MINOLTA

VECTIS 25

E INSTRUCTION MANUAL

ADVANCED PHOTO SYSTEM

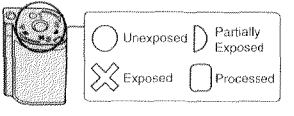
Thank you for purchasing the Minolta Vectis 25. The Vectis 25 is an easy to operate lens shutter camera from Minolta's new line of Advanced Photo System™ cameras. Your camera features drop-in loading, a 30-75mm zoom lens, and splashproof construction. In addition to providing built-in protection for the camera's optics, the Vectis 25's front cover provides a sophisticated appearance suitable for any occasion.
Please familiarize yourself with the names of the controls and their locations on the camera, then read this manual thoroughly

- Advanced Photo System™ is a trademark of the five system developing companies, including Minolta.

Advantages of the Advanced Photo System

Easier to load...

Advanced Photo System cameras use the new IX240 type film. This new film features drop-in-loading to make loading your camera simple, the first time, every time. Indicators on the cassette tell you and your camera if the film is unexposed, partially exposed, exposed, or processed.

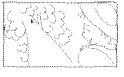


New features...

Date and Title Imprinting - Set date, time, and title information for your photolab to imprint on your photographs. pp 56 – 69

Print Quality Improvement - Your camera records lighting and exposure information on the film's magnetic strip to help the lab give you the best quality prints.

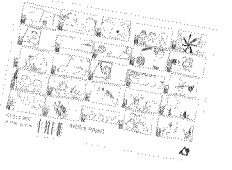
New print formats...

C H  P

Classic C, wider H, and panorama P print formats are available with Advanced Photo System cameras.

New processing...

In addition to returning your prints in the format you selected, certified photofinishers will return your Advanced Photo System film in its original cassette with an index print. To order reprints, simply choose the images you want from the index print. No more searching through negatives to find the right frame.



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STANDARD SYMBOLS

Various symbols are used throughout this instruction manual, and the product itself, for the proper and safe use of this product and to prevent personal injury, injury to others, and property damage. An explanation of the symbols follows. Read and understand each caution thoroughly before reading the main text of this instruction manual.

EXAMPLES

The outer triangle is for warning. The symbol inside illustrates what is being warned against. The example at left means beware of electric shock.

The circle with a diagonal slash is for prohibition ("don't do"). The symbol inside illustrates what act is prohibited. The example at left means do not disassemble.

SAFETY CAUTIONS

Read and understand all cautions and warnings thoroughly before using this product.

⚠ WARNING

Do not touch the flashtube during operation - it may become hot when the flash fires.

Do not look directly at the sun through the viewfinder.

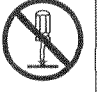
Do not subject the camera to direct sunlight. Fire may occur if the sunlight focuses at one point.

CAUTION

Do not walk while looking through the viewfinder. You may trip and fall causing injury.

Do not fire the flash near the eyes of people or animals, especially infants and young children. Do not fire the flash if your subject is closer than the minimum flash distance stated in the manual.

If the camera is dropped or subjected to an impact in which the interior is exposed, immediately remove the batteries and discontinue use.
Do not disassemble. Take your camera to a Minolta Service Facility when repairs are required.
Electric shock may occur if a high voltage circuit inside the camera is touched.



BATTERY CAUTIONS

BATTERY MAY EXPLODE DUE TO IMPROPER USE.
Read and follow all warnings supplied with the battery.

- Do not install battery upside down (± reversed).
- Do not use a battery with visible damage.
- Do not subject battery to fire or high temperatures.
- Do not attempt to recharge, short, or disassemble.

Carefully observe the following warnings when using this product near young children or persons who may have difficulty perceiving the potential danger associated with these products.

⚠ WARNING

USE CAUTION

If caution is not used, the following accidents or others may occur:

- Flash fired near the eye.
- Strap wound around the neck.

⚠ CAUTION

YOUNG CHILDREN MAY SWALLOW SMALL OBJECTS
Keep small accessories, or things that could be swallowed, away from young children. Contact a doctor immediately if an object is swallowed.

⚠ BATTERY CAUTION

YOUNG CHILDREN MAY SWALLOW BATTERIES
Keep batteries away from young children.

SPLASHPROOF

THIS CAMERA IS SPLASHPROOF AND CAN BE USED IN LIGHT RAIN OR SNOW.

• Do not place the camera under running water or immerse.

Please Note:

1. When using the camera outdoors in heavy rain, keep the camera protected from the rain.
2. The interior of the camera is not moisture resistant.
   -Dry the camera before opening the film or battery chambers.
   -When inserting or removing film or batteries, keep your hands dry.
3. Do not load film or replace batteries in places where water, blowing sand, or dust can enter the camera.
4. This camera is not sandproof. Do not place the camera directly on the ground.
5. Remove moisture from the camera, especially salt water and spilled liquids containing sugar.
6. If the rubber seals appear cracked or damaged, contact the nearest Minolta Service Facility to have them replaced.
7. Close the film and battery chamber covers tightly. Clean the rubber seals before closing covers.
8. The IR Remote Control RC-3 is not splashproof.

OPERATING TEMPERATURE AND CONDITIONS

- This camera is designed for use from -10° to 40° C (14° to 104° F).
- Never leave your camera where it may be subjected to extreme temperatures, such as the glove compartment of a car.
- At colder temperatures, the data panel response time will be slow; at higher temperatures, the display will temporarily darken, but will restore when the temperature normalizes.
- Never subject the camera to extreme humidity.
- To prevent condensation from forming, place the camera in a sealed plastic bag when bringing it from the cold exterior into a warm building. Allow it to come to room temperature before removing it from the bag.
- When photographing in cold weather, we recommend that you keep the camera and spare batteries inside your coat to keep them warm when you are not shooting. Cold batteries will regain some of their charge when they warm up.

