RICOH

Caplio R6

An instrument in tune with your senses

28 - 200mm optical 7.1x zoom

28-200mm
Optical 7.1x Zoom

7.2 Megapixel CCD

New Face Recognition Mode

CCD Shift Vibration Correction

1cm Macro & 25cm Tele Macro

High Sensitivity ISO 1600

28mm WIDE

Experience the stunning interplay of time and light with 28mm wide angle photography.

● F5.0 1/1230 ISO: 100 (28mm)

Experience the superior lens performance and cutting-edge zoom that is the hallmark of Ricoh optical technology.

Step Zoom & Auto Resize Zoom for more picture taking possibilities and greater expressive range.

The Caplio R6 includes an optional 7 automatic step zoom settings within the wide angle 28 – 200mm zoom range. What's more, when going beyond 200mm optical 7.1x zoom, the 4-step[*1] 34.1x (960mm)[*2] maximum Auto Resize Function enables picture taking at distances out of reach of normal zoom.

Optical 7.1x zoom ──────────────────────────────► Auto Resize zoom ──►

| 28mm (1.0 x) | 35mm (1.25 x) | 135mm (4.8 x) | 200mm (7.1 x) | 960mm (34.1 x) |

[*1] Image different for each step   [*2] VGA image size

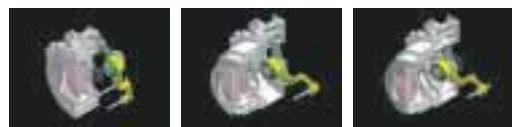### Stand alone lens performance with Ricoh optical technology

Ricoh lenses include the latest coating technology to minimize ghost and flare. They also ensure excellent color balance and a high-quality image across the whole distance of a shot. The Caplio R6 uses an aspherical lens that corrects for all types of lens aberration and achieves excellent picture taking performance at all focal points and distances.

Double Retracting Lens System in a 20.6mm wide body

Ricoh's unique Double Retracting Lens System is what makes it possible for us to equip the Caplio R6 with 28-200mm optical 7.1x zoom. What's more design advances mean this outstanding technology fits inside a body a mere 20.6mm thick.

※ At thinnest position

Record moments of beauty just as they are. Preserve forever the rich expression of a loved one in all its vividness.

200mm TELE

● F5.2 1/68 ISO: 100 (200mm)

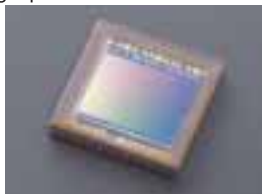# A superb image processing engine and CCD and an even more advanced body design.

Superior technology makes the Caplio R6 more compact, more beautiful, and a camera that you can always rely on to capture the image you want.

Ricoh's unique Double Retracting Lens System makes it possible to equip the Caplio R6 with 28-200mm optical 7.1x zoom in its remarkably slim 20.6mm body (when fully retracted). A thin body means an even more comfortable hand held camera, as well as one that emphasizes durability. The innovative curves and lines of its curve fit form and buttons positioned for one-hand operation achieve a superb body design that becomes a natural extension of your hand each time you take a picture. The Caplio R6 takes the functionality, reliability, and quality that are a must for a digital camera to a whole new level.

Smooth Imaging Engine II & high megapixel CCD

The Caplio R6 contains Ricoh's Smooth Imaging Engine for rapid image processing large amounts of image data with minimal noise. The camera also comes with an effective 7.24 megapixel CCD for accurately reproducing beautiful images. The Caplio R6 can also create beautiful high-image quality A3 size photographs.

A large high resolution, high angle, and bright 2.7 inch 230,000 pixel LCD

The Caplio R6 has a high resolution, high angle, and bright 2.7 inch 230,000 pixel LCD. The easy to view display makes taking pictures outdoors easier than ever. Display icons are also easy to see.

※ Image is simulated

Convenient features and Ricoh's reputable ADJ button

The Caplio R6 also has Ricoh's ADJ (adjust) button so that the photographer can easily check exposure correction, white balance, ISO sensitivity, and other settings when taking a picture. The camera has a range of features that make it easy to take the picture you have in mind. What's more, favorite settings can be saved and recorded for later use.

Now saving those precious moments and memories is more fun and easy than ever.

