combats the effect of hand shake and allows you to take pictures that would otherwise be blurred.

1. Switch the mode dial to ( ) mode.
2. Press Shutter halfway to focus on the subject.
3. Press Shutter fully to capture the image.

Setting the Image Stabilization function under ( ) mode.

(Stabilization during Movie mode is only available when the Frame Rate is set to 15 fps)

1. Switch the mode dial to ( ) mode.
2. Press the button to enter the Function menu.
3. Use the Left/Right navigation buttons to highlight the Quality function.
4. Use the Up/Down navigation buttons to select 15fps, and press the button to confirm your settings.
5. Press the Menu button, and use Up/Down to select the Image Stabilization settings.
6. Use Up/Down to select Off or On. Then press the button to confirm.
The stabilizer function is used for less blur picture caused by hand shake under a dark environment, the camera would increase the ISO level under the mode to have a higher shutter speed.

This function may not help to take a clear picture of a fast moving target, such as a car passing by, etc.

This function may not help to stabilize photos if you are in a moving vehicle (car, boat, etc.). It is best used when taking normal shots.

Increasing the ISO level may cause heavier noise on the photo.

Use of a tripod is always best to get the clearest picture.
Face Detection

The Face Detection mode will detect faces of persons in a photo so that the faces will be as clear as possible.

1. While in photography mode, press the button to activate Face Detection. The indicator appears on the LCD.

2. Hold the camera securely, and point the camera towards the subject to start the face detection process. When the camera detects a face, a white rectangular frame will be drawn around the face. (Note: For best results, the face of the subject should be relatively large on the LCD screen, and the subject should be facing the camera as front on as possible.)

3. Press Shutter halfway to focus on the subject.

4. Press Shutter fully to capture the image.

5. Press the button again to deactivate face detection.
To view the captured photos and video clips on the LCD screen:

1. Turn your camera to **Playback** mode. The last recorded photo or video clip is displayed.

2. Use the **Left/Right** navigation buttons to scroll through the photos or video clips stored in the internal memory or memory card.

3. To play a selected video clip, press the button to enter the movie playback mode.

4. Use the **Left/Right** navigation buttons to select a program button and press the button to confirm the selection. The function of each button is described in the following.
During the video playback, an operation guide appears on the screen. You can use the navigation pad to perform the functions accordingly.

During the video playback, you can use the **Up/Down** navigation buttons to adjust the volume of playback.

![Video Playback](image1.png)

During the slow motion playback, you can use the **Left/Right** navigation buttons to adjust the speed of playback.

![Slow Motion Playback](image2.png)

- Volume will be muted when using the slow motion playback.
Editing video

Press the Edit \( \square \) program button to enter the following screen and use the buttons on the left side to edit the playback. Use the Up/Down navigation buttons to select a button.

1. Select the \( \text{1st} \) button and use the Left/Right navigation buttons to specify the new beginning of the playback.
2. Select the \( \text{2nd} \) button and use the Left/Right navigation buttons to specify the new end of the playback.

3. To save the file, select the \( \square \) button and press the \( \square \) button.
4. Use the Up/Down navigation buttons to select an option.

- **New file**: Save as a new file.
- **Overwrite**: Overwrite the original file.
- **Back**: Do not save the file and return to the Edit screen.

5. Press the \( \square \) button to confirm your setting.
To exit the Edit screen, select the \( \text{Func/OK} \) button and press the \( \text{Func/OK} \) button.

- Edited video must be at least 1 second long.
- With sufficient battery and at least 1GB available memory, up to 30 minutes of footage can be recorded per movie.

### Thumbnail view

When in **Playback** mode, move the zoom scroll wheel to the Wide position (\( \text{W} \)) once to display the thumbnail of photos and video clips on the screen.

1. Use the zoom scroll wheel to switch between the 2x2, 3x3, and 4x4 thumbnail display.
2. Use **Up/Down/Left/Right** to select a photo or video clip to view.

- If the \( \text{Func/OK} \) indicator appears on the LCD, then a movie file is currently being displayed.
- Press the \( \text{Func/OK} \) button to restore a preview icon to its original image size.
Using zoom playback (for still pictures only)

The zoom scroll wheel can also be used during playback. This allows you to magnify photos up to 8X.

1. Turn your camera to **Playback** mode.
2. Use the **Left/Right** navigation buttons to select a photo to magnify.
3. Move the zoom scroll wheel to the Tele position (T) once.
4. Use the zoom scroll wheel to zoom in and out. The zoom indicator and pan box appear on the screen.
5. Use the navigation buttons to pan across the image.
6. Press the **button** to return the image to its original scale.

- Movie images cannot be enlarged.
Using the Delete button

The camera is equipped with a quick **Delete** button for you to delete photos or video-clips without entering the **Playback** menu.

To delete a photo or video:
1. Turn your camera to **Playback** mode.
2. Use the navigation buttons to select the photo/video clip you want to delete.
3. Press the **Delete** button. The Delete screen appears.
4. Press the **Up/Down** navigation buttons to select **Yes** or **No**. Then press the **OK** button to confirm.

   - Erased photos/video clips cannot be recovered.
   - Please refer to page 64 for instructions on the delete menu options.
   - The ** microphone icon** appears if the picture has a sound file attached. You can choose to delete the attached sound file alone or to delete both the picture and the sound file.
Still menu

Mode:  📷  📸  SCN  🎥  📈  📆  🎥  🎥  📆

In still shooting modes, press the  меню button to enter the Still menu.

To configure the settings:

1. Use the **Up/Down** navigation buttons to scroll through the menu items.
2. Press the **Right** navigation button to enter the submenu.
3. Use the **Up/Down** navigation buttons to select an option.
4. Press the **func. ok** button to confirm the setting and exit the menu.

Refer to the following sections for more detailed information on each setting.
AF mode (Auto-Focus mode)

Use this setting to control the auto-focus mechanism while taking pictures.

Two options are available:

- **Single-AF**: The focus frame appears on the center of the LCD screen to focus on the subject.
- **Multi-AF**: The camera automatically focuses the subject in a wide area to find the focus point.

AF-assist beam

Use this setting to aid focus in dark conditions. Select **On** to turn on the AF assist beam, or **Off** to disable the function.
Expo Metering (Exposure Metering)
Use this setting to select an area for the exposure to be obtained.

