

# Kodak

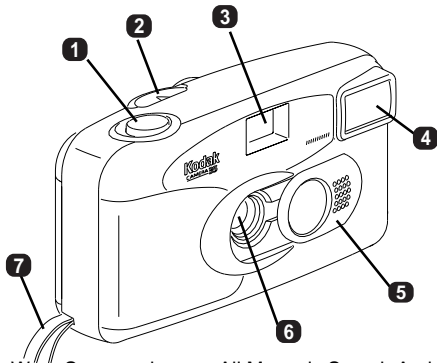
## KB20

## Camera

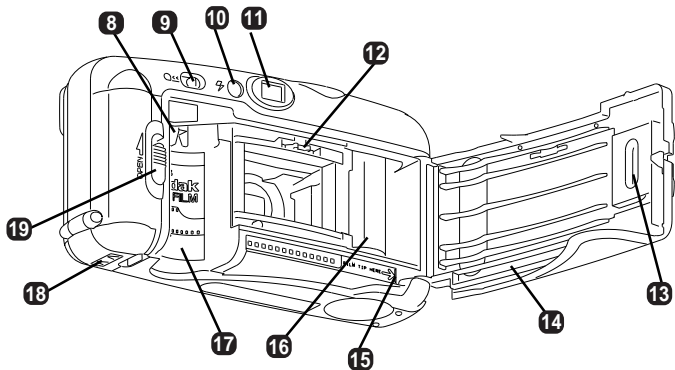


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# Getting to Know Your Camera



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# Need Help with Your Camera?

## ***Call:***

Kodak (USA only) toll free from 9:00 a.m. to 7:00 p.m. (Eastern time)  
Monday through Friday at 1 (800) 242-2424.

Kodak (Canada only) from 8:30 a.m. to 5:00 p.m. (Eastern time)  
Monday through Friday at 1 (800) 465-6325, ext. 36100; for the Toronto  
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Visit our web site at [www.kodak.com](http://www.kodak.com).

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***For warranty purposes, please keep your sales receipt as proof  
of the date of purchase.***

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## Camera Identification (see inside front cover for diagrams)

- |                             |                               |
|-----------------------------|-------------------------------|
| <b>1</b> Shutter Button     | <b>11</b> Viewfinder Eyepiece |
| <b>2</b> Picture Counter    | <b>12</b> Film-Sprocket Teeth |
| <b>3</b> Viewfinder         | <b>13</b> Film Window         |
| <b>4</b> Flash              | <b>14</b> Film Door           |
| <b>5</b> Lens Cover         | <b>15</b> Film-Load Mark      |
| <b>6</b> Lens               | <b>16</b> Film Take-Up Spool  |
| <b>7</b> Camera Strap       | <b>17</b> Film Chamber        |
| <b>8</b> Film Spindle       | <b>18</b> Battery-Door Latch  |
| <b>9</b> Film-Rewind Button | <b>19</b> Film-Door Latch     |
| <b>10</b> Flash-Ready Light |                               |

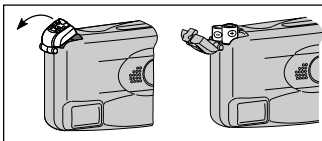
## Specifications

<b>Lens:</b>	30 mm, 2-element aspheric lens
<b>Shutter Speed:</b>	Fixed of 1/100 second
<b>Aperture:</b>	<i>f</i> /8.0 for flash/daylight
<b>Film Speed:</b>	DX (ISO) 100, 200, or 400 print film
<b>Focus Range:</b>	Daylight: 4 ft (1.2 m) to infinity
<b>Power Source:</b>	2 AA-size alkaline batteries
<b>Dimensions:</b>	5.3 x 1.7 x 2.8 in (134 x 44 x 72 mm)
<b>Weight:</b>	6 oz (179 g) without film and batteries

## Loading the Batteries

This camera uses 2 AA-size alkaline batteries.

1. Load the batteries as shown.
2. Replace both batteries with fresh **alkaline** batteries when the FLASH-READY LIGHT **10** takes more than 30 seconds to come on.



### *Battery Tips*

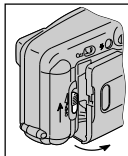
- Remember to keep spare batteries with you at all times.
- Read and follow all warnings and instructions supplied by the battery manufacturer.
- Keep batteries away from children.
- Do not try to take apart, recharge or short circuit the batteries, or subject them to high temperature or fire.
- Store batteries in their original packaging prior to use.
- Close the lens cover to conserve battery power.



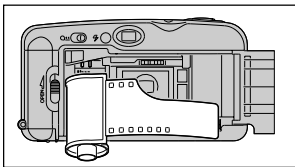
## Loading the Film

For excellent all-around results for indoor and outdoor picture-taking, use ISO 400-speed film. For use in bright daylight, you can use ISO 100- or ISO 200-speed film. If in sunlight, turn your back to the sun and load the film in the shade of your body.

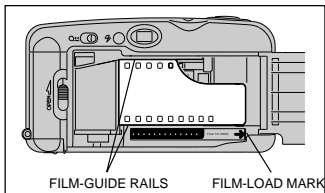
1. Push up on the FILM-DOOR LATCH **19** to open the FILM DOOR **14**.



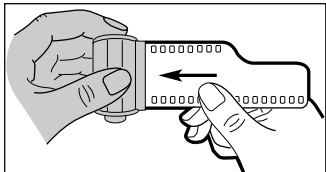
2. Insert the flat end of the film cartridge over the FILM SPINDLE **8**. Push the other end of the film cartridge down into the FILM CHAMBER **17** until it fits securely into place. **Do not force it into the film chamber.**



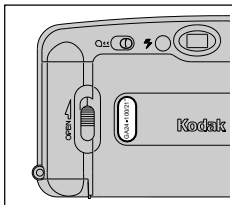
3. Pull out the film leader until the tip reaches the **FILM-LOAD MARK 15**. Lay the film flat between the film-guide rails.



