

**RICOH**

**Caplio R5**

# Inherent Beauty

**Some moments are too precious to miss.**



28-200mm

Optical 7.1 X Zoom

7.24 Megapixel CCD

CCD Shift

Vibration Correction

High Sensitivity ISO 1600

● 28 to 200mm optical 7.1x zoom ● Effective 7.24 mega-pixel CCD ● CCD shift vibration correction ● High-sensitivity ISO 1600

※ Focal lengths are 35mm film camera equivalents.

**Optical 7.1x zoom expands both zoom area and expressive range.**

**28mm WIDE 28 mm for dynamic wide-angle shots**



● F3.3 1/270 ISO: 100  
(28mm)

**200mm TELE 200 mm for natural, beautiful close-ups.**



● F4.8 1/270 ISO: 100  
(200mm)



## ISO 800/ ISO 1600

**High sensitivity which corrects low-light conditions and object movement.**

Takes excellent low-noise shots without flash in low-light conditions including indoor shots.

● F3.3 1/4 ISO: 800 (28mm)

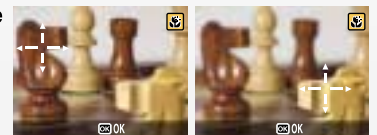


## 1cm MACRO

**Amazing macro performance captures most intricate details of small objects and flowers.**

Ricoh's state of the art macro function achieves exceptional images and astounding expressiveness. Macro shots as close as 1cm\* and close up shots as close as 14cm to the subject dramatically expand expressive range. What's more, even with the camera fixed in place the focus point can be freely shifted within the frame using AF Target Selection.

\* Equivalent to 31mm.



※ Image is simulated

● F3.6 1/11 ISO: 100



## RELEASE TIME LAG 0.007 sec.

**Snapshot performance that captures the moment.**

1.2 second\* startup time. 0.09\* second full shutter release time and 0.007\* second half-shutter release time, and 0.5\* until the next shutter release. Rapid shutter response means never missing a snapshot opportunity.

\* Time measurements with flash and Vibration Correction Function OFF.

● F4.8 1/250 ISO: 100 (85mm)



## CCD shift vibration correction function



▲ Zoomed shot with Vibration Correction ON



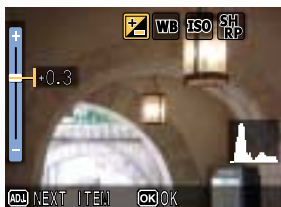
▲ Zoomed shot with Vibration Correction OFF

The CCD shift vibration correction function detects and compensates for camera shake, which means far fewer shots ruined due to camera shake when shooting in zoom and macro or in dark locations.

※ Photo simulates effectiveness of Vibration Correction that varies depending on shooting conditions.

※ Vibration correction is not guaranteed to work in all photographic conditions.

## Adjust button



※ Image is simulated

The camera has a button that makes switching between exposure correction, white balance, ISO sensitivity and other functions depending on the image you want to shoot. The most frequently used settings can be saved.

## Enlarge monitor icon function

You can enlarge icons on the monitor to make them easier to see. Enlarging flash, macro, exposure correction, and other settings



▲ Enlarged icon display

▲ Standard icon display

makes it easier to check and make sure you have the settings you want.

※ May differ from actual display

## Long-lasting 380 shot power\*

The camera's lithium-ion rechargeable battery enables shooting up to 380\* images even when using vibration correction and the LCD and means less worry about dead batteries when shooting during work or leisure. What's more, the camera's synchro monitor saves battery power by turning off the monitor when the camera is not in use.

\* Battery performance was measured using CIPA-standard parameters. Actual performance may vary according to usage conditions and the brand of the battery.

## 8 scene modes and my setting

Select from 8 ideal settings depending on the shooting scene, subject, and objective. Use the My Setting feature to save the values for your 2 most favorite settings.