Three options are available:
• Spot AE (Spot Auto Exposure)
• Center-Weight
• AiAE (Artificial Intelligence AE)

Cont. Shot (Continuous shot)
Use this setting to perform continuous shooting. Once in this mode, you must continuously hold the shutter button to use this function.

Four options are available:
• Off: Capture a single shot only.
• 5 shot: Capture up to 5 consecutive pictures.
• Last 5 shots: Capture pictures continuously until the shutter button is released but only the last 5 shots are recorded.
- **Time-Lapse**: Automatically capture pictures in at predefined intervals.

  The flash is designed not to work in this mode in order to enable quick succession of shots.

  To activate this mode, the camera must have the self-timer for multiple shots already turned on (as described on page 27)

**Grid**

Use this setting to turn on or off the framing grids when taking photos. This may help you position the subject in your composition.

---

**Quick Review**

This setting refers to the quick photo review immediately after taking a picture. The picture stays on the LCD screen for an adjustable period of time.

Four options are available:

- **Off**
- **1 sec**
- **2 sec**
- **3 sec**
**Digital Zoom**

Use this setting to enable or disable the digital zoom function. When disabled, only the optical zoom is enabled.

- **Off**: gray color.
- **On**: reddish color.

**Histogram**

The histogram is used for checking the exposure while taking pictures. Use this setting to enable or disable the histogram display on the LCD screen.

- **Off**
- **On**
Slow Shutter

In Slow shutter mode, the shutter will remain open as long as the shutter button is pressed. This gives you complete control over the duration of exposure. (The slow shutter mode is available only in manual mode.

- **Manual**: To set a long exposure time between 2~30 sec.
  - The use of tripod is recommended for prolonged exposure.

Date Imprint

Include a date/time stamp in the photo image.

- **Off**
- **Date**
- **Date and time**
Movie menu

Mode: 🎥
In movie shooting mode, press the 📷 button to enter the Movie menu.

To configure the settings:

1. Use the Up/Down buttons to scroll through menu items.
2. Press the Right navigation button to enter the submenu.
3. Use the Up/Down navigation buttons to select an option.
4. Press the OK button to confirm the setting and exit the menu.

Refer to the following sections for more detailed information on each setting.
Expo Metering (Exposure Metering)
Set metering mode for various lighting conditions.

Three options are available:

- **Spot metering**
- **Center-weighted average metering**
- **Artificial intelligence automatic exposure (Ai AE)**

Stabilization
Please refer to page 44 for instructions on image stabilization.
While in Movie mode, image stabilization can be activated and de-activated via the recording menu.
Playback menu

Mode: 

In playback mode, press the button to enter the **Playback** menu.

Please refer to the following sections for detailed instructions on the various menu options.

---

**Protect**

To prevent pictures or videos being erased accidentally, you can use this setting to lock one or all files.

To protect/unprotect a picture or video:
1. Switch to playback mode using the mode dial. Use the **Left/Right** buttons to locate and display the photo or movie that you want to protect.
2. Select the **Protect** setting from the **Playback** menu as described previously.

3. Use the **Up/Down** navigation buttons to select **One** to protect this picture/video, or select **All** to protect all pictures/videos in the internal memory or memory card. Then press the **Right** navigation button.

4. Use the **button to select **Yes** to lock the displayed picture/video or **Unlock** to unlock it, and use the **Up/Down** navigation buttons to select **Back** to return to the **Playback** menu.

5. A key (잠금) icon will appear on the top of the screen to indicate that the picture/video is protected.

6. Select **reset** to cancel protection for all files that have been placed in the protected mode.

---

**Delete**

There are three ways to delete files: (please note that a file cannot be recovered once it is deleted.)

- **Delete One:**
  1. On the Delete menu, select **Delete One** and then press the **Right** button.
  2. Using the **Left/Right** buttons, locate the photo or movie file to be deleted. Select **Yes** (to delete file) or **No** (to return to
the previous menu) using the **Up/Down** buttons, then press the **button to confirm.

**Delete All:**
1. On the Delete menu, select **Delete All** and then press the **Right** button.
2. Using the **Left/Right** buttons, select **Yes** (to delete all files) or **No** (to cancel and return to the previous menu).

**Delete Selected:**
1. On the Delete menu, select **Delete Selected Files** and then press the **Right** button.
2. Use the **Up/Down/Left/Right** buttons to locate each file to be deleted, and then press the **button to mark the file for deletion. An indicator will appear for each file that is marked for deletion. (Use the Zoom button to re-size image icons for easy viewing.)
3. Press the **button to delete the selected files. Choose **Yes** to confirm file deletion or **No** to return to the previous menu.

- The “**” indicator means a file is protected. File protection must be removed first before a file can be deleted.
- Deleting files will cause DPOF settings to be reset.
DPOF (Digital Print Order Format)
DPOF allows you to record your selection of pictures that you would like to print, and will save your selection in the memory card, so that you can simply hand your memory card to a photo kiosk without having to tell them in person which photos you would like to print.

Info. Box (Information Box)
Use this setting to enable or disable the text display for taking pictures. The following information will be displayed on the screen: histogram display, aperture value, shutter speed, exposure value, image size, image quality, and ISO value. (Please refer to page 39 for information on the menu options shown.)
Trim
The trim setting allows you select an area of the photo you want to keep and then save it as a new photo.

To trim a picture:
1. Select the **Trim** setting from the **Playback** menu as described previously.
2. Using the **Left/Right** buttons, locate the photo that you want to crop and have it displayed on the LCD.
3. Use the zoom scroll wheel and navigation buttons to adjust the trimming box to fit the location and size of the new picture.
4. Press the **Shutter** button to save what you see on the LCD screen as a new picture, or the **button to cancel and return to the **Playback** menu.

Resize
This setting allows you to resize picture to a specified resolution, and save it as a new picture.

1. Select the **Resize** setting from the **Playback** menu as described previously.
2. Use the **Left/Right** navigation buttons to select a picture to resize.

3. Use the **Up/Down** navigation buttons to select a resolution **(1024X768 or 640X480)** to resize the image or **back** to cancel and return to the **Playback** menu.

4. Press the **func.** button to confirm the setting.

   Resizing an image creates a new file that contains the image in the size you select. The file with the original image also remains in memory.

   If the message “The image cannot be edited.” appears, it means that the current image cannot be resized.

