

Expand your wide zoom world!



Caplio RX with 3.6x Wide Zoom Lens Debuts.

WIDE
3.6x 28~100mm
ZOOM

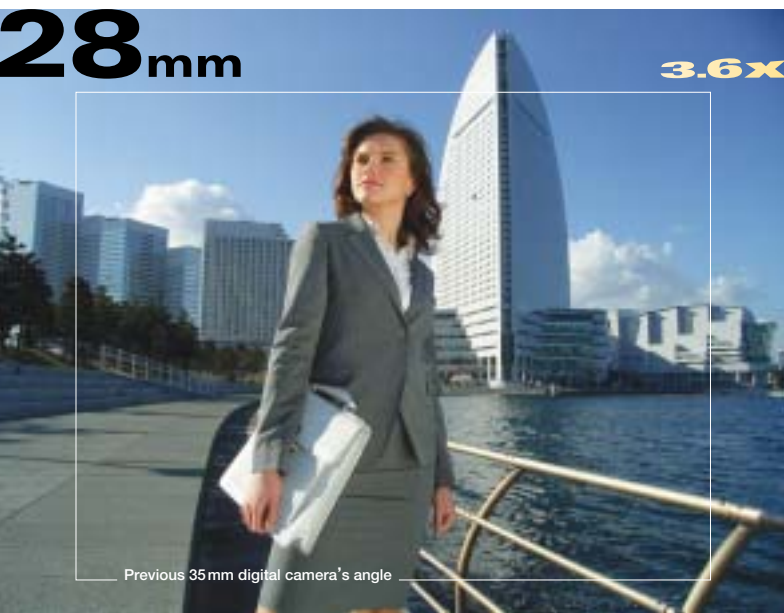
* Lens focal lengths described in this catalog are values converted into those for a 35 mm film camera.



effective **3.24 megapixels**
Primary-color CCD

3.6x wide zoom, speed and ease of use packed in a compact body!

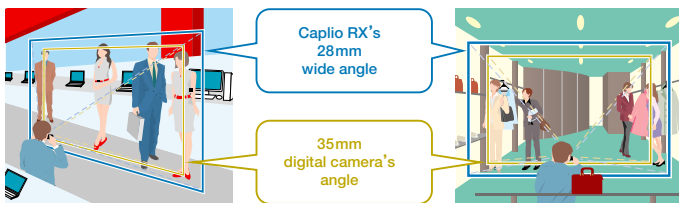
Ricoh Caplio RX is a compact digital camera equipped with a 3.6x wide zoom lens extending from a wide angle of 28 mm to a telephoto range of 100 mm. With a shutter release response of 0.12 seconds — the world's fastest*¹ — and a start-up time of 0.9 seconds, superb specifications are yours to enjoy in a compact digital camera.



From 28mm wide to 100mm zoom! Caplio RX's captures the moment — all of it!

Take a wide-angle shot from up close

You can't step back further from the subject. No problem. Caplio RX can capture the entire scene, indoors or outdoors, that previous digital cameras simply couldn't get in the frame.



28 mm lens captures a wider-angle shot than 35mm lens.

※ Angle of view: 28 mm — 76°, 35 mm — 62°

Zoom up to distant targets

Use the 100mm zoom to get high-resolution close-ups of your targets.

Newly developed cutting-edge 3.6x wide zoom lens

The newly developed optical system, consisting of an 8-group, 8-element design with 3-group zooming including three aspherical lenses, and a two-stage collapsible cone realize 3.6x zoom with 28mm wide angle. Total lens length is reduced by 2.4mm compared with the previous model. Peripheral light intensity is sufficient even at wide-angle edges and superior aberration correction is achieved. Ricoh's unique wide zoom technology brings new possibilities to digital photography.



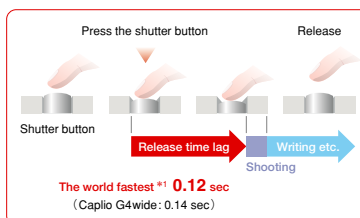
Shutter response in 0.12 seconds means you'll never miss an opportunity with Caplio RX.

The world's fastest*¹ 0.12-sec release time lag, 0.9-sec start-up time and 0.9-sec shooting interval

Hybrid AF System, Ricoh's unique high-speed focusing system combining CCD autofocus and external autofocus mechanisms achieves the world's fastest release response of 0.12 seconds. Turn on the power and Caplio RX is ready to shoot in just 0.9 seconds and sequential shooting at intervals of 0.9 seconds means you'll never miss a magic moment.