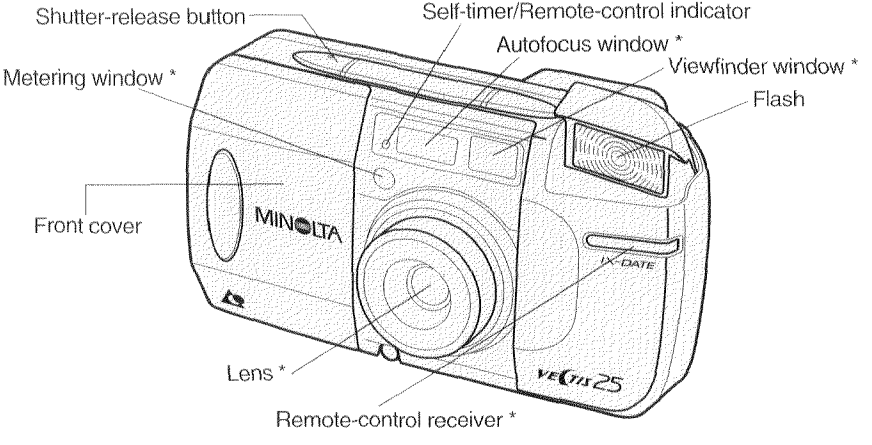
FILM CARTRIDGE WARNING

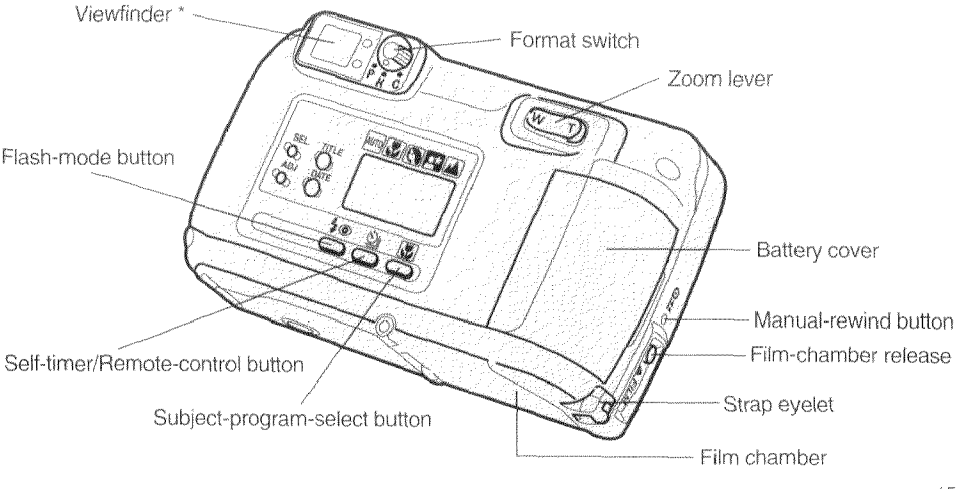
The film used in Advanced Photo System cameras stores some data magnetically. Do not place the cartridge,or a loaded camera on or near anything that creates a magnetic field, such as a television or stereo speakers.

CAMERA ERROR

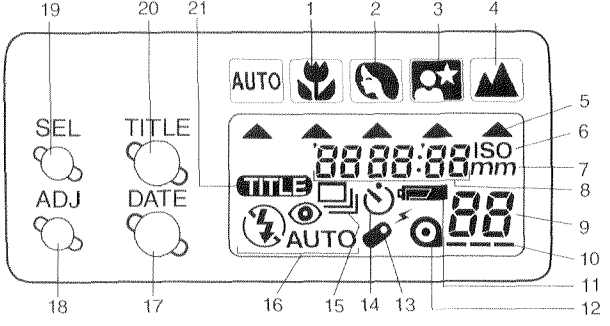
If all the indicators in the data panel blink, or the data panel is blank and the camera will not function with fresh batteries, remove and reinsert the batteries. If normal operation does not resume, or the camera malfunctions repeatedly, contact an authorized Minolta Service Facility.

NAMES OF PARTS - Camera Body (* Do not touch)




Viewfinder *
Format switch
Zoom lever
Flash-mode button
Battery cover
Manual-rewind button
Film-chamber release
Self-timer/Remote-control button
Strap eyelet
Subject-program-select button
Film chamber

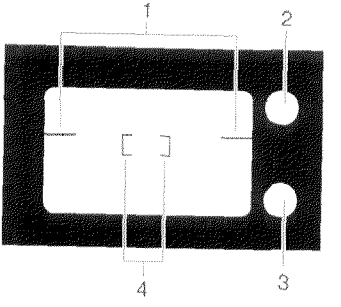
NAMES OF PARTS - Data Panel



1. Close-up mode indicator
2. Portrait mode indicator
3. Night Portrait mode indicator
4. Landscape/Night View mode indicator
5. Subject Program pointer
6. Film-speed mark
7. Focal-length mark
8. Title/Date/Time/Focal-length/Film-speed indicator
9. Frame counter

Viewfinder

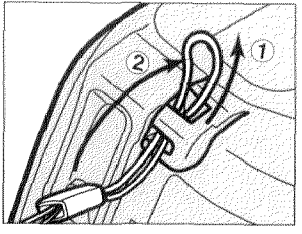
10. Film-transport signals
11. Battery-condition indicator
12. Film-cartridge mark
13. Remote-control indicator
14. Self-timer indicator
15. Continuous-drive indicator
16. Flash-mode indicators
17. Date button
18. Adjust button
19. Select button
20. Title button
21. Title mark



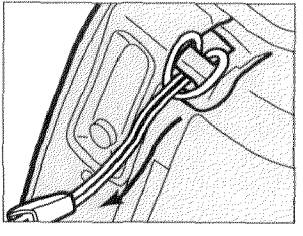
1. Close-framing guides
2. Focus lamp (green)
3. Flash lamp (orange)
4. Focus frame

GETTING STARTED

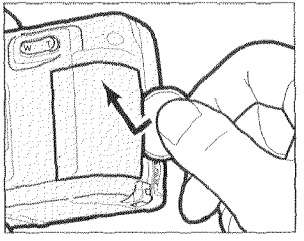
ATTACHING THE STRAP

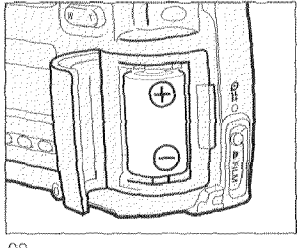


Attach the strap as shown.



INSTALLING THE BATTERY





Your camera uses one 3-volt CR-2 battery to supply power for all camera operations. Please read all warnings in the Safety Cautions section of this manual as well as those supplied by the battery manufacturer.

1. Using a coin, open the battery-chamber door as shown.

- *Before removing the old battery, turn the camera off.*
- Remove dirt and moisture from the camera and battery before opening the battery chamber cover.