▲ Face Recognition Mode ON ● F5.2 1/52 ISO: 100 (200mm)

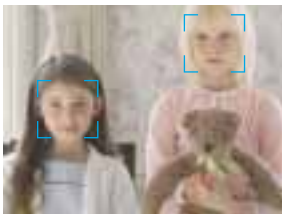## Face Recognition Mode makes taking beautiful pictures easy

▲ Face Recognition Mode OFF

Face Recognition Mode automatically identifies faces in a scene, brings them into clear focus and corrects exposure while adjusting for optimal white balance.
Face Recognition Mode automatically adjusts to optimal settings even when a face is not in the center of the frame and can capture up to four faces in a single shot.

※ Face Recognition Mode is not guaranteed to work in all photographic conditions.

※ Image is simulated

CCD shift hand vibration correction

When hand shake is detected the CCD moves to counterbalance the shake. An improved controlling algorithm reduces the hand shake that tends to occur when taking telephoto, macro, and other shots.

※ Photo simulates effectiveness of Vibration Correction that varies depending on shooting conditions.
※ Vibration correction is not guaranteed to work in all photographic conditions.

▲ Zoomed shot with Vibration Correction ON
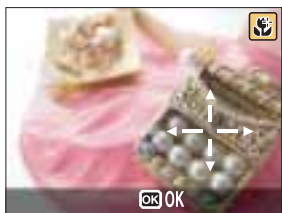

▲ Zoomed shot with Vibration Correction OFF

Amazing 1cm macro & 25cm tele macro

Photograph a subject as clsoe as 1cm with the lens at its widest angle*and up to 25cm in tele macro. Take long distance shots (200mm) without blurry backgrounds and achieve photos with the same rich expression that you intended. For macro shots, you can use AF Target Selection to focus without moving the camera.

＊Equivalent to 31mm.

● F5.2 1/14 ISO: 100 (200mm)

※ Image is simulated

The Caplio R6 has a complete range of functions and features to meet the needs of every setting and photographer.

Capture every moment with split second continuous shooting.

The Caplio R6 powers up in only 1.2 seconds*, has a shutter release time lag of 0.011 seconds*, and resets for your next picture in 0.5 seconds*. Fast response times means you won't miss that once in a lifetime shot. Even children at sporting events and favorites pets at play can be photographed without missing a moment of action. ∗Time measurements with flash and Vibration Correction Function OFF.

● F5.4 1/620 ISO: 100 (33mm)

Ultra-sensitive ISO with AUTO Mode

ISO sensitivity (maximum 1600) means you can take clear pictures with minimal noise even in evening and dark indoor settings. What's more the ISO AUTO Mode automatically adjusts for brightness up to the ISO maximum of 1600. By selecting AUTO-HI from the ISO sensitivity settings menu, you can configure the ISO sensitivity upper limit to AUTO400, 800 or 1600.
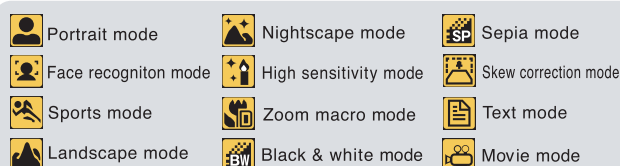
● F3.3 1/10 ISO: 800 (28mm)

A wide selection of scene settings

Broaden your expressive range by choosing from a wide selection of ideal scene settings depending on the scene, subject, and composition of the picture you want to take.

Sepia mode ▶

Portrait mode	Nightscape mode	Sepia mode
Face recogniton mode	High sensitivity mode	Skew correction mode
Sports mode	Zoom macro mode	Text mode
Landscape mode	Black & white mode	Movie mode

Skew correction function

The Skew Correction function enables you to take pictures from an angle as if it were taken directly in front, a very useful feature in settings such as a business conference. Skew Correction enables you to take images of projection screens, white boards, desktop documents, business cards and other square and rectangular objects without any distortion. Images can be corrected after they are recorded as well.

My Setting function

With the My Setting feature you can save your favorite settings and select them the next time you want to use them for a picture. Up to two settings can be saved.

Enlarged icon display

You can enlarge display icons for easier viewing, a convenient way to check settings and avoid mistakes.

※ May differ from actual display

Highlight Display function

Pressing the DISP. Button when doing quick review or in playback mode switches on the highlight display so that you can check the highlighted sections of an image.

∗ Our highlight display is the standard.

Dual Size recording and shooting

You can simultaneously record an original size still image and a smaller image size sub-file (320: settings at time of purchase are 480/640/ 1280). Use original size when editing your image on a computer and for printing. Use the sub-file image when doing things such as sending pictures as email attachments or uploading images to blogs.

