Nikon 4200 CoolPix Camera

Staff Digital Photo Camera Parts:

- Shutter-release button (页 7)
- Power-on lamp (页 12)
- Power switch (页 12)
- Eyelet for camera strap
- Memory card slot cover (页 10)
- Power connector cover for AC adapter kit (页 124)
- Mode dial (页 6)
- Viewfinder
- Lens (页 19)
- Built-in Speedlight (页 42)
- Microphone (页 57)
- Self-timer lamp (页 44)/AF-Assist illuminator (LED; 页 22, 127, 136)

Lens not extended

Page 1
**Battery:**
Nikon 4200 Coolpix camera contains one rechargeable battery. To charge the battery, remove from battery chamber and insert into the charger. When charging and/or inserting the battery into the camera, be sure the positive (+) and negative (-) ends are aligned correctly.

![Battery Insertion Diagram]

**Battery Level**

<table>
<thead>
<tr>
<th>Display</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>NO ICON</td>
<td>Battery fully charged.</td>
</tr>
<tr>
<td>![Battery Icon] (lights)</td>
<td>Low battery. If flash fires, monitor turns off while Speed-light recharges.</td>
</tr>
<tr>
<td>WARNING!! BATTERY EXHAUSTED</td>
<td>Battery exhausted. Charge or replace with a fully charged battery.</td>
</tr>
</tbody>
</table>

The red (noinspection) and green (AF) lamps will blink when the "WARNING!! BATTERY EXHAUSTED" warning is displayed.

**Memory Cards:**
The camera comes with a 12MB internal memory card. You may use an optional Secured Digital (SD) memory card to store your pictures.

**Approved memory cards:**
The following cards have been tested and approved for use:

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>SanDisk</td>
<td>16MB, 32MB, 64MB, 128MB, 256MB</td>
</tr>
<tr>
<td>Toshiba</td>
<td>16MB, 32MB, 64MB, 128MB, 256MB</td>
</tr>
<tr>
<td>Panasonic</td>
<td>16MB, 32MB, 64MB, 128MB, 256MB*, 512MB*</td>
</tr>
</tbody>
</table>

* Use cards rated for 10MB/s or more.
To store pictures on a memory card,

1. Confirm the power is off.

   a. 

2. Open the memory card slot.
   a. Slide the cover in the direction shown in (①) until it stops, and the cover will open automatically (②).

3. Insert the memory card.
   a. Insert the memory card in the direction of the arrow shown on the label at the entrance of the memory card slot until it stops.
   b. Be sure to insert the memory card terminals first. Inserting the card backwards or upside down could damage the camera.
4. Close the memory slot cover.
   a. Close the cover (1) and slide it until it latches (2).

   b. Ensure the cover is firmly closed.

**Formatting the memory card:**

Memory cards must be formatted in the camera before first use. To format the card:
1. Rotate dial to setup

2. Select “Format Memory” or “Format Memory Card”.

3. Insert the memory card.
4. Highlight “Format”
5. Formatting begins.
   a. While formatting is in progress, “formatting” message will be displayed on the LCD screen.

6. When formatting stops, the card is ready to store pictures.
**Flash Mode Settings:**

The following five modes are available for flash:

1. **Auto:** Camera measures available light and determines if flash is needed.

2. **Auto with red-eye reduction:** Pre-flash is used before the main flash fires to reduce “red-eye”.

3. **Flash Cancel:** Flash will not fire.

4. **Any time flash (Fill flash):** Flash fires whenever picture is taken.

5. **Slow Sync:** Auto Flash combined with slow shutter speeds.
   - Used to capture both subject and background at night or under dim light.

**Changing image quality:**

There are three image quality settings.

1. **Fine:** Suitable for enlargements or high quality prints.
2. **Normal:** Normal quality. Suitable for most applications.
3. **Basic:** Suitable for images that will be distributed by email or on the web.
**Image size:**

Image size can be selected from five options:

1. 4 MB
2. 3 MB
3. 2 MB

![Image size selection](image)

4. 4 MB is the default setting.
5. Print Sizes:

<table>
<thead>
<tr>
<th>Image size (pixels)</th>
<th>Print size (cm)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>4M 2272 x 1704</td>
<td>About 19 x 14 (7.5” x 5.3“)</td>
</tr>
<tr>
<td>3M 2048 x 1536</td>
<td>About 17 x 13 (6.7” x 5.1“)</td>
</tr>
<tr>
<td>2M 1600 x 1200</td>
<td>About 14 x 10 (5.3” x 4“)</td>
</tr>
<tr>
<td>PC 1024 x 768</td>
<td>About 9 x 7 (3.4” x 2.6“)</td>
</tr>
<tr>
<td>TV 640 x 480</td>
<td>About 5 x 4 (2.1” x 1.6“)</td>
</tr>
</tbody>
</table>

**Basic Picture Capture:**

1. Rotate the mode dial to **auto**.

![Mode dial](image)

2. Turn on the camera.

![Power on](image)

3. The power-on lamp will light and the LCD screen will display a “Welcome” screen.

4. The camera is ready to capture the picture when you see the scene thru the camera lens.
Capture the Scene:

1. Frame your subject.
2. Hold the camera steady.
   - Be sure not to block the lens with your fingers.
3. Use the zoom buttons to frame your subject.
4. Capture the scene by pressing down on the shutter button.
5. Recording Image
   a. While the picture is being recorded to memory, the green (AF) lamp will blink.
   b. At the same time the wait icon  will be displayed, in the LCD screen or the memory icon or will blink.
      - Do not turn off the camera or eject a memory card while the picture is being recorded.

Viewing your pictures:

1. Press the button to the left of “Menu”.
2. Your most recent pictures will be displayed in the LCD Screen.

3. To view additional pictures, press the ▼ or ► to view pictures in the order they were recorded, ▲ or ◄ to view pictures in reverse order.