2. Insert the battery into the chamber as indicated by the + and - marks.

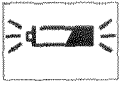
3. Snap the battery-chamber door shut.

- If the battery-chamber cover is not closed correctly moisture may enter the camera.
- After installing a new battery,-- -- -- will blink in the display. Reset the date and time. See page 58.

CHECKING THE BATTERY POWER

Your camera is equipped with an automatic battery-power indicator. Each time the main switch is turned ON, a symbol will appear in the data panel to indicate the power status of the batteries. It is recommended that you always carry spare batteries in your camera bag.

The full-battery symbol indicates that power is sufficient for all camera operations.



If the blinking low-battery symbol appears in the data panel with the other indicators, you can still use the camera, but the battery will have to be replaced soon.

If the blinking low-battery symbol appears alone, the shutter will lock until the battery is replaced.

If no display appears, replace the battery or check that it is inserted correctly.

• To save power, your camera will automatically shut off if it is not operated for more than three minutes.

BASIC OPERATION

LOADING FILM

Your camera uses IX-240 type film designed for use in Advanced Photo System cameras.

- Your camera has an automatic transport system which loads the film, sets the film speed, and advances the film after each exposure.
- Once loaded, the Film-Chamber Lock feature prevents the film-chamber from being opened until the film is rewound into the cartridge.
- There is no need to worry about double exposure. The DEP (Double Exposure Prevention) feature prevents the camera from accepting exposed film.

Visual Exposure Indicators (VEI)

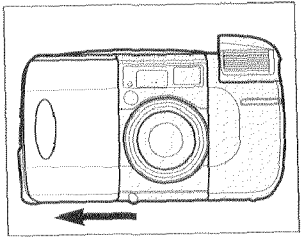
- The current VEI has a white indicator behind it.

VEI	MEANING
●	UNEXPOSED
◗	PARTIALLY EXPOSED
✖	EXPOSED
■	PROCESSED

- This camera will only load film with the ● mark current.

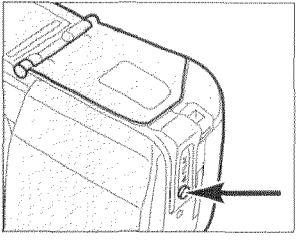
LOADING FILM

Use IX240 type film from ISO 25 - 3200. Your camera will automatically set the proper ISO for the film you are using.



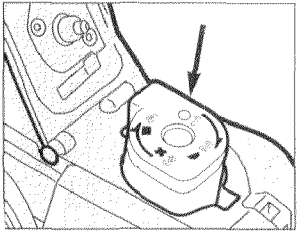
1. Open the front cover to turn the camera on.

- The film can be loaded when the camera is ON or OFF.



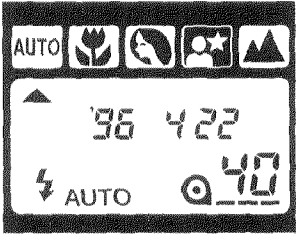
2. Turn the camera upside down and press the film-chamber release as shown. The film-chamber door will open partway.

- The film-chamber door will only open if the chamber is empty or the film in the chamber is completely rewound into the cassette.
- Before opening the film chamber, wipe any dirt or moisture off of the camera.



3. Open the film-chamber door and insert the film into the film chamber with the VEI on top as shown.

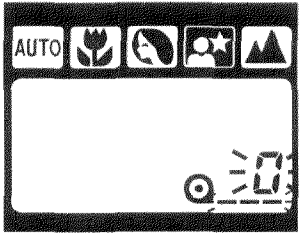
(Continued on the following page)



4. Press the film-chamber door closed.

The cartridge mark and the film's ISO will appear in the data panel, then the film is advanced to the first frame. The frame counter will show the number of frames remaining on the roll.

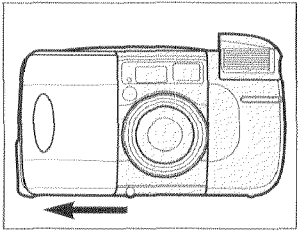
- If film is loaded with the camera OFF, after the number of frames remaining is displayed, all indicators will disappear
- After the film is loaded, pressing the film-chamber release button will display the exposure number and the film's ISO in the data panel.



If the film-transport signals and 0 blink in the data panel, press the film-chamber release and remove the film.

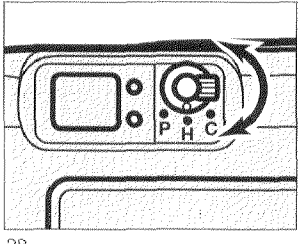
- If the film's current VEI is ✖, insert a new roll of film.
- If a partially exposed roll of film was loaded into this camera, the VEI has been changed from ◗ to ✖.
- If a processed roll of film was loaded into this camera, the VEI has been changed from ■ to ✖.
- If the film's current VEI is ●, remove the film. Remove and reinsert the battery, then reload the film. If the film will not load, contact the nearest authorized Minolta Service Facility.

FULL-AUTO OPERATION



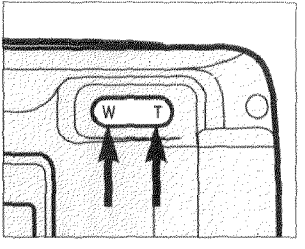
1. Open the front cover to turn the camera on. Full Auto mode and autoflash mode are set.

- The flash will fire automatically when necessary. See page 41.

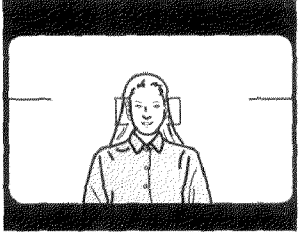


2. Select the print format. The viewfinder will change to match your selection.

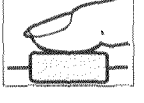
Hold the camera steady, making sure your fingers do not cover the flash. If you are taking a vertically framed picture, turn the camera so the flash is on top.



3. **Looking through the viewfinder, frame the subject as desired.**
   Press W on the zoom lever to zoom out.
   Press T on the zoom lever to zoom in.



4. **Center your subject in the focus frame, then press the shutter-release button partway down.**



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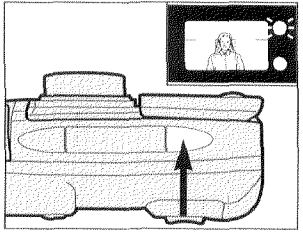


5. When the green focus-lamp glows, press the shutter-release button all-the-way down to take the picture.

- In low-light conditions, the AF Illuminator (flash) will fire to determine focus distance.
- If the orange flash-lamp blinks quickly, the flash is not charged.
- Press the shutter with a slow steady squeeze -- never a quick jab.