- |                |                      |                       |
|----------------|----------------------|-----------------------|
| Portrait mode  | Nightscape mode      | Zoom macro mode       |
| Sports mode    | Skew correction mode | High sensitivity mode |
| Landscape mode | Text mode            | My Setting            |



▲ Portrait mode

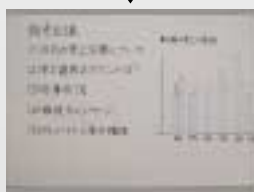


▲ Nightscape mode

## Other features

- Three continuous shooting modes: Continuous, S-Continuous, M-Continuous.
- Histogram light dispersion graphic display in the monitor displays exposure conditions at a glance.
- VGA, 30 fps moving image recording function records until memory is full.
- Auto bracket & white-balance bracket.
- Record date and time and other convenient functions.

## The many convenient features of the Caplio R5 make it an excellent business tool !!



### ◆ Skew correction

When you have to take a photo from an oblique direction like in a conference, the camera's skew correction automatically adjusts the angle so that it appears to be head on. This feature is great for photographing whiteboard, documents, business cards, and other rectangular objects perfectly centered in the frame. Images can be adjusted after shooting as well.

### ◆ PictBridge compatible

Shooting with PictBridge standard printers can be done without using a PC simply by connecting camera and printer with a USB cable.



### ◆ Report print

Reports in 6 different types and 10 patterns can be printed out when the camera is connected to Ricoh compatible printer\*.

\* For further details, please contact your local Ricoh dealer.

### Fun and easy image editing with Image Mixer\*(Windows edition)

The Caplio R5 comes with Image Mixer\* software for editing and correcting, album compiling, and creating video CDs of images downloaded into memory.

\* Image Mixer is a product of Pixela Corporation. For more information, visit the following Website: [www.imagemixer.com](http://www.imagemixer.com)

### Expand your photo life with DeskTopBinder Lite.

Once you've downloaded your Caplio R5 images to a computer, you can use this bundled software to edit, store and print your pictures.

# Enhanced technology in a compact design

## The Caplio R5: combining beauty and portability in a brand new shape

Specifications are everything for the legions of digital camera photographers who want to take expressive and beautiful photographs. Now 28mm to 200mm optical 7.1x zoom along with a precision aspherical lens, new image processing engine, and 7.24 mega-pixel resolution achieve even higher quality images all in one compact design. What's more, a vibration correction function means you can press the shutter without worrying about camera shake. With a sturdy, ultra-thin 26mm body perfectly shaped for holding and easy to use function buttons, the Caplio R5 is sure to satisfy photographers who insist on a camera that can deliver high-quality, expressive images.



※ Composition of illustration and image.

### Vibration correction and Ricoh's original Double-Retracting Lens System

The camera comes with CCD vibration correction that greatly reduces camera shake when shooting in both zoom and macro modes. What's more, the camera is equipped with a Double-Retracting Lens System developed by Ricoh, technology that makes optical 7.1x zoom in such a compact design possible.



### High-image quality with effective 7.24 mega-pixel CCD



In our quest for even better image quality, the Caplio R5 is equipped with effective 7.24 mega-pixel CCD to ensure clear, high-quality images even for A3 prints.

### Enhanced smooth imaging engine II

A new image-processing engine delivers rapid, high-volume processing and exceptionally low-noise images.



### Large 2.5 inch 230,000 pixel LCD

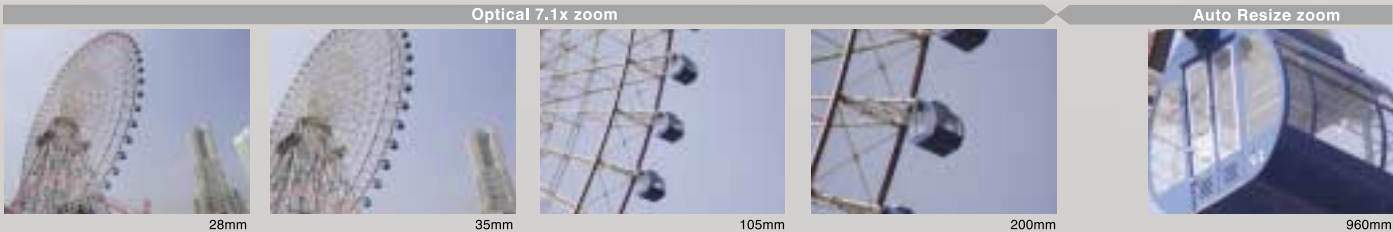


A large LCD that is easy to use even in outdoor conditions delivers high resolution, excellent wide-angle visibility, and high luminance.