**Rotate**

You can use this setting to change the picture orientation of the picture.

1. Select the **Rotate** setting from the **Playback** menu as described previously.

2. Use the **Left/Right** navigation buttons to select a picture to rotate.

3. Use the **Up/Down** navigation buttons to select the direction for rotation or **Back** to...
cancel and return to the **Playback** menu.

4. Press the **button** to confirm the setting.

The rotated image will be saved as a new file, and the original image will remain intact in memory.

---

**Slide show**

This setting allows you to view all the stored pictures as a slideshow.

1. Select the **Slide show** setting from the **Playback** menu as described previously.

2. Use the **Up/Down** navigation buttons to select Effect, Interval time, or Repeat and use the **Left/Right** navigation buttons to adjust the setting.

3. Use the **Up/Down** navigation buttons to select **Start** to run the slideshow or **Cancel** to return to the **Playback** menu.

4. Press the **button** to confirm the setting.

---

**Red-eye removal**

Use this setting to remove red-eye effect in your photos.

1. Select the **Red-eye removal** setting from the **Playback** menu as described previously.
Mode:  

The Setup menu is available in all modes. Press the button in any modes, then use the navigation buttons to select the Setup menu.

To configure the settings:

1. Use the Up/Down navigation buttons to scroll through the menu items.
2. Press the Right navigation button to enter the setting.

Refer to the following sections for more detailed information on each setting.

**Format Memory**

Please note: formatting enables you to delete all contents in the memory card and built-in memory, including protected photo and movie files.

To use this setting:

1. Select the Format Memory setting from the Setup menu as described previously.
2. Use the Left/Right navigation buttons to select Yes or No, and press the button to confirm.
3. The current media is formatted.

**Beep**

Use this setting to adjust the volume of beep when buttons are pressed and change the tones for shutter, buttons, self-timer, and power-on/power-off.

To change this setting:

1. Select the **Beep** setting from the **Setup** menu as described previously.
2. Use the **Up/Down** navigation buttons to switch between volume, shutter tone, key tone, self-timer tone, and power tone fields.

3. Use the **Left/Right** navigation buttons to adjust the volume and change each tone style. Then press the **button to confirm.**
**LCD Brightness**

Use this setting to adjust the brightness of your LCD screen.

1. Select the **LCD Brightness** setting from the **Setup** menu as described previously.
2. Use the **Up/Down** buttons to select to **Auto** or **Manual** brightness adjustment, and then press **OK** to confirm your election.
3. For manual adjustment, use the **Left/Right** buttons to adjust the brightness.

---

**Power Saver**

This setting allows you to save power and get the maximum possible running time for your battery. Follow the steps below to turn off the LCD screen and camera automatically after a period of inactivity.

1. Select the **Power Save** setting from the **Setup** menu as described previously.
2. Use the **Up/Down** navigation buttons to switch between LCD power and Camera power fields.
3. Use the **Left/Right** navigation buttons
to specify the idle period before automatic power-off. The level bars correspond to the following idle periods.

- LCD off:
  30 seconds, 1 minute, 2 minutes, and Always on.
- Camera off:
  3 minutes, 5 minutes, 10 minutes, and Always on.

4. Press the \( \text{func} \) button to confirm.

**Date/Time**

See “**Setting the Date and Time**” section on page 25.

**World time**

The world time setting is a useful function on your overseas trips. This feature enables you to display the local time on the LCD screen while you are overseas.

1. Select the **World time** setting from the **Setup** menu as described previously. The world time screen appears.

2. Use the **Up/Down** navigation buttons to switch between the hometown (\( \text{🏠} \)) and travel destination (\( \text{✈️} \)) fields.

3. Use the **Left/Right** navigation buttons to select a city close to the desired time zone. Then press the \( \text{func} \) button to confirm.
File Numbering
After capturing photos or videos, the camera will automatically save the file with a numeric suffix.

<table>
<thead>
<tr>
<th>Select this setting</th>
<th>Serial number is derived and assigned to a new file as follows:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continue</td>
<td>whether the number should continue on from the last photo you have taken</td>
</tr>
<tr>
<td>Reset</td>
<td>reset the counter to 1 and save files in a new folder in the memory card.</td>
</tr>
</tbody>
</table>

Language
See “Setting the Language” section on page 26.

Video system
Use this setting to determine your video system in the current area.

1. Select the Video system setting from the Setup menu as described previously.
2. Use the Up/Down navigation buttons to select NTSC or PAL. Then press the button to confirm.

The video output signal can be switched to NTSC or PAL to accommodate different regional standards. The appropriate setting will vary between regions.
**NTSC**: USA, Canada, Taiwan, Japan, etc.

**PAL**: Europe, Asia (excluding Taiwan), Oceania, etc.

Note: The TV output will not display properly if an incorrect video system is selected.

**Copy to Card (Copy internal memory to memory card)**

Use this setting to copy the files stored in the internal memory to the memory card.

1. Select the **Copy to memory card** setting from the **Setup** menu as described previously.

2. Use the **Up/Down** navigation buttons to select **Yes** or **No**. Then press the **OK** button to confirm.
**Reset Settings**
Use this setting to restore the camera to its default settings.

1. Select the **Reset** setting from the **Setup** menu as described previously.

2. Use the **Up/Down** navigation buttons to select **Yes** or **No**. Then press the **OK** button to confirm.

**FW Ver. (Firmware version)**
Use this setting to view the current camera firmware version.

1. Select the **FW Ver.** setting from the **Setup** menu as described previously.

2. If SD card contains a new version of firmware, please upgrade accordingly as necessary.
You can connect your camera to your television, computer, or printer to view the picture you have taken.

By using the AV cable, you can view the captured images on a TV. Follow the steps below to connect the supplied AV cable to a TV.

1. Choose **[NTSC]** or **[PAL]** to match your TV video standard (see page 73) and then turn off the camera.
2. Connect one end of the AV cable to the USB/AV OUT port on your camera.
3. Connect the plugs on the other end of the cable to the audio and video input ports on the TV.
4. Turn on the camera and the TV on.

- Make sure that both the camera and TV are turned off before connecting the AV cable.
- Use a fully charged battery to prevent the camera from turning off unexpectedly while connected.
Connecting to a PC

Use the USB cable and ArcSoft software (CD-ROM) supplied with your camera to copy (transfer) pictures to a computer.