The frame counter in your camera displays the number of frames remaining, not the number of frames taken.

FOR CLOSER SUBJECTS

The green focus-lamp will blink quickly and the shutter will lock when you are closer than the focus distance indicated below.

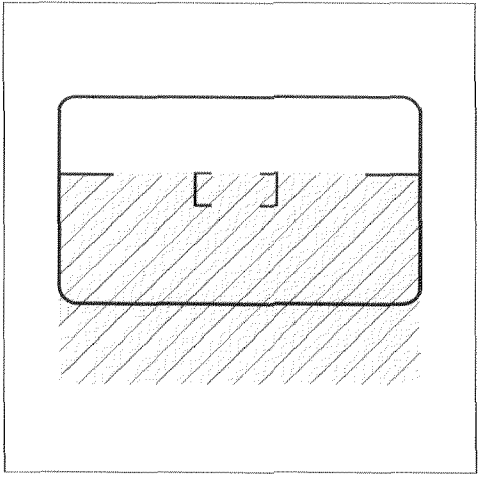
Print Format	C or H Formats	P Format	
Focal Length	30 - 75mm	30 - 55mm	55 - 75mm
Focus Distance	0.5m - ∞	0.5m - ∞	0.7m - ∞

• If you are too close, the green focus-lamp will blink slowly and the picture will not be in focus.

FOR CLOSER SUBJECTS

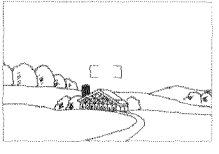
When your subject is closer than 1.0m (3.3 ft.) in C or H format, 1.5m (4.9 ft.) in P format, compose your picture within the close-framing guides using focus hold if necessary. See page 35.

For close-up photography, see the Close-up Mode section on page 48.



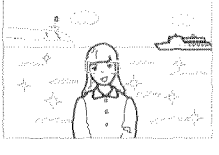
SPECIAL FOCUSING SITUATIONS

Some subjects or scenes, such as those described below, are difficult for the autofocus system to detect. To ensure proper focus in these situations, first lock focus on another object at the same distance from you as your main subject, then recompose your picture and press the shutter-release button.



When a very bright or low-contrast area fills the center of the viewfinder.

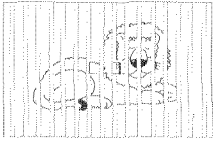
The green focus-lamp will blink slowly to warn you that focus may not be accurate.



When your subject is near a very bright object or area.

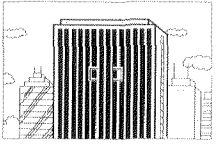
The green focus-lamp may glow, but the focus may not be accurate.

SPECIAL FOCUSING SITUATIONS



When two subjects overlap.

The green focus-lamp will glow and the closer of the two subjects will be in focus.



When a subject composed of alternating light and dark lines fills the center of the viewfinder.

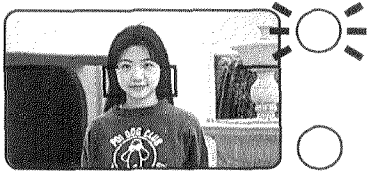
The green focus-lamp will blink rapidly and the shutter will lock.

FOCUS HOLD

If you want to take a picture with the main subject outside of the focus frame, use focus hold to ensure accurate focusing. Focus hold should also used in the special situations described on the previous page.

1. Center your subject in the focus frame.

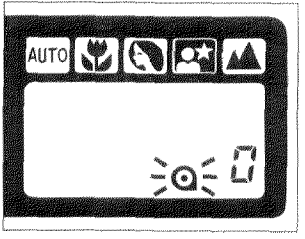
(Continued on the following page)



2. **Press and hold the shutter-release button partway down until the green focus-lamp glows.**

3. **Without lifting your finger, recompose the picture and press the shutter-release button all-the-way down to take the picture.**
   - Lift your finger from the shutter-release button to cancel focus hold.

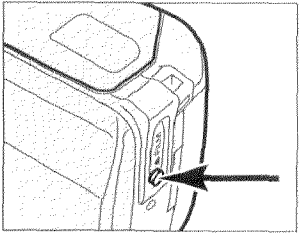
REWINDING THE FILM - AUTOMATIC



Your camera automatically rewinds the film into the cassette after the last exposure.

1. Wait for the film to rewind completely into the cassette.

- The frame counter will count down during rewind.
- **0** will appear in the frame counter and ⟲ will blink when the film is rewound.



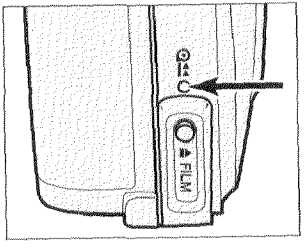
2. Turn the camera upside-down, then press the film-chamber release to open the film-chamber door.

- Before opening the film-chamber door, wipe any dirt or moisture off of the camera.

3. Open the film-chamber door and remove the film.

- The film's VEI indicator will be ✖.

REWINDING THE FILM - MANUAL



Use manual rewind when you want to switch to a different type or speed of film before the current roll is finished.

1. **Gently press the manual-rewind button *using a pen* or similar object.**

2. **Follow steps 1- 3 from automatic rewind.**

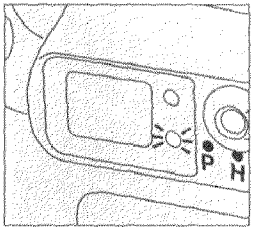
Certified Advanced Photo System photofinisher symbol

For best results, take your film to a Certified Advanced Photo System photofinisher displaying this symbol. See page 78.

USING THE BUILT-IN FLASH

When you turn the camera on, the built-in flash is set to autoflash or autoflash with red-eye reduction, whichever mode was used last. The flash will fire automatically when the light level is low or your subject is backlit.

FLASH LAMP / FLASH RANGE



FLASH LAMP

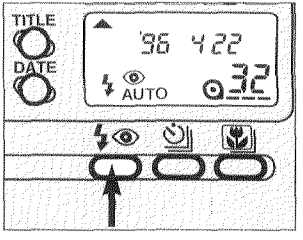
- When the orange flash-lamp blinks rapidly, the flash is charging. Wait until it glows steadily, then take the picture.
- The flash takes approximately five seconds to charge.
- When the orange flash-lamp blinks slowly, your scene is too dark for a hand-held picture. Use the flash, or place your camera on a tripod.