AF ranging system



The world fastest*¹ 0.12 sec (Caplio G4wide: 0.14 sec)



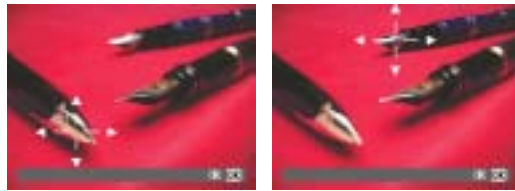
*1: As of March 4, 2004. Time required from pressing the shutter button to starting exposure in autofocus mode without using focus lock. ※ Lens focal lengths described in this catalog are values converted into those for a 35mm film camera.

As close as 1cm — Caplio RX lets you bring your creativity into full play!



Brilliant 1cm macros

Ricoh's expertise in macros comes into its own. Capture subjects as small as 18mm × 24mm in frame-filling detail from as close as 1cm. Also, Caplio RX's AF Target Selection Function allows you to focus on your target by moving the pointer without changing the camera position. It even has a built-in flash for shots as close as 14cm.



▲ Use the AF Target Selection in the macro mode and use arrow buttons (▲▼◀▶) to select the target without moving the camera. ※ Simulated picture
◀ Photographed in 28 mm wide at a distance of 1.3 cm from the subject

Choice of three power sources ensures Caplio RX's versatility!

Large-capacity rechargeable lithium-ion battery, AA batteries or AC

Despite a thickness of just 29mm, Caplio RX can accommodate an optional large-capacity rechargeable lithium-ion battery. Two AA batteries can do the job if your rechargeable battery runs out. An optional AC adapter is also available.



Ultimate flexibility and ease of use!



[1.8" TFT LCD]

Easy-to-view 1.8" TFT LCD

[Real-time Histogram Indicator]

You can check the brightness of the picture without being influenced by how it looks on the LCD monitor.

[3-stage Battery Power Indicator]

The 3-stage battery remaining indicator shows at a glance how much power remains.

※ Simulated picture

Your index finger is just for pressing the release button. All other operations can be done on the back panel by pressing buttons with your thumb.

[Power Button]

The power button located at the back makes operation faster.

[ADJ (adjust) Button]

Using the ADJ button, it is very simple to execute exposure compensation, white balance adjustment and ISO switching. An adjustment function of your choice (number of pixels/picture quality, focus, sharpness or photometry system for shooting of still pictures) can be assigned to the ADJ button.



[OK Button]

The OK button is located at the center of the arrow buttons for ease of use.

[Macro Button]

Use arrow buttons to move the pointer and select the AF target in the macro mode. (AF Target Selection Function)

Wide-ranging convenient functions

[6 scene modes]

Select the optimum program according to your needs.



Portrait: The subject is sharp.

Sports: Suitable for a fast-moving subject

Landscape: Capture extensive landscape

Night scene: Both the subject and the background night scene are clear.

Text: Suitable for shooting documents

High-sensitivity: Suitable for poorly lit environments

[Long battery life]

The optional large-capacity rechargeable lithium-ion battery (DB-43) gives you more power to shoot*2.

[Slim 29mm aluminum alloy body]

The camera is only 29mm thick with the lens retracted and lightweight (approx. 165g). It's rigid and robust too.

[High-resolution 3.24-megapixel primary-color CCD]

The 1/2.7-inch primary-color CCD with 3.34 million square pixels (effective 3.24 million pixels) achieves superior color reproduction.

[Auto-bracket White balance bracket]

Auto-bracket allows you to take three shots simultaneously at different exposure settings, while white balance bracket applies tones of red, normal white and blue to three separate images.

[S (stream) & M (memory) continuous shooting capabilities]



16 frames for two seconds are stored in one file. Each frame can be enlarged and played back on the camera in succession to create the look and feel of an animated movie.

[Movie making with audio up to 120 seconds]

As well as moving pictures with audio, Caplio RX can also be used to record audio only. (The remaining capacity of the memory card can be used for storage of one audio file.)

[Operation tone setting]

You can set the operation tone for start-up, AF ranging and shutter action.

[Direct print out with USB cable connection]

Connect Caplio RX to a PictBridge compatible printer via a USB cable for direct print out of photos without using a PC.



[Synchro monitor]

To save power, the LCD monitor turns on only when the camera is operated, for example, when you half press the shutter button.