Setting the USB mode

Since the camera’s USB port can be set to connect with either a PC or a Printer, the following steps will allow you to ensure that the camera is correctly configured to connect with a PC.

1. Press the button and use the Up/Down navigation buttons to select USB Connect, and then press the Right navigation button.
2. Use the Up/Down navigation buttons to select PC.
3. Press the button to confirm the setting.

Transferring files to your PC

The computer will automatically detect the camera as a removable drive. Double-click My Computer icon on the desktop to locate the removable drive and to copy the folders and files in the drive to a directory on your PC as you would copy any typical folder or file.
By using the USB cable, you can transfer the captured photos and videos to a PC. Follow the steps below to connect the camera to a PC.

1. Start a computer to which ArcSoft software has been installed.
2. Make sure both the camera and PC are turned on.
3. Connect one end of the supplied USB cable to the USB/AV OUT port on your camera.
4. Connect the other end of the cable to an available USB port on your PC.

5. Disconnect the camera once transfer is completed.

**If the USB option is set to [PC] :**
Turn the camera off and disconnect the USB cable.

**If the USB option is set to [PC (PTP) ] :**
Remove the camera from the system as described below before turning the camera off and disconnecting the USB cable.

**Window XP Home Edition/XP Professional**
Click the [Safely Remove Hardware] icon (          ) in the taskbar and select [Safely remove USB Mass Storage Device] from the menu displayed.
Window 2000 Professional
Click the [Unplug or Eject Hardware] icon ( ) in the taskbar and select [Stop USB Mass Storage Device] from the menu displayed.

Macintosh
Drag the untitled icon to the Trash. ("Untitled")
Connecting to a PictBridge compatible printer

PictBridge allows printing images from a memory card in a digital camera directly to a printer, regardless of brand.

To find out if a printer is PictBridge compatible, simply look for the PictBridge logo on the packaging or check the manual for specifications. With the PictBridge function on your camera, you can print the captured photos directly with a PictBridge compatible printer using the supplied USB cable, without the need for a PC.

Setting the USB mode

Since the camera’s USB port can be set to connect with either a PC or a Printer, the following steps will allow you to ensure that the camera is correctly configured to connect with a Printer.

1. Press the \( \text{func} \) button and use Up/Down to select USB Connect, and then press the Right navigation button.
2. Use Up/Down to select Printer.
3. Press the \( \text{func} \) button to confirm the setting.

Every time the camera is powered off, the USB Mode will automatically revert back to PC mode.
Connecting the camera and printer.

1. Make sure both the camera and printer are turned on.
2. Connect one end of the supplied USB cable to the USB port on your camera.
3. Connect the other end of the cable to the USB port on the printer.

If the camera is not connected to a PictBridge compatible printer, the following error message appears on the LCD screen.

The above error message would also appear if the USB mode were set incorrectly, in which case you should disconnect the USB cable, check the USB mode settings, ensure that the Printer is turned on, and then try connecting the USB cable again.
Using the PictBridge menu

After setting the USB mode to Printer, the PictBridge menu appears.

Use the **Up/Down** navigation buttons to select a menu item, and press the **Right** navigation button to enter.

Refer to the following sections for more detailed information on each setting.

**Print with date**

If you have set the date and time of your camera, the date record would be saved with the photos you take. You can print the photos with date by following the steps below.

1. Select **Print with date** from the PictBridge menu. The following screen appears.
2. Use the **Left/Right** navigation buttons to scroll through the photos.
3. Use the **Up/Down** navigation buttons to select the number of prints for the current displayed photo.
4. Press the ![func](button) and the following screen appears.

5. Select **Yes** to confirm printing, or **No** to cancel. Then press the ![func](button).

---

**Print without date**

Use this setting to print the photos without dates on them.

1. Select **Print without date** from the **PictBridge** menu. The following screen appears.

2. Use the **Left/Right** navigation buttons to scroll through the images.
3. Use the **Up/Down** navigation buttons to select the number of prints for the current
displayed image.

4. Press the button and the following screen appears.

5. Select Yes to confirm printing, or No to cancel. Then press the button.

---

**Print index**

You can use this setting to print all indexes to show all the photos currently in your camera.

1. Select **Print index** from the **PictBridge** menu. The following screen appears.

2. Select Yes to confirm the printing, or No to cancel. Then press the button.
Print DPOF (Digital Print Order Format)

To use DPOF printing, you must make the selection of photos for printing using the DPOF settings before hand. See “DPOF” section on page 64.

1. Select **Print DPOF** from the **PictBridge** menu. The following screen appears.

![Print DPOF images?](image)

2. Select **Yes** to confirm the printing, or **No** to cancel. Then press the button.

Exit

To exit the **PictBridge** menu, select **Exit**. The “Remove USB cable” message will be displayed.

Disconnect the USB cable from the camera and printer.
### Specifications: G2

"Design and specifications are subject to change without notice."