FLASH RANGE

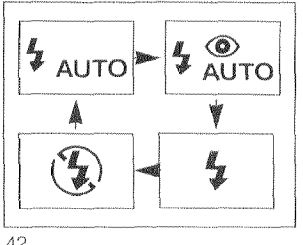
The range of the built-in flash depends on the film speed and the focal length you are using. To ensure proper exposure, make sure your subject is positioned within the flash range.

Focal Length	Flash Range at ISO 200
30mm	0.5 - 7.6m (1.6 - 24.9 ft.)
75mm	0.5 - 3.2m (1.6 - 10.5 ft.)

SELECTING THE FLASH MODE

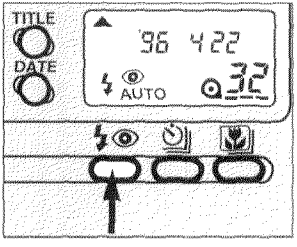


Besides autoflash mode (AUTO), autoflash with red-eye reduction(AUTO), manual fill-flash ( ), or flash cancel ( )can be selected.



Press the flash-mode button until the desired indicator appears in the data panel.

Flash modes remain selected after you take the picture.



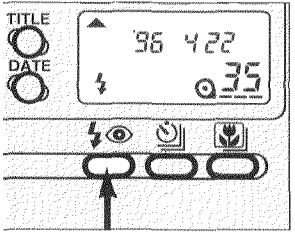
Red-eye Reduction AUTO

Use the built-in flash's red-eye-reduction mode to reduce the red-eye effect when photographing people or animals at night or in low-light situations. The flash will fire a few short bursts before the main flash burst to reduce the red-eye effect.

Press the flash-mode button until AUTO appears in the data panel.

Warn your subject that the flash will fire a few short bursts just before the picture is taken.

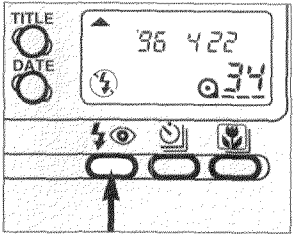
SELECTING THE FLASH MODE



Manual Fill-flash ϟ

The flash will fire when the shutter is released regardless of lighting. Use manual fill-flash to illuminate a backlit subject, or reduce harsh shadows on your subject's face.

Press the flash-mode button until ϟ appears in the data panel.



Flash Cancel

Use flash cancel when you are photographing twilight scenes, distant subjects beyond the flash range, or when you want to capture the ambiance of existing light.

Press the flash-mode button until appears in the data panel.

Shutter speeds may be slow when the flash is canceled. Use of a tripod is recommended.

SUBJECT PROGRAM SELECTION

Subject Program Selection lets you tailor the camera's fully-automatic operation to suit the subject. It provides optimal camera settings for close-ups, portraits, portraits at night, landscapes, and night views.

SUBJECT PROGRAM SELECTION

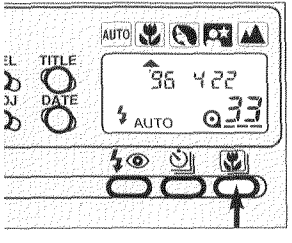
Press the subject-program-select button until the pointer is under the symbol of the subject type you are photographing.

AUTO	**Full Auto Mode:**	*The camera's standard point-and-shoot mode.*
	Close-up Mode:	Optimizes the camera's settings for close-up photography.
	Portrait Mode:	Optimizes the camera's settings for portrait situations.
	Night Portrait Mode:	Provides a balanced exposure for night portraits.
	Landscape/Night View Mode:	The camera's settings are optimized for landscape and scenic photographs during the day or night.

After you take the picture, the camera returns to Full Auto mode. The flash will return to the mode it was set to before the subject program mode was selected.

CLOSE-UP MODE

Close-up mode lets you take pictures of small objects such as flowers or models to a maximum subject magnification of 1/4.3 life size on the film.



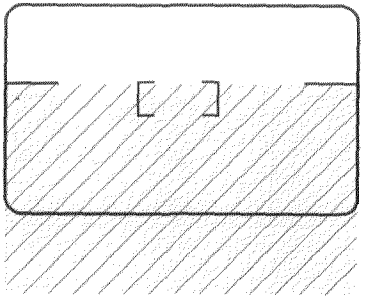
1. Press the subject-program-select button until the pointer blinks below .

- Two seconds after you select close-up mode, the pointer will stop blinking and the lens will zoom to 75mm and lock.
- Autoflash (or autoflash with red-eye reduction) is initially set, but other flash modes can be selected.

2. Place the subject within the focus frame and press the shutter-release button all-the-way down.

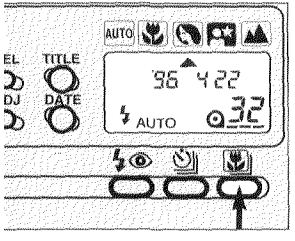
In C and H formats, the minimum auto-focus distance is 0.4m/1.3 ft. (0.7m/2.3 ft. in the P format). When your subject is closer than 1.0m (3.3 ft.),1.5m (4.9 ft.) for the P format, compose your picture within the close framing guides using focus hold if necessary.

- When the green focus-lamp blinks slowly, the focus will be set to 0.4m (1.3 ft.).



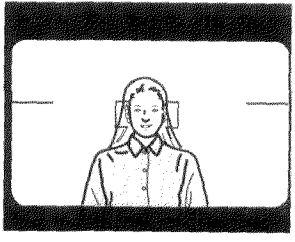
PORTRAIT MODE

In Portrait mode, the lens automatically zooms to provide suitable framing for portraits when you press the shutter-release button partway down.



1. Press the subject-program-select button until the pointer is under .

- Autoflash (or autoflash with red-eye reduction) is initially set, but any flash mode can be selected.

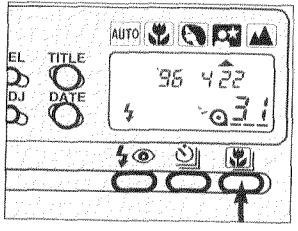


2. **Center your subject in the focus frame and press the shutter-release button partway down. The lens will zoom to provide suitable framing for a portrait.**
   - When the green focus-lamp blinks slowly, the lens will not zoom automatically and the focus is set to 1.2 - 2.5m (3.9 - 8.2 ft.).

