RICOH

CX6

f=28mm 1/540sec F3.5 ISO100 EV+0.3 WB: Multi-P AUTO

It's time to go.
Enjoy the walk, enjoy the pictures.

THERE ARE GOOD
OUT THERE,
YOU CAN TAKE T

PICTURES

HEM.

Good pictures are those taken from your perspective, honestly expressing what you feel. Even in familiar scenes, there is a world of discoveries you will want to show people. So take the new CX6 with you and go out for an enjoyable walk. Recalling memories that are all your own, take some good pictures to share with others.

Catch My Moment
Walk with me. Inspire me.

RICOH CX6   Go

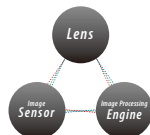f=28mm 1/380sec F3.5 ISO200 EV+0.3 WB: Multi-P AUTO

QUALITY

Capture the moment in pure, high image quality. Recreate the beauty as you saw it.

The CX6 features Smooth Imagining Engine IV advanced image processing as well as a back-illuminated CMOS image sensor able to brightly reproduce even low-light scenes. In combination with a noise reduction function which reduces the noise that occurs in high-sensitivity shooting, this technology means that the CX6 renders poorly lit indoor and night scenes in pure, unblemished quality, as of course are brightly lit subjects. In addition, super-resolution technology produces high-resolution image quality for everything from normal photography to zoom and macro shooting.

*The time to record an image varies depending on the noise reduction setting.

RICOH Pure Image Quality Technology

The imaging philosophy that lies at the root of all Ricoh digital cameras: not just "high image quality" but "pure image quality, true to what is perceived by the naked eye." This is achieved through three core technologies—a low-distortion lens with true-to-life imaging properties, an image sensor with superior high-sensitivity performance, and an imaging engine that reproduces images in minute detail—that have been designed and developed as a single mechanism, offering unsurpassed resolution and faithful, unaffected color reproduction.

Lens

Image Sensor

Image Processing Engine

f=50mm 1/500sec F8.7 ISO100 EV±0 WB: AUTO

SPEED

The moment you point the camera, the subject is in focus: Ultra-high-speed autofocus. `New`

Combining Contrast AF with an AF sensor for continuously measuring the distance between camera and subject, Ricoh's unique hybrid AF system has taken another step forward. Not only at 28 mm wide-angle but also 300 mm telephoto, the CX6 achieves fast AF focus times of 0.1 sec.* Throughout the entire zoom range, you will be sure to capture that fleeting shutter chance.

*AF focusing times were measured under Ricoh measurement conditions.

f=43mm 1/164sec F4.2 ISO100 EV+1.0 WB: AUTO

Autofocus operates even during continuous shooting: AF continuous. `New`

There is a world that can't be seen with the naked eye, a world filled with new discoveries just waiting for you. In addition to continuous shooting at 5 and 120 frames/sec., the CX6 adds the AF continuous function. At speeds of up to 3 frames/sec., it focuses for each individual photo shot continuously while the shutter release button is pressed.

*Continuous shooting speed will vary depending on shooting conditions, card type, card condition, etc.

GOOD PICTURES ARE THE PRODUCT OF CURIOSITY, A GOOD TOOL, AND A LIT

Creative shooting modes `New`

This function makes it easy to enjoy a variety of creative effects. In total, there are seven options, including the new Bleach Bypass as well as Miniaturize, Soft Focus, Cross Process, Toy Camera, High Contrast B&W, and Dynamic Range Double Shot.
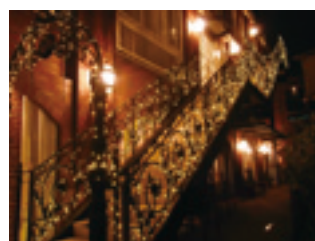
Bleach bypass

Miniaturize

13 Scene modes

Scene modes give you easy access to whole suites of photographic techniques specifically adapted to your subject. In total, there are 13 modes, including Cooking mode to make sure your food photos look especially delicious, Night Landscape Multi-shot mode for great night scenes, and Fireworks mode to beautifully capture fireworks in the night sky.

Cooking

Night landscape multi-shot

ZOOM

From wide-angle to telephoto:
10.7x 28-300 mm optical zoom
+ SR 600 mm zoom.