<table>
<thead>
<tr>
<th>Effective Image Sensor Pixels</th>
<th>8.0 Megapixels</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Image Sensor</strong></td>
<td>8.31 Megapixels [1/2.35” Charge Coupled Device (CCD)]</td>
</tr>
<tr>
<td><strong>Lens</strong></td>
<td></td>
</tr>
<tr>
<td>Focal Length $F = , 6.75\text{mm (Wide)} \sim 27\text{mm (Tele)}$</td>
<td></td>
</tr>
<tr>
<td>[35mm film equivalent]</td>
<td>[38mm (Wide) \sim 152\text{mm (Tele)}]</td>
</tr>
<tr>
<td>F number</td>
<td>F3.5 (Wide) \sim F5.15 (Tele)</td>
</tr>
<tr>
<td>Lens Construction</td>
<td>14 elements in 11 groups</td>
</tr>
<tr>
<td>Optical Zoom</td>
<td>4X</td>
</tr>
<tr>
<td>Focusing Range</td>
<td>Normal: 60\text{cm} \sim \infty; Macro: (Wide) 6\text{cm} \sim \infty; (Tele) 40\text{cm} \sim \infty</td>
</tr>
<tr>
<td><strong>Anti-Handshake</strong></td>
<td>Electronic Image Stabilization</td>
</tr>
<tr>
<td><strong>Digital Zoom</strong></td>
<td>4.5X digital zoom (Combined Zoom: 18X)</td>
</tr>
<tr>
<td><strong>Number of Recording Pixels</strong></td>
<td>Still Image (See page36)</td>
</tr>
<tr>
<td></td>
<td>8MP, 7MP (3:2), 6MP(16:9), 5MP, 3MP, 2MP, 1MP, 0.3MP</td>
</tr>
<tr>
<td></td>
<td>Movie</td>
</tr>
<tr>
<td></td>
<td>640x480pixels: 30fps/15fps, 320x240pixels: 30fps/15fps</td>
</tr>
<tr>
<td>Feature</td>
<td>Details</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>Image Compression</td>
<td>Best, Fine, Normal</td>
</tr>
<tr>
<td>DCF, DPOF (Ver1.1) Support</td>
<td>Yes</td>
</tr>
<tr>
<td>File Format</td>
<td></td>
</tr>
<tr>
<td>Still Image</td>
<td>Exif 2.2 (JPEG)</td>
</tr>
<tr>
<td>Movie</td>
<td>Image Compression: MPEG4, Audio: G.711 [Monaural]</td>
</tr>
<tr>
<td>Audio</td>
<td>WAVE [Monaural] (Max 60 seconds)</td>
</tr>
<tr>
<td>Shooting Modes</td>
<td>Auto, Manual, Image Stabilization, Movie, Scene (Sport, Children, Indoor, Leaf, Snow, Sunset, Fireworks, Glass, Museum, Landscape, Night Landscape, Night Portrait), Panorama, Portrait</td>
</tr>
<tr>
<td>Face-Detection</td>
<td>Yes</td>
</tr>
<tr>
<td>Red-eye Removal</td>
<td>Yes</td>
</tr>
<tr>
<td>Panorama Stitching</td>
<td>Yes</td>
</tr>
<tr>
<td>LCD Display</td>
<td>2.7 inch LTPS (low-temperature polycrystalline silicon) TFT color LCD (230,400 pixels)</td>
</tr>
<tr>
<td>ISO Sensitivity</td>
<td>Auto, ISO 64/100/200/400/800/1600</td>
</tr>
<tr>
<td>Feature</td>
<td>Specification</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>AF Method</td>
<td>Single AF, Multi-AF (TTL 9-point), Face-Detection, AF Assist Light (On/Off)</td>
</tr>
<tr>
<td>Light Metering Method</td>
<td>Artificial Intelligence AE (Ai AE), Center-weighted Average, Spot (Fixed to center of frame)</td>
</tr>
<tr>
<td>Exposure Control Method</td>
<td>ProgramAE (AE-lock available)</td>
</tr>
<tr>
<td>Exposure Compensation</td>
<td>±2 EV in 1/3 steps</td>
</tr>
<tr>
<td>Shutter Speed</td>
<td>4 ~ 1/2000 second (Manual 30 seconds)</td>
</tr>
<tr>
<td>Continuous Shooting</td>
<td>Approx. 1.8 fps (Large/Fine mode)</td>
</tr>
<tr>
<td>Playback Modes</td>
<td>Single Photo, Index (4/9/16 thumbnails), Slide Show, Movie (Slow-Motion possible), Zoom (Approx. 2X~8X), Audio , Histogram Display</td>
</tr>
<tr>
<td>Internal Flash (Shooting Range)</td>
<td>Gno. 5.9 (ISO 100)</td>
</tr>
<tr>
<td></td>
<td>(Shooting Range) Wide: Approx. 0.3m<del>3.3m / Tele: Approx. 0.3m</del>2.7m (ISO 400)</td>
</tr>
<tr>
<td>Recording Media</td>
<td>Internal Memory: 26MB</td>
</tr>
<tr>
<td>----------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td></td>
<td>SD Card/SDHC Card (Up to 4GB support)</td>
</tr>
<tr>
<td>Other Features</td>
<td>PictBridge, Exif Print Support, Multi-language Support (11 languages)</td>
</tr>
<tr>
<td>Jacks</td>
<td>USB2.0/AV-OUT (Integrated Proprietary Connector)</td>
</tr>
<tr>
<td>Power</td>
<td>Rechargeable Lithium-ion Battery GB-20, 3.7V 750mAh</td>
</tr>
<tr>
<td>Battery Charger</td>
<td>Input Voltage: AC 100 to 240V, 50/60Hz, 100mA</td>
</tr>
<tr>
<td></td>
<td>Output Voltage: DC 4.2V, 500mA</td>
</tr>
<tr>
<td>Shooting Capability</td>
<td>Approx. 200 shots (based on CIPA standards)</td>
</tr>
<tr>
<td>(Battery Performance)</td>
<td></td>
</tr>
<tr>
<td>Operation Environment</td>
<td>Temperature: 0<del>40°C, Humidity: 0</del>90%</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>91x 60x 20 mm</td>
</tr>
<tr>
<td>Mass</td>
<td>Approx. 120g (Body only)</td>
</tr>
<tr>
<td>Specifications</td>
<td>A735/A835</td>
</tr>
<tr>