3. **Wait for the lens to zoom and press the shutter-release button all-the-way down.**
   - If you manually zoom the lens after selecting the portrait mode, return to autozoom is no longer possible.

NIGHT PORTRAIT MODE

In Night Portrait mode, the camera balances the flash and existing light exposure so you can take beautiful pictures of people at sunset or at night.



1. Press the subject-program-select button until the pointer is under .

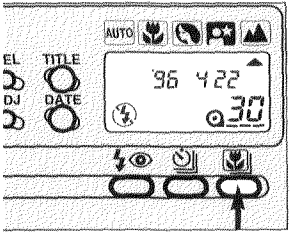
- The flash is set to manual fill-flash with red-eye reduction. Red-eye reduetion can be canceled with the flash-mode button.

2. Place the subject within the focus frame and press the shutter-release button all-the-way down.

The shutter speed will most likely be slow. Use of a tripod is recommended.

LANDSCAPE / NIGHT VIEW MODE

In this mode, focus is set to infinity to ensure sharp focus on landscapes and other distant subjects.



1. Press the subject-program-select button until the pointer is under ▲.

- Flash cancel is set and cannot be changed.

2. Align your subject within the focus frame and press the shutter-release button all-the-way down to take the picture.

At night, the shutter speed will most likely be slow. Use of a tripod is recommended.

ADDITIONAL FEATURES

DATE IMPRINTING

Previous cameras printed date and time information directly onto the film. Your camera uses the film's magnetic data-strip to record date and time information which your photofinisher can imprint on the front and back of your photographs.

- Some labs can not imprint date and/or time information on the front of your photographs. See your photofinisher for a full description of available services.
- Date and Time information is always recorded on the films magnetic data strip.

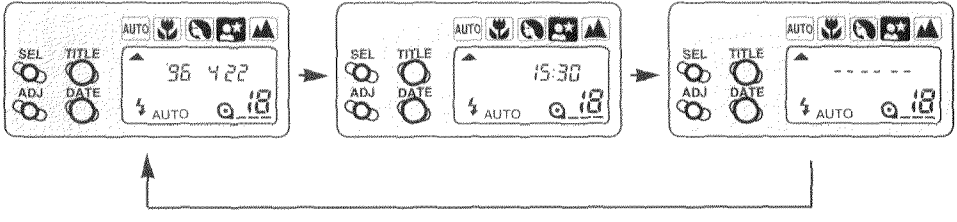
LCD DISPLAY	'96 4 22	15:30	- - - - - -
PRINT FRONT	'Y M D	Hr:Min (24 Hr)	No imprinting
PRINT BACK	'Y M D	Hr:Min (24 Hr)	'Y M D H M

TO HAVE THE DATE PRINTED ON THE FRONT OF THE PHOTOGRAPH

Before taking the picture -

Press the date button until the data-panel displays the format you want to see on the print.

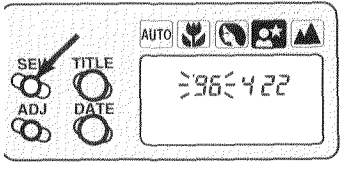
The sequence is as follows:



DATE IMPRINTING

CHANGING THE DATE/TIME INFORMATION

- This camera has a quartz clock and automatic calendar through the year 2029.

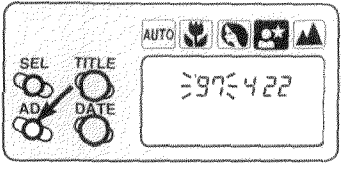


1. Press the date button to display the date.

2. Press the select button until the item you want to adjust blinks.

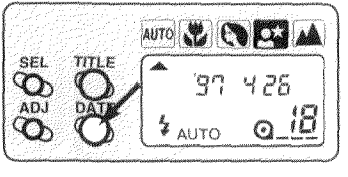
- Each press of the select button causes the next item to blink.
- The sequence is as follows:

  year - month - date - hour - minute - stops blinking



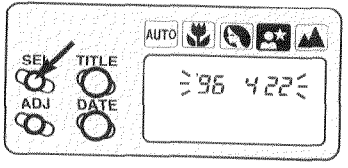
3. Press the adjust button to change the blinking item.
   - Press and hold the adjust button to change the value rapidly.

4. Repeat steps 2 and 3 until all items in the date and time display are correct.

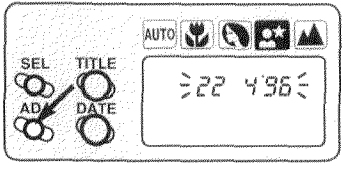


5. Press the date button to set the updated information.

CHANGING THE DATE/TIME FORMAT



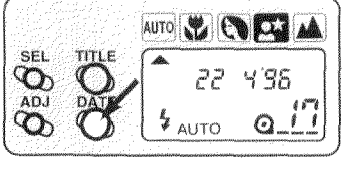
1. Press and hold the select button until all items in the date display blink.



2. Press the adjust button to change the display format.

- The format sequences is as follows:

'96 4'22 → 4'22'96 → 22 4'96

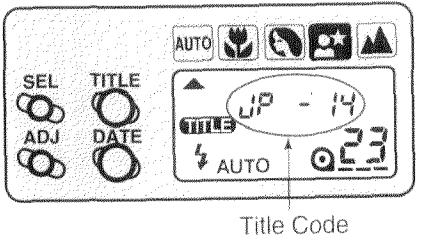


3. Press the date button to set the selected format.

TITLE IMPRINTING

Three different titles from the title list can be preselected for use while taking pictures. Any one of the three preselected titles can be chosen before the picture is taken. When chosen, the title will be recorded on the film's magnetic data-strip. At certified Advanced Photo System labs, the selected title will be printed on the back of the print.

Some labs may not be able to print the titles in all of the available languages. See your photofinisher for details.



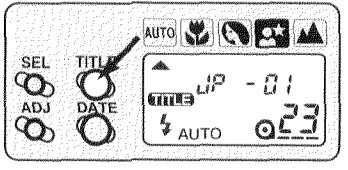
Titles are displayed in the data panel as a title code. Please refer to the Title List for the titles available with this camera.

(Continued on the following page)

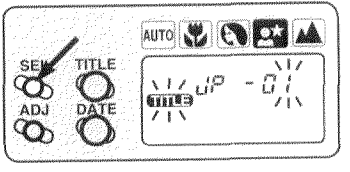
PRESELECTING TITLES

Three title codes have been set into memory. You can change one or all three title codes at any time.