Compatible with SDHC and other memory cards

The Caplio R6 is compatible with SDHC SD memory cards, making it possible to save more image data than before. The camera also comes installed with 54MB of memory.

Other features

● Ample power supply, up to 330 shots[1]
● Total three types of continuous shooting function are available. Besides normal continuous shooting, there are S-continuous and M-continuous shooting modes which can be displayed in 16 partition images.
● High-quality movie function with VGA 30fps
● Batch delete function & 10 image skip function
● PictBridge compatible ………………………………… PictBridge
● Ricoh printer compatible form print function[2]

∗1 Battery performance was measured using CIPA-standard parameters. Actual performance may vary according to usage conditions and the brand of the battery.
∗2 For further details, please contact your local Ricoh dealer.

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

Red
Black
Silver

〈Accessories Included 〉
① USB Cable
② AV Cable
③ CD-ROM
④ Hand Strap
⑤ Rechargeable Lithium-Ion Battery: DB- 70
⑥ Battery Charger: BJ-7

● Instruction Manuals (Camera, Introduction)＊ Warranty Card

＊ Software manual supplied on CD-ROM

■Caplio R6 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: f4.6-33mm (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 (Wide-angle)-5.2 (Telephoto)
Vibration Correction Function	CCD shift method
Zoom	Optical 7.1×zoom (equivalent to 28-200mm for 35mm film cameras); Digital zoom: 4.8×, Maximum: 34.1×(equivalent to 960mm) when used with optical zoom. Auto Resize zoom: 4.8×[*1], Maximum: 34.1×[*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. 0.25m -∞ (Telephoto), approx. 0.01m -∞ (Zoom Macro)
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 (Standard Output Sensitivity)	AUTO, AUTO-HI, ISO64 / ISO100 / ISO200 / ISO400 / ISO800 / ISO1600
Flash	Flash Off /Auto / Red-eye Flash / Flash On / Flash Synchro / Soft Flash Distance:[*3] Approx. 0.2-3.0m (W), 0.25-2.0m (T) (ISO auto)
Focus	Autofocus, Manual Focus, Fixed Focus (Snap), ∞
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 [*4]	SD Memory Card™ (32/64/128/256/512MB/1GB/2GB), SDHC Memory Card™(4GB) Multi Media Card™, Internal Memory 54MB
Storage Capacity (No. of Pictures) (Internal 54MB Memory)	Still 3072×2304 (Fine: 19, Normal: 34), 3072×2048 (Fine: 22), 2592×1944 (Fine: 27, Normal: 47), 2048×1536 (Fine: 38, Normal: 74), 1280×960 (Fine: 70, Normal: 133), 640×480 (Normal: 580)
Storage Capacity (Time) (Internal 54MB Memory)	Movie 51 seconds (640×480: 15 frames/sec.), 2 minutes 40 seconds (320×240: 15 frames/sec.), 9 minutes 23 seconds (160×120: 15 frames/sec.) 26 seconds (640×480: 30 frames/sec.), 1 minutes 22 seconds (320×240: 30 frames/sec.), 5 minutes 6 seconds (160×120: 30 frames/sec.)
Storage Data Capacity (File Sizes)	Still 3072×2304 F: 2.57MB/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: 672KB/Screen, 1280× 960 F: 686KB/Screen N: 356KB/Screen, 640×480 N: 83KB/Screen (Sizes are approximate.)
Recording Mode	Still mode (Still, Continuous, S-Continuous, M-Continuous), Scene mode (Portrait, Face Recognition, Sports, Landscape, Nightscape, High-sensitivity, Zoom Macro, B&W, Sepia, Skew Correction, Text, Movie) My Setting 1, 2s
Recording Format	Still JPEG (Exif ver. 2.21) DCF[*5] compliant Text JPEG (Exif ver. 2.21) DCF[*5] compliant Movie AVI (Open DML Motion JPEG format compliant) Sound WAV (Exif ver. 2.21 μ law)
LCD Monitor	2.7" 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)[*6]
PC Interface	USB2.0 Hi-speed (Mini B cable), (choice of Ricoh original or mass storage driver[*7])
AV Interface	Audio Out, Video Out
Video Signal Method	NTSC/PAL
Dimensions (W×H×D)	99.6(W)×55.0 (H)×23.3mm (20.6 at the thinnest part) (D) (excluding projections)
Weight	Approx. 135g (without battery, SD memory card, hand strap) Accessories approx. 26g (rechargeable battery, hand strap)
Power Source	rechargeable battery (DB-70)× 1,
Shooting Capacity [*8]	Using DB-70: Approx.330 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: When the flash range is set for ISO auto.
＊ 4: Estimated number of still images it is possible to record
＊ 5: DCF is the abbreviation of JEITA Standard "Design rule for Camera Files system."
＊   (It does not guarantee perfect inter-camera compatibility.)
＊ 6: With flash off.
＊ 7: Mass Storage driver is compatible with Windows Me/2000/XP/Vista, Mac OS9.0-9.2.2, and, Mac OSX 10.1.2-10.4.8.
      It is not compatible with Windows 98SE.
＊ 8: 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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■Caplio R6 Optional Accessories