Ricoh's original retracting lens system made it possible to fit the high-magnification 10.7x optical wide-angle zoom lens in a thin 28.5 mm body that is both easy to carry and easy to use. This lens can handle a wide range of shooting situations, including shooting of expansive landscapes and powerful telephoto shots as well as wide-angle shooting of interior scenes with limited distance between camera and subject. The CX6 also comes equipped with a super-resolution zoom. This zoom enables telephoto shooting at 600 mm equivalent with minimal degradation in image quality.

28mm

300mm

600mm

MACRO

Macro mode brings you closer,
ever closer, for shots as little as 1 cm away.

Capture a beautiful world that goes unnoticed until it is magnified using photo expression techniques such as background blurring. Macro shooting will teach you new ways to enjoy photography. Getting as close as 1 cm for wide-angle and 28 cm for telephoto, you can enjoy shooting powerful images that are only possible with macro.

*31 mm equivalent for wide-angle and 300 mm equivalent for telephoto.

For a more powerful and expressive image:
Aperture/shutter priority (A/S) mode. `New`

Aperture priority (A) mode and shutter priority (S) mode have been newly added. You can expand your range of expression with various techniques: select open or minimum for the aperture to change the level of background blurring, adjust the shutter speed to freeze moving subjects or to emphasize movement by causing the background to flow, etc.

f=31mm 1/143sec F3.7 ISO100 EV±0 WB: Multi-P AUTO

Shutter speed priority

Person? Landscape? Close-up?
The CX6 will decide with
the scene auto mode (S-AUTO).

By just pointing the camera, "scene auto mode" will switch to the optimum shooting settings. The camera identifies the type of scene being photographed (portrait, sports, night portrait, landscape, nightscape, macro mode, etc.) and automatically switches to the optimum shooting settings. As a result, you enjoy quick and easy photography fine tuned to the specific scene.

Snap Movie and other fun movie functions,
including HD movie shooting. `New`
Use the new movie button to easily shoot image-size 1280 x 720 pixel high-definition movies. Especially for shooting short movies, the snap movie function lets you shoot with a still-photography sensibility but create delightful movies.

Image sensor shift image stabilizer
The image stabilizer reduces blur in close-ups, telephoto shots, and other situations in which such problems are likely to occur.

Electronic level
The level indicator and the level sound can be used to check whether the camera is level.

TLE LUCK. CASUAL, CREATIVE, COMPACT PLUS ULTRA-HIGH-SPEED AF: CX6

For easy framing during telephoto shooting:
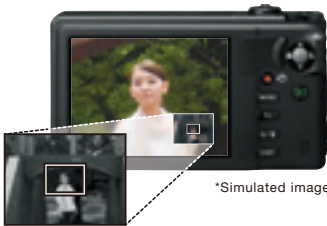### Zoom assist display. `New`

During telephoto shooting, the zoom assist display function lets you check the zooming area by displaying the zoom assist picture and zooming area frame in the lower right corner of the picture display. By looking at the zoom assist picture, you can check to see where you have zoomed to so you won't lose sight of your target subject during telephoto shooting. *The zoom assist display appears when the focal length is 93mm or higher. The image displayed is equivalent to an 85 mm focal length.

Large, high-brightness
3.0-inch 1.23-million-dot VGA LCD monitor `New`
The CX6 features a high-brightness LCD monitor that is about 1.7 times brighter than the previous model so it is easy to see even outdoors. With the new automatic LCD brightness adjustment function, the camera automatically adjusts brightness. This minimizes loss of visibility caused by changes in the shooting environment.
*White pixels added to RGB for approximately 1.23 million dots.

*Simulated image.

Eye-Fi card linking function
The CX6 is compatible with Eye-Fi cards (X2 Series), SD memory cards with built-in wireless LAN functionality. An icon will appear to display the communications status while an Eye-Fi card is being used.
*For more information on Eye-Fi cards, visit the Eye-Fi webpage (http://www.eyefi.co.jp).

*Focal lengths indicated are 35 mm film camera equivalents.