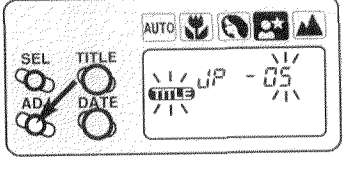
1. **Select the code for the title you want from the title list.**



2. **Press the title button to display the title code you want to change.**



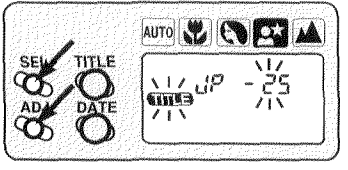
3. Press the select button, the first digit of the title code number will blink.



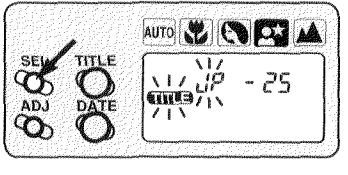
4. Press the adjust button to change the value of the blinking number.
   - Press and hold the adjust button to change the value rapidly.

(Continued on the following page)

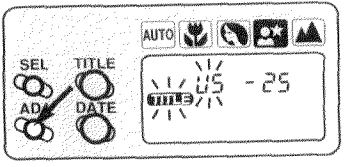
TITLE IMPRINTING



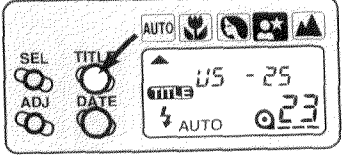
5. Press the select button to make the next digit blink, change the number using the adjust button.



6. Press the select button to make the language code blink.



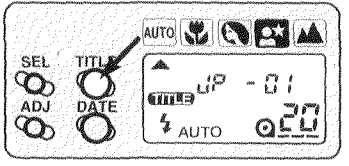
7. Press the adjust button to change the language code.



8. When the title information is correct, press the title button.

TITLE IMPRINTING

TO HAVE THE TITLE IMPRINTED ON THE BACK OF THE PHOTOGRAPH



Before taking the picture -

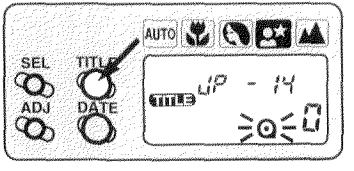
1. Press the title button to display the code for the title you want.

- Each press of the title button changes the title code to the next selection.

2. Take the picture. The magnetic data is written and the selection is canceled for the next frame.

SETTING A FILMSTRIP TITLE

You can choose an additional title for the entire roll of film (Filmstrip Title). Both the filmstrip title and the frame title will be imprinted on the back of the print.



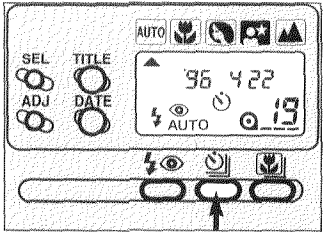
After the film has been rewound and the film-cartridge mark is blinking-

1. **Press title to select the title you want.**
   - Each press of the title button changes the title code to the next selection.

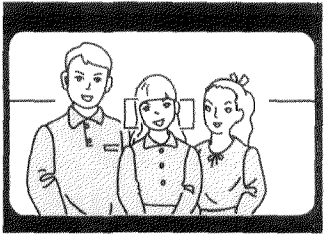
2. **Set the title by pressing the shutter-release button all the way down. The camera advances to write the IX data on the film leader, then rewinds the film.**
   - Be sure to set the filmstrip title before removing the film.
   - Once the filmstrip title is set, it can not be changed.

SELF-TIMER

The self-timer will delay release of the shutter for approximately 10 seconds after you press the shutter release button.



1. **Place the camera on a tripod and press the self-timer/remote-control button until ⏲ appears in the data panel.**



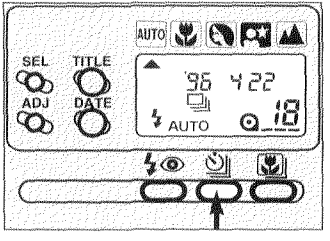
2. Center your subject in the focus frame.

3. Press the shutter-release button all-the-way down.
The self-timer lamp on the front of the camera will blink slowly during the self-timer countdown.

- To cancel the self-timer operation, press the self-timer/drive-mode button or turn the camera OFF.
- The self-timer is automatically canceled after the shutter releases.
- Do not press the shutter-release button while standing in front of the camera.
- If you want to take a picture with your subject outside of the focus frame, use focus hold. See page 35.

CONTINUOUS DRIVE MODE

In this mode, the camera continuously takes pictures and advances the film as long as the shutter-release button is held down.



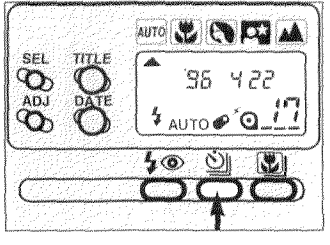
1. **Press the self-timer/remote-control button until appears in the data panel.**

2. **When you're ready to take pictures, press the shutter-release button all-the-way down and hold.**
   - The shutter will continue to release and advance the film as long as the shutter-release button is held down. When taking flash pictures, the shutter will release after the flash has charged.
   - To cancel the continuous drive mode, press the self-timer/drive-mode button until the indicator disappears from the data panel, or turn the camera off.

REMOTE CONTROL (optional)

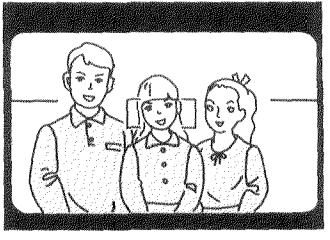
The IR Remote Control RC-3 is an optional accessory you can purchase to operate your camera from up to 6m (19.7 ft.) away.

- The remote control will not operate with backlit subjects or under fluorescent light.
- To save power, the camera automatically shuts itself off if the remote control is not operated for more than eight minutes.