- < Accessories Included >
- ① USB Cable
 - ② AV Cable
 - ③ CD-ROM
 - ④ AA Alkaline Batteries x 2
 - ⑤ Hand Strap
 - Instruction Manual*1
 - Warranty Card

Caplio RX Major Specifications

Item	Description
Recording Format	Still JPEG (Exif ver. 2.21) DCF*2 support, DPOF support Text TIFF (MMR system) Motion AVI (Open DML Motion JPEG format compliant) Sound WAV (Exif ver. 2.21)
Video Signal Method	NTSC/PAL switchable
Recording Media	SD Memory Card™ (3.3V 8/16/32/64/128/256/512MB), MultiMediaCard™ (16/32/64MB) Built-in memory (8MB)
CCD	1/2.7-inch primary-color CCD with 3.34 million square pixels (effective 3.24 million pixels)
Resolution	Still 2,048 x 1,536, 1,280 x 960, 640 x 480 Text 2,048 x 1,536, 1,280 x 960 Motion 320 x 240, 160 x 120
Recording Mode	Still (Continuous, S-Continuous, M-Continuous), Scene (Portrait, Sports, Landscape, Night Scene, Text, High-sensitivity), Motion, Sound
Picture Mode	Fine, Normal
Storage capacity (No. of pictures) (Internal 8MB Memory)*3	Still 4 (2,048 x 1,536 Fine), 8 (2,048 x 1,536 Normal) 8 (1,280 x 960 Fine), 14 (1,280 x 960 Normal) 43 (640 x 480 Normal)
Storage capacity (time) (Internal 8MB Memory)*4	Motion 18seconds (320 x 240), 65seconds (160 x 120) Sound 14minutes 2seconds
Storage data capacity	Still Approx. 1.29MB (2,048 x 1,536 Fine), Approx. 671KB (2,048 x 1,536 Normal) Approx. 686KB (1,280 x 960 Fine), Approx. 356KB (1,280 x 960 Normal) Approx. 82KB (640 x 480 Normal)
Lens	Focal range f: 4.3~15.3mm (equivalent to 28~100mm for 35mm film camera) Brightness F: 3.1 (W)~5.8 (T) Lens structure 8 glass elements in 8 groups
Digital Zoom	x3.4 (Maximum x12.2 in combination with optical zoom)
Shutter	Still 8, 4, 2, 1~1/2,000sec. (electronic/mechanical shutter) Motion 1/30~1/2,000sec. (electronic shutter)
Object distance	Approx. 0.3m~∞ (Macro: Approx. 0.01m~∞, Telemacro: Approx. 0.13m~∞)
ISO Sensitivity	Auto (equivalent to ISO 125), ISO64, ISO100, ISO200, ISO400, ISO800
View Finder	Real-image optical zoom finder
LCD Monitor	1.8-inch translucent amorphous silicon TFT LCD (approx. 85,000 pixels)
Flash*5	Auto (automatic flash in backlight), Red-eye Reduction, On, Slow Synchro, Off Effective Flash Range: 0.2~3.0m (W), 0.14~2.5m (T) (ISO 800)
Focus	Autofocus, Manual Focus, Fixed Focus (Snap), ∞
Exposure Adjustment	TTL-CCD photometric system: Multi (256 segments), Center Weight, Spot
Exposure Compensation	Manual compensation (+2.0~-2.0EV in 1/3EV steps), Auto-bracket (-0.5EV, ±0, +0.5EV)
White Balance	Auto, Daylight, Overcast, Tungsten Light, Fluorescent Light, Manual (One Push), White Balance Bracket
Self Timer	Delay: Approx. 10sec., 2sec.
Interval Timer	Shooting interval: 30sec.~3hours
PC Interface	USB 1.1 (compatible with PCs with Windows98/98SE/2000 Professional/Me/XP Home Edition XP Professional pre-installed or Macintosh with Mac OS 8.6-9.2.2 or Mac OS X 10.1.2-10.3)
AV Interface	Audio Out, Video Out
Power Source	Optional rechargeable lithium-ion battery, 2 AA batteries (alkaline, nickel, NiMH), or optional AC adapter
Shooting Capacity*6	Using DB43: Approx. 4,300pictures (continuous), approx. 400pictures (normal). Continuous reproduction of still pictures: Approx. 340minutes Using AA alkaline batteries: Approx. 150pictures (normal)
Dimensions (W x D x H)	111.6 x 29.0 x 56.0mm (excluding projection)
Weight	Approx. 165g (excluding battery, SD Memory Card, hand strap)
Operating temperature	0~40°Cs

*1: In addition to the instruction manual supplied with the product, the CD-ROM contains a User Guide in PDF format that provides a more detailed explanation. Hard copy of the User Guide will be available for purchase. For details, check the Ricoh web site.

*2: DCF is the abbreviation of JEITA Standard "Design rule for Camera Files system."
(It does not guarantee perfect inter-camera compatibility.)