※ Image is simulated

### Optical 7.1x zoom and Auto Resize zoom with a maximum 34.1x (equivalent to 960mm)\*1

Zoom exceeding the 200mm (optical 7.1x zoom) range can be set to one of four settings: 8.5x, 10.7x, 17.0x, and 34.1x\*2.



※ 1 VGA image size    ※ 2 Image different for each step.



## Caplio R5 Major Specifications

Item	Description
CCD	Effective 7.24 million pixels (total 7.41 million pixels), 1/2.5-inch primary-color CCD
Lens	Focal length: 14.6-33mm (equivalent to 28-200mm for 35mm cameras. When setting Step Zoom, seven fixed possible steps: 28mm, 35mm, 50mm, 85mm, 105mm, 135mm, and 200mm) Aperture (F value): F 3.3 (W)-4.8 (T)
Vibration Correction Function	CCD shift method
Zoom	Optical 7.1x zoom (equivalent to 28-200mm for 35mm film cameras); Digital zoom: 3.6x, Maximum: 25.6x (equivalent to 720mm) when used with optical zoom. Auto Resize zoom: 4.8x*1, Maximum: 34.1x*1 (equivalent to 960mm) when used with optical zoom.
Subject Distance	From lens tip: approx. 0.3m-∞ (Wide), approx. 1.0m-∞ (Telephoto)
Macro Subject Distance	From lens tip: approx. 0.01m-∞ (Wide), approx. 0.14m-∞ (Telephoto)
Shutter	Still 8, 4, 2, 1-1/2000 sec. Movie 1/30-1/2000 sec.
Pixels	Still 3072×2304, 3072×2048, 2592×1944, 2048×1536, 1280×960, 640×480 Text 3072×2304, 2048×1536 Movie 640×480 (30 frames/sec., 15 frames/sec.), 320×240 (30 frames/sec., 15 frames/sec.), 160×120 (30 frames/sec., 15 frames/sec.)
Picture Mode*2	Fine, Normal
ISO Sensitivity	Auto, ISO64, ISO100, ISO200, ISO400, ISO800, ISO1600
Flash	Flash Off / Auto / Red-eye reduction / Forced Flash / Flash Synchro Distance:*3 Approx. 0.2-2.4m (W), 0.14-1.8m (T) (ISO auto)
Focus	Autofocus, Manual Focus, Fixed Focus (Snap), ∞ (includes AF auxiliary light)
Exposure Adjustment	TTL-CCD Metering Method: Multi (256 segments), Center Weight, Spot
Exposure Compensation	Manual compensation (+2.0-2.0 EV in 1/3 EV steps), Auto-bracket (-0.5 EV, ±0, +0.5 EV)
White Balance	Auto/Fixed (Outdoors, Cloudy, Incandescent Lamp, Incandescent Lamp2, Fluorescent Lamp, Manual settings) / White Balance Bracket
Recording Media	SD Memory Card™ (32/64/128/256/512MB/1GB/2GB), Multi Media Card™, Internal Memory 26MB
Storage Capacity (No. of Pictures)*4	Still 3072×2304 (Fine: 9, Normal: 16), 3072×2048 (Fine: 10), 2592×1944 (Fine: 13, Normal: 22), 2048×1536 (Fine: 18, Normal: 35), 1280×960 (Fine: 32, Normal: 62), 640×480 (Normal: 276)
Storage Capacity (Time) (Internal 26MB Memory)	Movie 19 seconds (640×480: 15 frames/sec.), 1 minutes 16 seconds (320×240: 15 frames/sec.),*5 4 minutes 28 seconds (160×120: 15 frames/sec.) 9 seconds (640×480: 30 frames/sec.), 39 seconds (320×240: 30 frames/sec.), 2 minutes 26 seconds (160×120: 30 frames/sec.)
Storage Data Capacity (File Sizes)	Still 3072×2304 F: 2.54MB/Screen N: 1.48MB/Screen, 3072×2048 F: 2.28MB/Screen, 2592×1944 F: 1.84MB/Screen N: 1.06MB/Screen, 2048×1536 F: 1.32MB/Screen N: 0.72KB/Screen, 1280×960 F: 0.68KB/Screen N: 0.35KB/Screen, 640×480 N: 0.83KB/Screen (Sizes are approximate.)
Recording Mode	Still mode (Still, Continuous, S-Continuous, M-Continuous), Scene mode (Portrait, Sports, Landscape, Nightscape, Skew Correction, Text, Zoom Macro, High-sensitivity, My Setting 1, 2s), Movie mode.
Recording Format	Still JPEG (Exif ver. 2.21) DCF*6 compliant Text TIFF (Exif ver. 2.21) DCF*6 compliant Movie AVI (Open DML Motion JPEG format compliant) Sound WAV (Exif ver. 2.21 μ low)
LCD Monitor	2.5" Transparent amorphous silicon TFT LCD (approx. 230,000 pixels)
Self Timer	Delay: 10sec., 2sec.
Interval Timer	Shooting interval: 5 sec. - 3 hours (5 sec. steps)*7
PC Interface	USB2.0 (Hi-Speed USB) mini-B, (choice of Ricoh original or mass storage driver*8)
AV Interface	Audio Out, Video Out
Video Signal Method	NTSC/PAL
Dimensions (W×H×D)	96.0(W)×55.0(H)×26.0mm (D) (excluding projections)
Weight	Approx. 140g (without battery, SD memory card, hand strap), Accessories approx. 30g (rechargeable battery, hand strap)
Power Source	rechargeable battery (DB-60)×1, AC adaptor (AC-4c)
Shooting Capacity*9	Using DB-60: Approx. 380 pictures
Operating Temperature	0°C-40°C