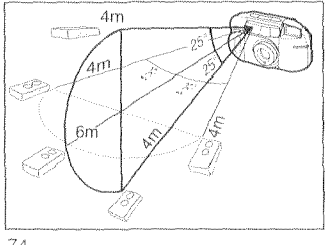


1. Place the camera on a tripod and press the self-timer/remote-control button until appears in the data panel.

(Continued on the following page)

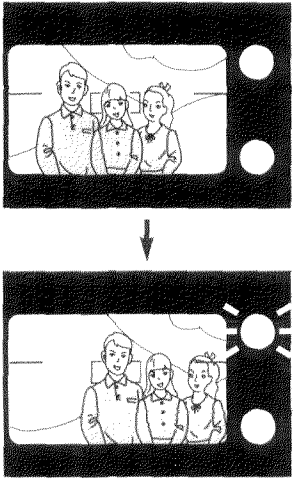


2. Arrange the camera and subject positions and compose your picture.



3. Point the remote control toward the front of the camera and press • or 2s.

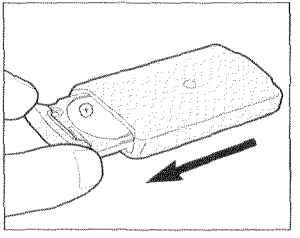
- If you press the release button marked with •, the lamp on the front of the camera will blink once and the picture will be taken. If you press the delay button (2s), the lamp on the front of the camera will blink for two seconds before the picture is taken.

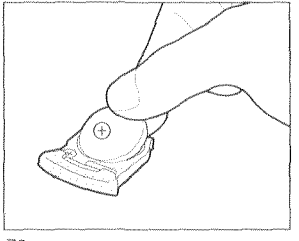


FOCUS HOLD IN REMOTE CONTROL MODE

When your subject is not in the center of the picture, use focus hold.

1. Set the camera to the remote-control mode.
2. Center your subject in the focus frame, then press the shutter-release button partway down until the green focus-lamp glows.
3. Release the shutter-release button.
4. Point the remote control toward the front of the camera and press • or 2s.



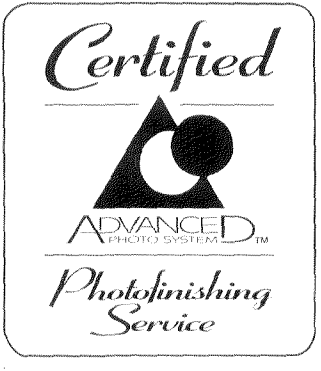


CHANGING THE BATTERY

The remote control uses a 3V lithium battery (CR2032). When pressing the remote-control buttons does not release the shutter, the battery must be replaced (The supplied battery will be sufficient for approximately ten years of operation).

1. **Pull out the battery-chamber and remove the old battery.**
2. **Insert a new battery into the battery-chamber with its plus side up.**
3. **Slide the battery chamber back into the remote control.**

APPENDIX



To receive the best possible prints, take your film to a photolab displaying the certified Advanced Photo System photofinisher logo. Photofinishers displaying this logo have been certified according to Advanced Photo System guidelines.

The following is a list of services required for certification. See your photofinisher for a full list of available services.

1. CHP - Print Format

Your film will be printed according to the format set when the picture was taken.

3. Date and Title Imprinting

The date, time, and selected title are printed on the back of the picture in the chosen format.

2. PQI - Print Quality Improvement

The lab will compensate (or not compensate) printing according to the data recorded on the magnetic data strips.

4. Film is returned in the cartridge

To keep the film dust free and aid in organization, film is returned in its original film cassette. The VEI will be set to ■ to prevent accidental loading.

5. Index Print

An index print showing a numbered image of each frame is included with your returned order.

Reprints

Images are always captured in the H format . You can select any of the three formats when ordering reprints.

CARING FOR YOUR CAMERA

CLEANING

- Keep the AF and AE windows clean or the focus and/or exposure may not be accurate.
- If the camera body is dirty, gently wipe it clean with a soft, clean, dry cloth.
- To clean the lens surface, first brush away any dust or sand then, if necessary, moisten a lens tissue with lens cleaning fluid and gently wipe the lens in a circular motion, starting from the center.
- Never place lens fluid directly on the lens.
- Never touch the lens surface with your fingers.
- Never use alcohol or solvents to clean the camera.

BEFORE IMPORTANT EVENTS

- Check camera operation carefully or take test photographs.
- Minolta is not responsible for damages incurred by equipment malfunction.

STORAGE

When storing the camera for extended periods of time, please follow these guidelines.

- Store the camera in a cool, dry, well-ventilated area away from dust and chemicals. For very long periods, place the camera in an airtight container with a silica gel drying agent.
- Before using after prolonged storage, always check the camera's operation to make sure it is functioning properly.

QUESTIONS AND SERVICE

- If you have questions about your camera, contact your local camera dealer or write to the Minolta distributor in your area.
- Before shipping your camera for repair, please contact an authorized Minolta Service Facility for details.

TECHNICAL DETAILS

CAMERA TYPE:	IX-240 Lens Shutter Type
LENS:	30-75mm f/3.6 - 8.6 power zoom lens (equivalent to approx. 38 to 94mm in the 135 system). 4 element/4 group construction including 2-two-sided aspheric elements. Maximum Magnification: 1/4.3X Close-up mode focal length: 75mm
FOCUSING RANGE:	C/H: 0.5 - ∞ (Close-up: 0.4m-∞) P: Wide/Tele: 0.5m - ∞/0.7m - ∞ (Close-up: 0.7m- ∞)
FILM SPEED SETTING:	Automatic setting for films ISO 25 - 3200
METERING RANGE (ISO 200):	Wide: EV 3.0 - EV 17 Tele: EV 3.2 - EV 17
FLASH RANGE(ISO 200):	30mm: 0.5 - 7.6m (1.6 - 24.9 ft.) 75mm: 0.5 - 3.2m (1.6 - 10.5 ft.)

BATTERY:	One CR-2 3V Lithium battery Battery-condition indication: 3-stage indication Battery performance: approx. 12 rolls (based on Minolta's standard test method using 25 exposure film with flash on 50% of exposures)
VIEWFINDER:	Magnification: 0.44X - 1.00X Field of View (H format): 85% (for subject at 3m) Eyepoint: 27mm
DIMENSIONS:	117.5 X 65 X 42mm (4-5/8 X 2-9/16 X 1-5/8 in.)
WEIGHT:	235g (8-5/16 oz.) without battery

Specifications are based on the latest information available at the time of printing and are subject to change without notice.

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

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

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

CE

This mark on the bottom of your camera is to inform you that this camera meets the requirements of the EU (European Union) concerning interference causing equipment regulations.
CE stands for Conformité Européenne (European Conformity).

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