<td>----------------</td>
<td>-----------</td>
</tr>
<tr>
<td>Effective Image Sensor Pixels</td>
<td>7.07 / 8.0 Megapixels</td>
</tr>
<tr>
<td>Image Sensor</td>
<td>7.40 / 8.5 Megapixels [1/2.5” (CCD)]</td>
</tr>
<tr>
<td><strong>Lens</strong> Focal Length F =</td>
<td>6.1mm (Wide) ~ 18.3mm (Tele)</td>
</tr>
<tr>
<td>[35mm film equivalent]</td>
<td>[36mm (Wide) ~ 108mm (Tele)]</td>
</tr>
<tr>
<td>F number</td>
<td>F2.8 (Wide) ~ F4.8 (Tele)</td>
</tr>
<tr>
<td>Lens Construction</td>
<td>7 elements in 6 groups</td>
</tr>
<tr>
<td>Optical Zoom</td>
<td>3X</td>
</tr>
<tr>
<td>Focusing Range</td>
<td>Normal: 60cm ~ ∞</td>
</tr>
<tr>
<td></td>
<td>Macro: (Wide) 5cm ~ ∞; (Tele) 40cm ~ ∞</td>
</tr>
<tr>
<td>Anti-Handshake</td>
<td>Electronic Image Stabilization</td>
</tr>
<tr>
<td>Digital Zoom</td>
<td>4.5X digital zoom (Combined Zoom: 13.5X)</td>
</tr>
<tr>
<td>Number of Recording Pixels</td>
<td>Still Image</td>
</tr>
<tr>
<td>----------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td><strong>A735</strong>: 7MP:(3072x2304), (3:2)6MP:(3072x2048), (16:9)5MP:(3072x1728), 3MP, 2MP, 1MP, 0.3MP</td>
<td>640x480pixels: 30fps/15fps, 320x240pixels: 30fps/15fps</td>
</tr>
<tr>
<td><strong>A835</strong>: 8MP:(3264x2448), (3:2)7MP:(3264x2176), (16:9)6MP:(3264x1836), 5MP: (2560x1920), 3MP, 2MP, 1MP, 0.3MP</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Image Compression</th>
<th>Best, Fine, Normal</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCF, DPOF (Ver1.1) Support</td>
<td>Yes</td>
</tr>
<tr>
<td>Still Image</td>
<td>Exif 2.21 (JPEG)</td>
</tr>
<tr>
<td>Movie</td>
<td>Quick Time Motion JPEG, Audio: G.711 [Monaural]</td>
</tr>
<tr>
<td>Audio</td>
<td>WAVE [Monaural] (Max 60 seconds)</td>
</tr>
<tr>
<td>Shooting Modes</td>
<td>Auto, Manual, Image Stabilization, Scene (Sport, Children, Indoor, Leaf, Snow, Sunset, Fireworks, Glass, Museum, Landscape, Night Landscape, Night Portrait), Panorama, Portrait</td>
</tr>
<tr>
<td>Face-Detection</td>
<td>Yes</td>
</tr>
<tr>
<td>Red-eye Removal</td>
<td>Yes</td>
</tr>
<tr>
<td>Feature</td>
<td>Details</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Panorama Stitching</td>
<td>Yes</td>
</tr>
<tr>
<td>LCD Display</td>
<td>2.5 inch LTPS (low-temperature polycrystalline silicon) TFT color LCD (153,600 pixels)</td>
</tr>
<tr>
<td>ISO Sensitivity</td>
<td>Auto, ISO 80/100/200/400/800/1600</td>
</tr>
<tr>
<td>AF Method</td>
<td>Single AF, Multi-AF (TTL 9-point), AF Assist Light (On/Off)</td>
</tr>
<tr>
<td>Light Metering Method</td>
<td>Artificial Intelligence AE (Ai AE), Center-weighted Average, Spot (Fixed to center of frame)</td>
</tr>
<tr>
<td>Exposure Control Method</td>
<td>ProgramAE (AE-lock available)</td>
</tr>
<tr>
<td>Exposure Compensation</td>
<td>±2 EV in 1/3 Step increments</td>
</tr>
<tr>
<td>Shutter Speed</td>
<td>4 ~ 1/2000 second (Manual 30s)</td>
</tr>
<tr>
<td>Continuous Shooting</td>
<td>Approx. 1.8 fps (Large/Fine mode)</td>
</tr>
<tr>
<td>Playback Modes</td>
<td>Single Photo, Index (4/9/16 thumbnails), Slide Show, Movie (Slow-Motion possible), Zoom (Approx. 2X~8X), Audio, Histogram Display</td>
</tr>
<tr>
<td>Feature</td>
<td>Details</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Internal Flash (Shooting Range)</td>
<td>Auto/Red-Eye Reduction/Forced Flash/No Flash/Slow Synchro/Red-Eye Reduction+Slow Synchro</td>
</tr>
<tr>
<td>Gno. 6.5 (ISO 100)</td>
<td></td>
</tr>
<tr>
<td>Shooting Range</td>
<td>Wide: Approx. 0.3m<del>4.6m / Tele: Approx. 0.3m</del>2.7m (ISO 400)</td>
</tr>
<tr>
<td>Recording Media</td>
<td>Internal Memory: 32MB</td>
</tr>
<tr>
<td></td>
<td>SD Card/SDHC Card (Up to 4GB support)</td>
</tr>
<tr>
<td>Other Features</td>
<td>PictBridge, ExifPrint Support, Multi-language Support (20 languages)</td>
</tr>
<tr>
<td>Jacks</td>
<td>USB2.0/AV-OUT (Integrated Proprietary Connector)</td>
</tr>
<tr>
<td>Power</td>
<td>2X AA Alkaline Battery, AA NiMH Battery [Sold Separately]</td>
</tr>
<tr>
<td>Shooting Capability (Battery Performance)</td>
<td>AA Alkaline Batteries: Approx. 130 shots (based on CIPA standards)</td>
</tr>
<tr>
<td></td>
<td>AA NiMH Battery: Approx. 400 shots (CIPA Standards)</td>
</tr>
<tr>
<td>Operation Environment</td>
<td>Temperature: 0<del>40°C, Humidity: 0</del>90%</td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>92 x 60 x 25 mm</td>
</tr>
<tr>
<td>Mass</td>
<td>Approx. 133g (Body only)</td>
</tr>
</tbody>
</table>
## Specifications: E840s/E1035/E1235