- \*1: VGA image size.
- \*2: Only F (Fine) is available for 3072×2048 size. Only N (Normal) is available for 640×480 size.
- \*3: Distance is valid when ISO auto are set.
- \*4: Estimated number of still images it is possible to record
- \*5: Maximum recording time of 330 min, 42 sec. is possible with a 2 GB SD card.
- \*6: DCF is the abbreviation of JEITA Standard "Design rule for Camera Files system."  
(It does not guarantee perfect inter-camera compatibility.)
- \*7: With flash OFF.
- \*8: Mass storage driver is compatible with Windows Me/2000/XP and Mac OS 9.0-9.2.2 / Mac OS X 10.1.2-10.4.6. It is not compatible with Windows 98/98SE or Mac OS 8.6.
- \*9: Shooting capacity was measured using CIPA-standard parameters. This is only an estimate, and performance may vary according to usage conditions.

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- Compatible with EPSON PRINT Image Matching III. ● All other trademarks mentioned herein are the property of their respective owners.



## Caplio R5 Optional Accessories

Accessory Name
Rechargeable Lithium-Ion Battery: DB-60
Battery Charger: BJ-6
AC Adapter: AC-4c*10
Soft Case: SC-60

\*10: Tripods cannot be used when AC adapter is attached.

## Caplio R5 Software

	Windows XP	Windows 98/98SE/2000/Me	Mac OS X 10.1.2-10.4.6	Mac OS 8.6-9.2.2
1. RICOH Gate La	○	○	×	○
2. Image Mixer 1.6	○	○	×	×
3. USB Driver*11	○	○	○	○
4. WIA Driver	○	×	×	○
5. Caplio Mounter	×	×	○	×
6. Acrobat Reader	○	○	×	×
7. Direct X	○	○	×	×
8. Desk Top Binder Lite	○	○*12	×	×

\*11: Ricoh original.

\*12: Compatible with Windows 98SE/2000/Me. Not compatible with Windows 98.