Accessory Name
Rechargeable Lithium-Ion Battery: DB-70
Battery Charger: BJ-7
Soft Case: SC-70

■Caplio R6 Software

	Windows Vista	Windows XP	Windows 2000/Me/98SE
1. RICOH Gate La	○	○	○
2. Irodio Photo & Video Studio	○	○	○
3. USB Driver [*9]	×	○	○
4. WIA Driver	×	○	×
5. Acrobat Reader	○	○	○
6. Desk Top Binder Lite	×	○	○

＊ 9: Ricoh original.
※ For Support of Windows Vista, please look at our homepage (http://www.ricoh.com/r_dc/).

■Caplio R6 System requirement

	Windows
Operating system	Windows 98 Second Edition Windows 2000 Professional Windows Me Windows XP Home Edition / Professional Windows Vista
CPU	Pentium III 500MHz or faster, Pentium III 1GHz or faster(Windows Vista)
Memory Space	Windows 98SE: 256MB or more Windows 2000: 256MB or more Windows Me: 256MB or more Windows XP: 256MB or more Windows Vista: 512MB or more
Hard Disk Space	Windows 98SE: 160MB or more (during installation) Windows 2000: 160MB or more (during installation) Windows Me: 160MB or more (during installation) Windows XP: 160MB or more (during installation) Windows Vista: 160MB or more (during installation)
Display Resolution	1024×768 pixels or greater
Display Colors	65,000 colors or greater
CD-ROM Drive	A CD-ROM drive compatible with the above-mentioned computer
USB Port	A USB port compatible with the above-mentioned computer

※ Only USB connection is available when connecting Caplio R6 to a PC. Serial connection is unavailable.
※ Valid for systems with preinstalled OS and USB port.
※ Caplio R6 is possible to use for Mac OS 9.0 to 9.2.2 and Mac OS X 10.1.2 to 10.4.8 by Mass Storage Connection.

■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	19 images	22 images	44 images	88 images	178 images	343 images	698 images
		Nomal	34 images	37 images	76 images	152 images	308 images	592 images	1205 images
	3072×2048	Fine	22 images	24 images	49 images	99 images	200 images	385 images	778 images
	2592×1944	Fine	27 images	30 images	62 images	123 images	249 images	479 images	975 images
		Nomal	47 images	53 images	107 images	213 images	430 images	828 images	1661 images
	2048×1536	Fine	38 images	43 images	87 images	173 images	349 images	671 images	1366 images
		Nomal	74 images	83 images	169 images	338 images	682 images	1313 images	2671 images
	1280×960	Fine	70 images	78 images	158 images	317 images	640 images	1232 images	2457 images
		Nomal	133 images	147 images	300 images	599 images	1208 images	2323 images	4726 images
	640×480	Nomal	580 images	644 images	1303 images	2598 images	5236 images	10071 images	20476 images
Text	3072×2304	—	34 images	37 images	76 images	152 images	308 images	592 images	1205 images
	2048×1536	—	74 images	83 images	169 images	338 images	682 images	1313 images	2671 images
Movie	640×480 (15frames/sec.)		00'51"	00'57"	1'56"	3'51"	7'46"	14'57"	30'24"
	640×480 (30frames/sec.)		00'26"	00'28"	00'58"	1'56"	3'55"	7'31"	15'19"
	320×240 (15frames/sec.)		2'40"	2'58"	5'59"	11'57"	24'05"	46'19"	94'11"
	320×240 (30frames/sec.)		1'22"	1'31"	3'04"	6'07"	12'19"	23'42"	48'13"
	160×120 (15frames/sec.)		9'23"	10'25"	21'03"	41'58"	84'33"	162'36"	330'42"
	160×120 (30frames/sec.)		5'06"	5'40"	11'27"	22'50"	46'01"	88'31"	180'02"

※ 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

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