*Cooperation: Country Farm Tokyo German Village,
MLB cafe TOKYO, Rue favart

< Accessories included >

- USB Cable
- AV Cable
- Hand Strap
- Rechargeable Lithium-Ion Battery(DB-100)
- Battery charger (BJ-10)
- Instruction Manual(Camera User Guide) *Warranty Card

Black | **Silver** | **Pink**

■CX6 Major Specifications

Item		Specifications
Effective pixels		Approximately 10.00 million
Image sensor		1/2.3-inch CMOS sensor (total pixels: approx. 10.60 million)
Lens	Focal length	f=4.9-52.5 mm (Equivalent to 28-300 mm for 35 mm film cameras. With step zoom set, option of 8 fixed lengths: 28 mm, 35 mm, 50 mm, 85 mm, 105 mm, 135 mm, 200 mm, and 300 mm.)
	F-aperture	F3.5 (wide-angle) – F5.6 (telephoto)
	Shooting distance (from front of lens)	Normal shooting: Approx. 30 cm - infinity (wide-angle), approx. 1.5 m – infinity (telephoto) Macro shooting: Approx. 1 cm - infinity (wide-angle), approx. 28 cm - infinity (telephoto), approx. 1 cm - infinity (zoom macro)
	Construction	10 elements in 7 groups (4 aspherical lens elements with 5 surfaces)
Zoom		Optical zoom: 10.7x (Equivalent to 28-300 mm for 35 mm film cameras.) Super-resolution zoom: 2.0x, up to 21.4x (equivalent to 600 mm) when used with optical zoom Digital zoom: 4.8x, up to 103x (equivalent to 2880 mm) when used with optical zoom and super-resolution zoom Auto resize zoom: 5.7x*1, up to 61.0x*1 (equivalent to 1710 mm) when used with optical zoom
Focus Modes		Multi AF / Spot AF / Face-Priority Multi AF (Contrast AF method, with AF Auxiliary Light), Subject tracking AF / Multi-target AF (Contrast AF method), MF / Snap / ∞ (Fixed-focus method)
Image stabilizer		Image sensor shift method image stabilizer
Shutter speed	Still image *2	8, 4, 2, 1 - 1/2000 sec.
	Movie	1/30 – 1/2000 sec.
Continuous shooting	Continuous shooting speed*3	Approx. 5 frames/sec. (when shooting 10M 4:3F, the speed from the 12th shot on is 3 frames/sec.)
	Continuous shooting capacity	999 pictures
Exposure control	Exposure metering mode	Multi (256-segment) / Center-weighted Light Metering / Spot Metering
	Exposure mode	Program AE / aperture priority (A) mode / shutter-speed priority (S) mode
	Exposure compensation	Manual (-2.0 to +2.0 EV in increments of 1/3 EV) / Auto Bracketing (-0.5 EV, ±0, +0.5 EV)
ISO sensitivity (standard output sensitivity)		Auto / ISO 100 / ISO 200 / ISO 400 / ISO 800 / ISO 1600 / ISO 3200
White Balance Mode		Auto / Multi-pattern Auto / Outdoors / Cloudy / Incandescent 1 / Incandescent 2 / Fluorescent / Manual, White balance bracket function
Flash	Flash mode	Auto, Anti Red-eye, Flash On, Flash Synchro, Flash Off
	Flash range	Approx. 20 cm – 4.0 m (wide-angle), approx. 28 cm – 3.0 m (telephoto) (Auto ISO with maximum ISO of 1600; measured from front of lens.)
	Flash compensation	±2.0 EV in 1/3 EV steps
Monitor		3.0-inch transparent LCD (approx. 1.23 million dots)
Shooting mode	Still image	Auto / My Settings / Aperture/Shutter-Speed Priority / Continuous / Creative Shooting (Dynamic Range Double Shot, Miniaturize, Bleach Bypass, High Contrast B&W, Soft Focus, Cross Process, Toy Camera) / Scene (Portrait, Landscape, Discreet, Night Portrait, Night Landscape Multi-shot, Fireworks, Cooking, Sports, Pets, Golf Swing Continuous, Zoom Macro, Skew Correct, Text) / Scene Auto
	Movie	Movie / Snap Movie
Picture quality*4		F (Fine) / N (Normal)
No. of Pixels Recorded	Still image/multi-picture	3648 x 2736, 3648 x 2432, 2736 x 2736, 3648 x 2048, 2592 x 1944, 2048 x 1536, 1728 x 1296 (multi-picture only), 1280 x 960, 640 x 480
	Text	3648 x 2736, 2048 x 1536
	Movie	1280 x 720, 640 x 480
Recording Media		SD memory card, SDHC memory card (up to 32 GB), Internal memory (approx. 40 MB) Eye-Fi card (X2 series)*5
Recording File Format	Still Image	JPEG (Exif ver. 2.3) *6
	Multi-picture	CIPA DC-007-2009 Multi-Picture Format
	Movie	AVI (Open DML Motion JPEG Format compliant)
	Compression method	JPEG Baseline method compliant
Other Major Shooting Functions	Still image/multi-picture/text	Continuous mode, Self-timer (operation time: approx. 10 seconds, approx. 2 seconds, Custom), Interval shooting (shooting interval: 5 seconds to 1 hour, in increments of 5 seconds)*7, Color bracket, Focus bracket
	Movie	Optical Zoom, Stereo Sound, Segmented Shooting (up to 10 places)
	Display	AE/AF Target Shift, Histogram, Grid Guide, Zoom Assist, Electronic Level
Other Major Playback Functions	Still image / multi-picture / text	Thumbnail view, Enlarged view (maximum x16), Resize, Level Compensation, White Balance Compensation, Skew Correction, Trim, Flag Function (the display order option is available), Slide show, DPOF
	Movie	Split Movie, Flag Function (the display order option is available)
Interface		USB/AV Out dual terminal: USB 2.0 compliant, mass storage compatible*8 HDMI Micro output terminal: Type D
Video Signal Format		NTSC, PAL
Power Supply		Rechargeable Battery (DB-100) x 1
Battery Consumption*9		Usage time of DB-100: approx. 260 pictures (when Sleep is OFF*10)
Dimensions (W x H x D)		103.9 mm x 58.9 mm x 28.5 mm (23.1 mm at thinnest part)
Weight (approx.)		Approx. 201 g (including the supplied battery and SD memory card), Approx. 180 g (body only)
Operating temperature		0 °C to 40 °C