"Design and specifications are subject to change without notice."

<table>
<thead>
<tr>
<th>Model name</th>
<th>E840s</th>
<th>E1035</th>
<th>E1235</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Effective Image Sensor Pixels</strong></td>
<td>8.0 Megapixels</td>
<td>10.1 Megapixels</td>
<td>12.1 Megapixels</td>
</tr>
<tr>
<td><strong>Image Sensor</strong></td>
<td>8.53 Megapixels 1/2.5&quot; CCD</td>
<td>10.54 Megapixels 1/1.7&quot; CCD</td>
<td>12.40 Megapixels 1/1.72&quot; CCD</td>
</tr>
<tr>
<td><strong>Focal Length F =</strong></td>
<td>6.15mm(Wide) ~ 24.6mm(Tele)</td>
<td>7.5mm (Wide) ~ 22.5mm (Tele)</td>
<td>7.5mm (Wide) ~ 22.5mm (Tele)</td>
</tr>
<tr>
<td>[35mm film equivalent]</td>
<td>37mm (Wide) ~ 148mm (Tele)</td>
<td>35mm (Wide) ~ 105mm (Tele)</td>
<td>35mm (Wide) ~ 105mm (Tele)</td>
</tr>
<tr>
<td><strong>Lens F number</strong></td>
<td>F3.4 (Wide) ~ F5.8 (Tele)</td>
<td>F2.8(Wide) ~ F4.9 (Tele)</td>
<td>F2.8(Wide) ~ F4.9 (Tele)</td>
</tr>
<tr>
<td><strong>Construction</strong></td>
<td>7 elements in 6 groups</td>
<td>7 elements in 6 groups</td>
<td>7 elements in 7 groups</td>
</tr>
<tr>
<td><strong>Optical Zoom</strong></td>
<td>4X</td>
<td>3X</td>
<td>3X</td>
</tr>
<tr>
<td><strong>Focusing Range</strong></td>
<td>Normal: 60cm ~ ∞</td>
<td>Normal: 60cm ~ ∞</td>
<td>Normal: 60cm ~ ∞</td>
</tr>
<tr>
<td></td>
<td>(W) 6cm~∞ (T) 40cm ~ ∞</td>
<td>(W) 6cm ~ ∞ (T) 40cm ~ ∞</td>
<td>(W) 6cm ~ ∞ (T) 40cm ~ ∞</td>
</tr>
<tr>
<td>Feature</td>
<td>E840s</td>
<td>E1035</td>
<td>E1235</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>--------------------------------------------</td>
<td>--------------------------------------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>Anti-Handshake</td>
<td>Electronic Image Stabilization</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Digital Zoom</td>
<td>4.5X digital zoom (Combined Zoom: 22.5X)</td>
<td>4.5X digital zoom (Combined Zoom: 13.5X)</td>
<td>4.5X digital zoom (Combined Zoom: 13.5X)</td>
</tr>
<tr>
<td>Number of Recording Pixels:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Still Image (See page36)</td>
<td>8MP, 7MP(3:2), 6MP(16:9), 5MP, 3MP, 2MP, 1MP, 0.3MP</td>
<td>10MP, 9MP(3:2), 7MP(16:9), 5MP, 3MP, 2MP, 1MP, 0.3MP</td>
<td>12MP(4:3), 10MP(3:2), 9MP(16:9), 6MP, 3MP, 2MP, 1MP, 0.3MP</td>
</tr>
<tr>
<td>Number of Recording Pixels:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Movie</td>
<td>640x480pixels: 30fps/15fps, 320x240pixels: 30fps/15fps</td>
<td>640x480pixels: 25fps/15fps, 320x240pixels: 25fps/15fps</td>
<td>640x480pixels: 20fps/15fps, 320x240pixels: 20fps/15fps</td>
</tr>
<tr>
<td>Image Compression</td>
<td>Best, Fine, Normal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DCF, DPOF (Ver1.1) Support</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>File Format:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Still Image</td>
<td>Exif 2.2 (JPEG)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model name</td>
<td>E840s</td>
<td>E1035</td>
<td>E1235</td>
</tr>
<tr>
<td>---------------------</td>
<td>--------------------------------</td>
<td>--------------------------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>File Format : Audio</td>
<td>WAVE [Monaural] (Max 60 seconds)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shooting Modes</td>
<td>Auto, Manual, Image Stabilization, Movie, Scene (Sport, Children, Indoor, Leaf, Snow, Sunset, Fireworks, Glass, Museum, Landscape, Night Landscape, Night Portrait), Panorama, Portrait</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Face-Detection</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red-eye Removal</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Panorama Stitching</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LCD Display</td>
<td>2.7 inch LTPS TFT color LCD (230,400 pixels)</td>
<td>2.7 inch LTPS TFT color LCD (230,400 pixels)</td>
<td>2.7 inch LTPS TFT color LCD (230,400 pixels)</td>
</tr>
<tr>
<td></td>
<td>E840s</td>
<td>E1035</td>
<td>E1235</td>
</tr>
<tr>
<td>------------------------</td>
<td>-------------------------------------------</td>
<td>------------------------------------------</td>
<td>------------------------------------------</td>
</tr>
<tr>
<td><strong>ISO Sensitivity</strong></td>
<td>Auto, ISO 80/100/200/400/800/1600</td>
<td>Auto, ISO 64/100/200/400/800/1600/3200</td>
<td>Auto, ISO 64/100/200/400/800/1600/3200 (3M)</td>
</tr>
<tr>
<td><strong>AF Method</strong></td>
<td>Single AF, Multi-AF (TTL 9-point), Face-Detection, AF Assist Light (On/Off)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Light Metering Method</strong></td>
<td>Artificial Intelligence AE (Ai AE), Center-weighted Average, Spot (Fixed to center of frame)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Exposure Control Method</strong></td>
<td>ProgramAE (AE-lock available)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Exposure Compensation</strong></td>
<td>±2 EV in 1/3 steps</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Shutter Speed</strong></td>
<td>4 ~ 1/2000 second (Manual 30 seconds)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Continuous Shooting</strong></td>
<td>Approx. 1.8 fps (Large/Fine mode)</td>
<td>Approx. 1.39 fps (Large/Fine mode)</td>
<td>Approx. 1.25 fps (Large/Fine mode)</td>
</tr>
<tr>
<td><strong>Playback Modes</strong></td>
<td>Single Photo, Index (4/9/16 thumbnails), Slide Show, Movie (Slow-Motion possible), Zoom (E840s Approx. 2X<del>8X, E1035/E1235 Approx. 1X</del>8X), Audio, Histogram Display</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>White Balance Control</strong></td>
<td>Auto (AWB), Daylight, Cloudy, Fluorescent, Fluorescent CWF, Incandescent, Manual</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model name</td>
<td>E840s</td>
<td>E1035</td>
<td>E1235</td>
</tr>
<tr>
<td>----------------------</td>
<td>--------------------------------------------</td>
<td>------------------------------------------</td>
<td>------------------------------------------</td>
</tr>
<tr>
<td>Internal Flash</td>
<td>Auto/Red-Eye Reduction/Forced Flash/No Flash/Slow Synchro/Red-Eye Reduction+Slow Synchro</td>
<td>Gno. 5.7±0.5EV (ISO 100)</td>
<td>Gno. 5.7±0.5EV (ISO 100)</td>
</tr>
<tr>
<td>(Shooting Range)</td>
<td>(Shooting Range)</td>
<td>(Shooting Range)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Wide): Approx. 0.3m<del>3.3m (Tele) : Approx. 0.3m</del>2.7m (ISO 400)</td>
<td>(Wide): Approx. 0.3m<del>4.1m (Tele) : Approx. 0.3m</del>2.3m (ISO 400)</td>
<td></td>
</tr>
<tr>
<td>Recording Media</td>
<td>Internal Memory: 26MB</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SD Card/SDHC Card (Up to 4GB support)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Features</td>
<td>PictBridge, Exif Print Support, Multi-language Support (11 languages)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jacks</td>
<td>USB2.0/AV-OUT (Integrated Proprietary Connector)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power</td>
<td>Rechargeable Lithium-ion Battery GB-20, 3.7V 750mAh</td>
<td>Rechargeable Lithium-ion Battery GB-40, 3.7V 1050mAh</td>
<td>Rechargeable Lithium-ion Battery GB-40, 3.7V 1050mAh</td>
</tr>
<tr>
<td>Battery Charger</td>
<td>Input Voltage : AC 100 to 240V, 50/60Hz, 100mA</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Output Voltage : DC 4.2V, 500mA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model name</td>
<td>E840s</td>
<td>E1035</td>
<td>E1235</td>
</tr>
<tr>
<td>---------------------</td>
<td>-------------------------------------------</td>
<td>-------------------------------------------</td>
<td>-------------------------------------------</td>
</tr>
<tr>
<td>Shooting Capability (Battery Performance)</td>
<td>Approx. 200 shots (based on CIPA standards)</td>
<td>Approx. 210 shots (based on CIPA standards)</td>
<td>Approx. 210 shots (based on CIPA standards)</td>
</tr>
<tr>
<td>Operation Environment</td>
<td>Temperature: 0<del>40°C, Humidity: 0</del>90%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimensions (W x H x D)</td>
<td>95.7 x 56 x 19.5 mm</td>
<td>103 x 56 x 24 mm</td>
<td>103 x 56 x 24 mm</td>
</tr>
<tr>
<td>Mass</td>
<td>Approx. 95g (without the battery)</td>
<td>Approx. 145g (without the battery)</td>
<td>Approx. 145g (without the battery)</td>
</tr>
</tbody>
</table>
## Error messages