4. To cancel the full-screen playback and return to the shooting mode press the ◄ button again.

Deleting Pictures:

1. To delete the picture currently in the display:

   Press the “delete” button.

2. A confirmation dialog is displayed:

3. Highlight “yes”

4. Delete picture and return to playback.

5. To delete your last picture taken,
   a. At any time during the shooting of the picture, you can press the delete icon.
b. The confirmation will be displayed.

Selecting Scene modes:
1. Rotate the dial to “Scene:

![Scene mode]

2. And press the “menu” button.

3. Use the “Multi-Selector” button to select the scene you want.
   a. Current scene will show as large icon and caption.

Scene Modes:
1. **Party/Indoor**: Used for shots that includes details of the background, effects of candlelight, and indoor background lighting.
2. **Beach/Snow**: Captures the brightness of subjects such as snow, beaches, sunlight water.
3. **Sunset**: Captures the deep hues seen in sunsets and sunrises.
4. **Dusk/Dawn**: Captures colors seen in weak natural light before sunrise or after sunset.
5. **Night landscape**: A slow shutter speed is used to produce stunning night landscapes.
6. **Close up**: Used to capture colors in close-up shots of flowers, insets, and other small objects, with the background artistically blurred.

7. **Museum**: Use indoors where flash photography is prohibited (such as museums), or other indoor settings where you do not want to use the flash.

8. **Fireworks show**: Slow shutter speeds used to capture the expanding burst of light from fireworks.

9. **Copy**: Provides clear pictures of text or drawings on white boards, or in printed matter such as business cards.

10. **Back light**: Use when light is coming from behind your subject, throwing their features into shadow, or when your subject is in the shade but the background is brightly light.

11. **Panorama assist**: Use when taking a series of pictures that will be later joined to form a single scene, such as a panorama or 360° virtual-reality images.

**Viewing Pictures on the Camera:**

1. Pressing the ![button](image) button in the shooting mode will display recorded pictures in the full-screen LCD display monitor.
   a. Press the ![button](image) button again to return the scene view.

2. Pressing the ![button](image) button allows you to view the pictures as thumbnails.
   a. Use the ![arrow buttons](image) to navigate to the picture you want to view.
   b. Press the ![button](image) at the center to view the picture in full-screen mode.
Transferring Pictures to Your Computer:

1. With the camera turned off, connect the USB cable small end to the camera and the large end to your computer.

   - Do not connect USB cable to a USB HUB. Connect directly to your computer.

2. Turn on the camera and transfer the pictures to your computer.

3. After the pictures have been transferred, turn off the camera and disconnect the USB cable from the camera and computer.

Image Mode:

1. Press menu button in (auto shooting) mode to select the to select the image mode and then press the.

2. Before shooting, choose an image quality and size according to how you plan to use the picture.

Image Quality:

1. Select from the following menu and then press

   a. Fine: Images suitable for enlargements or high quality prints.
   - File size reduced by ¼ of original size
b. Normal: Images suitable for most applications. (JPEG format).
   - File size reduced by \(\frac{3}{8}\) of original size.

c. Basic: Images suitable for distributing by email or used in web pages.
   - File size reduced by \(\frac{1}{16}\) of original size.

**Image Size:**

1. Select from the following five options:

   ![Image Size Options]

<table>
<thead>
<tr>
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</tr>
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<td>2M 1600 x 1200</td>
<td>About 14 x 10 (5.3&quot; x 4&quot;)</td>
</tr>
<tr>
<td>PC 1024 x 768</td>
<td>About 9 x 7 (3.4&quot; x 2.6&quot;)</td>
</tr>
<tr>
<td>TV 640 x 480</td>
<td>About 5 x 4 (2.1&quot; x 1.6&quot;)</td>
</tr>
</tbody>
</table>

2. The following table shows how many pictures can be stored on 256 or 512 megabytes memory cards:

   ![Memory Card Table]

<table>
<thead>
<tr>
<th>Image mode</th>
<th>Image size</th>
<th>Image quality</th>
<th>Approx. 12MB</th>
<th>256MB</th>
<th>512MB</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4M 2272 x 1704</td>
<td>FINE</td>
<td>5</td>
<td>116</td>
<td>234</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NORMAL</td>
<td>11</td>
<td>225</td>
<td>455</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BASIC</td>
<td>21</td>
<td>427</td>
<td>850</td>
</tr>
<tr>
<td></td>
<td>3M 2048 x 1536</td>
<td>FINE</td>
<td>7</td>
<td>142</td>
<td>286</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NORMAL</td>
<td>13</td>
<td>274</td>
<td>553</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BASIC</td>
<td>25</td>
<td>512</td>
<td>1033</td>
</tr>
<tr>
<td></td>
<td>2M 1600 x 1200</td>
<td>FINE</td>
<td>11</td>
<td>227</td>
<td>458</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NORMAL</td>
<td>21</td>
<td>429</td>
<td>857</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BASIC</td>
<td>38</td>
<td>774</td>
<td>1561</td>
</tr>
<tr>
<td></td>
<td>PC 1024 x 768</td>
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<td>25</td>
<td>512</td>
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<tr>
<td></td>
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<td>NORMAL</td>
<td>45</td>
<td>905</td>
<td>1826</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BASIC</td>
<td>73</td>
<td>1469</td>
<td>2963</td>
</tr>
<tr>
<td></td>
<td>TV 640 x 480</td>
<td>FINE</td>
<td>54</td>
<td>1086</td>
<td>2194</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NORMAL</td>
<td>85</td>
<td>1701</td>
<td>3431</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BASIC</td>
<td>118</td>
<td>2368</td>
<td>4775</td>
</tr>
</tbody>
</table>