*3: General guide for still-picture recording capacity

*4: Maximum 30 sec. per shot (320 x 240), maximum 120 sec. per shot (160 x 120)

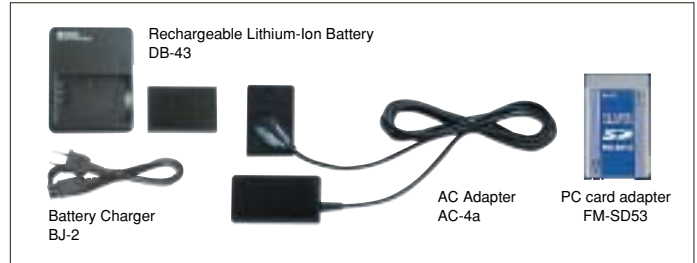
*5: Maximum flash range is effective at ISO800

*6: Under Ricoh measurement parameters (room temperature). Actual performance may vary depending on the conditions of use. Continuous mode: 640 x 480 flash off, zoom not used, and Monitor Display off (power-saving mode). Normal mode: Approx. 30-second intervals, using flash and zoom for 1 out of 2 photos, and Monitor Display off (power-saving mode). AA alkaline batteries allow usage of approx. 75 minutes.

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Caplio RX Optional Accessories



Caplio RX Software

	Windows XP	Windows 98/98SE/2000/Me	Mac OS X 10.1.2~10.3	Mac OS 8.6~9.2.2
1. RICOH Gate La	○	○	—	○
2. DU-10x	○	○	—	—
3. USB driver	○	○	○	○
4. WIA driver	○	—	—	—
5. Mounter	—	—	○	○
6. Acrobat Reader	○	○	—	—
7. Direct X	○	○	—	—

Caplio RX Software Operating Environment

	Windows	Macintosh
Operating Software	Windows 98/98 Second Edition Windows 2000 Professional Windows Me Windows XP Home Edition/XP Professional	Mac OS 8.6~9.2.2 Mac OS X 10.1.2~10.3
CPU	Pentium II or faster	Power PC or faster
Memory Space	Windows 98/98SE: 32MB or more (96MB recommended) Windows 2000 Professional: 128MB or more (256MB recommended) Windows Me: 64MB or more (96MB recommended) Windows XP Home Edition/XP Professional: 128MB or more (256MB recommended)	Mac OS 8.6~9.2.2: 96MB or more (128MB recommended) Mac OS X 10.1.2~10.3: 128MB or more (256MB recommended)
Hard Disk Space	Windows 98/98SE: 10MB or more (during installation) Windows 2000 Professional: 10MB or more (during installation) Windows Me: 10MB or more (during installation) Windows XP Home Edition/XP Professional: 10MB or more (during installation)	Mac OS 8.6~9.2.2: 10MB or more (during installation) Mac OS X 10.1.2~10.3: 100MB or more (during installation) 100MB or more (during operation)
Display	Resolution: 640 x 480 dots or more, 256 colors or more (800 x 600 dots or more, 65,000 colors or more recommended)	Resolution: 640 x 480 dots or more, 256 colors or more (800 x 600 dots or more, 32,000 colors or more recommended)
Other	USB board, keyboard, CD-ROM drive, mouse required	USB board, keyboard, CD-ROM drive, mouse required

※ Only USB connection is available when connecting Caplio RX to a PC. Serial connection is unavailable.

※ Supplied software can be used for Caplio G4 series, G3 series, ProG3, 300G, 400G wide, and RR30. Caplio G3 model S and ProG3 are not compatible with Macintosh.

SD Memory Card Storage Capacity (Number of Images and Time)

Mode	Recording pixels	Picture mode	32MB	64MB	128MB	256MB
Still	2048 x 1536	Fine	19 images	40 images	81 images	162 images
		Normal	37 images	77 images	156 images	312 images
	1280 x 960	Fine	37 images	75 images	153 images	305 images
		Normal	67 images	138 images	279 images	557 images
Text	640 x 480	Normal	189 images	387 images	783 images	1560 images
	2048 x 1536	—	67 images	138 images	279 images	557 images
Motion*7	1280 x 960	—	189 images	387 images	783 images	1560 images
	320 x 240	—	1' 26"	2' 57"	5' 58"	11' 56"
Sound	160 x 120	—	5' 16"	10' 46"	21' 47"	43' 34"
	—	—	64' 38"	132' 13"	267' 17"	532' 38"

※ Number of recordable pictures and recordable time may vary depending on the manufacturer and shooting conditions.

*7: Maximum 30 sec. per shot (320 x 240), maximum 120 sec. per shot (160 x 120)

For more information, visit:

http://www.ricoh.co.jp/r_dc



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