<table>
<thead>
<tr>
<th>Messages</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>No card</td>
<td>• The memory card is not inserted.</td>
</tr>
<tr>
<td>Card error</td>
<td>• The memory card is not formatted. (See P.68)</td>
</tr>
<tr>
<td>Card full</td>
<td>• The memory card is full and cannot store any new images.</td>
</tr>
<tr>
<td>Write protect</td>
<td>• The memory card is write-protected.</td>
</tr>
<tr>
<td>Picture error</td>
<td>• The picture is not captured correctly.</td>
</tr>
<tr>
<td></td>
<td>• The picture is damaged.</td>
</tr>
<tr>
<td>No picture</td>
<td>• There are no images in the memory card or in the internal memory.</td>
</tr>
<tr>
<td>Lens error</td>
<td>• The lens is probably stuck and the camera will power off automatically.</td>
</tr>
<tr>
<td>System error</td>
<td>• Unexpected error encountered.</td>
</tr>
<tr>
<td>No sound file</td>
<td>• There are no audio files in the memory card or in the internal memory.</td>
</tr>
<tr>
<td>Image cannot be saved</td>
<td>• The write protection switch in the memory card is set to the “LOCK” position.</td>
</tr>
<tr>
<td>Messages</td>
<td>Explanation</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Card is not formatted, format?</td>
<td>• Confirm whether the memory card should be formatted.</td>
</tr>
<tr>
<td>This image cannot be deleted</td>
<td>• The picture or video you are trying to delete is protected.</td>
</tr>
<tr>
<td>Cannot record movie</td>
<td>• The write protection switch in the memory card is set to the “LOCK” position.</td>
</tr>
<tr>
<td>Sound file cannot be saved</td>
<td>• The write protection switch in the memory card is set to the “LOCK” position.</td>
</tr>
<tr>
<td>Warning!! Camera recording, please wait.</td>
<td>• No other actions allowed to perform during video/audio recording.</td>
</tr>
<tr>
<td>Warning!! Battery exhausted.</td>
<td>• The battery is out of charge.</td>
</tr>
<tr>
<td>This file cannot be played back</td>
<td>• The picture format cannot be recognized by the camera.</td>
</tr>
<tr>
<td>No connection</td>
<td>• The camera is not connected to the printer correctly.</td>
</tr>
<tr>
<td>Print error</td>
<td>• There is a problem with camera or printer.</td>
</tr>
<tr>
<td>Cannot print</td>
<td>• Check that the printer is out of paper or out of ink.</td>
</tr>
<tr>
<td></td>
<td>• Check if the printer has a paper jam.</td>
</tr>
<tr>
<td>Problem</td>
<td>Possible causes</td>
</tr>
<tr>
<td>---------------------------------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>Camera does not turn on.</td>
<td>• The battery has run out.</td>
</tr>
<tr>
<td></td>
<td>• The battery is not inserted correctly.</td>
</tr>
<tr>
<td>Camera turns off suddenly during operation.</td>
<td>• The battery has run out.</td>
</tr>
<tr>
<td>The picture is blurred.</td>
<td>• The lens is dirty.</td>
</tr>
<tr>
<td></td>
<td>• [!] appears when taking pictures.</td>
</tr>
<tr>
<td>Images, video clips, and audio files cannot be saved.</td>
<td>• The memory card is full.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Problem</td>
<td>Possible causes</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>-----------------------------------------------------</td>
</tr>
</tbody>
</table>
| No picture is taken when pressing the shutter button. | • The memory card is full.  
• No available space to store the files.  
• The mode dial is in **Playback** mode. | • Replace the memory card with a new one or clean off current memory card.  
• Delete unwanted images.  
• The memory card is locked.  
• Turn the mode dial to any still shooting mode. |
| Images cannot print from the connected printer. | • The camera is not connected to the printer correctly.  
• The printer is not PictBridge compatible.  
• The printer is out of paper or out of ink.  
• The paper is jammed. | • Check the connection between the camera and printer.  
• Use a PictBridge compatible printer.  
• Load some paper in the printer.  
• Replace the ink cartridge in the printer.  
• Remove the jammed paper. |