## Caplio R5 System requirement

	Windows	Macintosh
Operating system	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 10.1.2-10.4.6
CPU	Pentium III 500MB or more	Power PC or faster
Memory Space	Windows 98/98SE: 128MB or more Windows 2000 Professional: 128MB or more Windows Me: 128MB or more Windows XP Home Edition/XP Professional: 256MB or more	Mac OS 8.6-9.2.2: 96MB or more (128MB or more recommended) Mac OS X 10.1.2-10.4.6: 128MB or more (256 MB or more recommended)
Hard Disk Space	Windows 98/98SE: 500MB or more (during installation) Windows 2000 Professional: 500MB or more (during installation) Windows Me: 500MB or more (during installation) Windows XP Home Edition/XP Professional: 500MB or more (during installation)	Mac OS 8.6-9.2.2: 10MB or more (during installation) Mac OS X 10.1.2-10.4.6: 100 MB or more (during installation and operation)
Display	Resolution: 640×480 dots or more, 256 colors or more (800×600 dots or more, 65,000 colors or more recommended)	Resolution: 640×480 dots or more, 256 colors or more (800×600 dots or more, 32,000 colors or more recommended)
Other	USB port, keyboard, CD-ROM drive, mouse required	USB port, keyboard, CD-ROM drive, mouse required

\* Only USB connection is available when connecting Caplio R5 to a PC. Serial connection is unavailable.

\* Valid for systems with preinstalled OS and USB port.

\* Supplied software can be used for Caplio R30, R3, R40, R4, GR DIGITAL, GX8, R2, R1V, RZ1, R1, GX, RX, G4 series, 300G, 400Gwide, 500Gwide 500SE, and RR30, Caplio G3 model S is not compatible with Macintosh.

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

Mode	Recording pixels	Picture mode	Built-in memory	64MB	128MB	256MB	512MB	1GB	2GB
Still	3072×2304	Fine	9 images	22 images	44 images	88 images	178 images	343 images	698 images
		Normal	16 images	37 images	76 images	152 images	308 images	592 images	1205 images
	2592×1944	Fine	10 images	24 images	49 images	99 images	200 images	385 images	778 images
		Normal	13 images	30 images	62 images	123 images	249 images	479 images	975 images
	2048×1536	Fine	13 images	30 images	62 images	123 images	249 images	479 images	975 images
		Normal	22 images	53 images	107 images	213 images	430 images	828 images	1661 images
	1280×960	Fine	18 images	43 images	87 images	173 images	349 images	671 images	1366 images
		Normal	35 images	83 images	169 images	338 images	682 images	1313 images	2671 images
	640×480	Fine	32 images	78 images	158 images	317 images	640 images	1232 images	2457 images
		Normal	62 images	147 images	300 images	599 images	1208 images	2323 images	4769 images
	320×240	Fine	276 images	644 images	1303 images	2598 images	5236 images	10071 images	20476 images
		Normal	16 images	37 images	76 images	152 images	308 images	592 images	1205 images
Text	3072×2304	—	16 images	37 images	76 images	152 images	308 images	592 images	1205 images
		—	35 images	83 images	169 images	338 images	682 images	1313 images	2671 images
	2048×1536	—	16 images	37 images	76 images	152 images	308 images	592 images	1205 images
		—	35 images	83 images	169 images	338 images	682 images	1313 images	2671 images
Movie	640×480 (15frames/sec.)	00'19"	00'46"	1'33"	3'05"	6'14"	11'59"	24'23"	
		00'09"	00'23"	00'46"	1'33"	3'08"	6'02"	12'16"	
	320×240 (30frames/sec.)	1'16"	2'58"	5'59"	11'57"	24'05"	46'19"	94'11"	
		00'39"	1'31"	3'04"	6'07"	12'19"	23'42"	48'13"	
	160×120 (15frames/sec.)	4'28"	10'25"	21'03"	41'58"	84'33"	162'36"	330'42"	
		2'26"	5'40"	11'27"	22'50"	46'01"	88'31"	180'02"	
	320×240 (30frames/sec.)	—	—	—	—	—	—	—	
		—	—	—	—	—	—	—	

\* Number of recordable pictures and recordable time may vary depending on the manufacturer of an SD memory card and shooting conditions.

Average number of images and time.

For more information, visit:

[http://www.ricoh.com/r\\_dc](http://www.ricoh.com/r_dc)

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