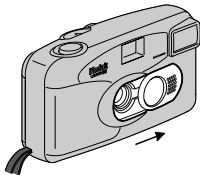
**If the end of the film extends past the film-load mark, gently push the excess back into the cartridge.**



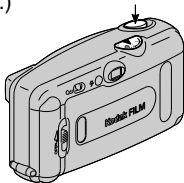
4. Close the film door and check the FILM WINDOW **13** (you should see the film information through the window). **Do not open the film door after you start taking pictures or you will ruin the film.**



5. Slide the LENS COVER **5** completely open to uncover the LENS **6** and to turn the FLASH **4** on.



6. Press the SHUTTER BUTTON **1** three times or until the PICTURE COUNTER **2** shows "1." (If the picture counter does not move, reload the film into the camera and repeat the film loading instructions.)

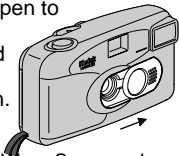


**NOTE:** The picture counter starts at "S," and each dot within the increments of 5 represents one picture.

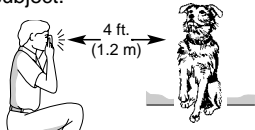
# Taking Pictures

This camera features a flash that, when the flash-ready light glows, will fire *every time* you take a picture. The all-the-time flash feature acts as a fill flash in hazy outdoor pictures or in bright-light conditions where shadows may exist.

1. Slide the LENS COVER **5** completely open to uncover the LENS **6** and to turn the FLASH **4** on.



2. For a sharp picture stand at least 4 ft (1.2 m) from your subject.



3. Look through the VIEWFINDER EYEPIECE **11** to see your subject.

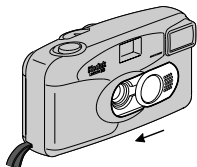


VIEWFINDER

4. Hold the camera steady and gently press the SHUTTER BUTTON **1** to take the picture. After you take the picture, the film automatically advances to the next picture frame. **Be careful not to cover the flash and picture-taking lens with your fingers.**



5. Close the lens cover when you finish taking pictures.



### ***Tips for Better Pictures***

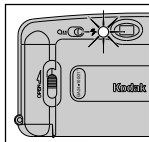
- Keep your pictures simple. Move close enough to your subject so it fills the viewfinder **but not closer than 4 ft (1.2 m)**.
  - Take pictures at the subject's level. Kneel down to take pictures of children and pets.
  - Hold your camera vertically to capture tall, narrow subjects, such as waterfall, skyscraper, or a single person.
- Add interest to your picture by framing it with a tree branch, a window, or even the rails of a fence.
  - Keep the sun behind you. This provides the best subject illumination.

## Taking Flash Pictures

In dim light, such as indoors or outdoors in heavy shade, or on dark overcast days, you need flash. Your camera features an automatic flash that fires when you need it.

1. Slide the LENS-COVER **5** completely open to uncover the LENS **6** and to turn the FLASH **4** on.

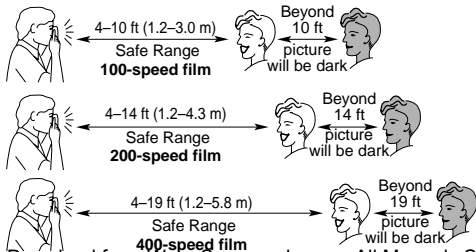
2. Take the picture when the FLASH-READY LIGHT **10** glows.





3. Keep the subject within the distance range for the speed of film in your camera. Don't take pictures beyond the maximum distance or your pictures will be dark.

4. Hold the camera steady and gently press the SHUTTER BUTTON **1** to take the picture. **Be careful not to cover the flash and picture-taking lens with your fingers.**



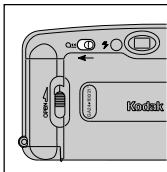
**IMPORTANT:**  
To prevent battery drain, turn off the flash by closing the lens cover when you are not using it.

## Unloading the Film

The film will not advance when you reach the end of the roll.

**You must rewind the film before you open the film door or you will ruin the film.**

1. Slide the FILM-REWIND BUTTON **9** in until it latches and remains in the locked position to start the motorized film rewind.



**Wait until the motor stops before you open the film door.**

2. Open the FILM DOOR **14** and remove the film.

### *Using Mid-Roll Rewind*

If you don't want to take pictures on the entire roll of film, you can rewind the film manually by following steps 1 and 2 (see **Unloading the Film**).

**NOTE:** You cannot reload partially exposed film into this camera for continuous picture-taking.

# Troubleshooting

What happened	Probable cause	Solution
Camera will not operate	Lens cover closed	Open the lens cover completely
	Batteries improperly loaded in camera	Insert batteries as shown on battery door
	Flash not ready	Wait for the flash-ready light to glow
	Film not properly loaded	Reload the film. See <b>Loading the Film</b>
	Film needs to be rewound/removed	See <b>Unloading the Film</b>

What happened	Probable cause	Solution
Flash-ready light fails to glow within 30 seconds	Flash not turned on	Open the lens cover completely
	Batteries weak or dead	Replace with 2 fresh AA-size alkaline batteries
	Batteries improperly loaded in camera	Insert batteries as shown on battery door
Shutter button cannot be released	No film in camera	Load film into the camera



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**Rochester, NY 14650**

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