*1. VGA image size
*2. Shutter speed upper and lower limits vary depending on Shooting Mode and Flash Mode.
*3. Values measured under Ricoh measurement conditions using a Panasonic PRO HIGH SPEED 8GB SDHC memory card. The continuous shooting speed and number of pictures will vary depending on the shooting conditions, the type of recording media used, the condition of the recording media, etc.
*4. The picture quality modes which can be set vary depending on the image size.
*5. Eye-Fi cards are approved for use in the country of purchase only. For more information on Eye-Fi cards, visit the Eye-Fi webpage http://www.eyefi.co.jp).
*6. Compatible with DCF and DPOF. DCF is the abbreviation of the JEITA standard "Design rule for Camera File system." (Full compatibility with other devices is not guaranteed.)
*7. When the flash is set to [Flash Off].
*8. Mass storage driver is compatible with Windows® XP, Windows Vista®, Windows® 7, Mac OS X 10.1.2-10.6.7.
*9. Shooting capacity was measured using CIPA-standard parameters. These are only estimates; performance may vary depending on usage conditions.
*10. When Sleep is 10 seconds, the number is approximately 300 pictures.

■CX6 Optional Accessories

Product Name	Model Name
Rechargeable battery	DB-100
Battery charger	BJ-10
Soft case (black)	SC-100BK
Soft case (white)	SC-100WT
Cable switch	CA-2
HDMI Cable	HC-1
Neck strap (black)	ST-4BK
Neck strap (pink)	ST-4PK
Neck strap (blue)	ST-4BL
Neck strap (green)	ST-4GR
Neck strap (brown)	ST-4BN

■CX6 Software

	Windows® 7	Windows Vista®	Windows® XP
1.DL-10	○	○	○
2.MediaBrowser™	○	○	○

*To playback MP files and output still images from MP files on a Macintosh PC, please use the enclosed VM-1 Macintosh software for viewing MP files (compatible OS: Mac OS X 10.4-10.6.7).

■CX6 System Requirements

	Windows®
Operating system	Windows® XP Home Edition Service Pack 3 / Professional Service Pack 3 Windows Vista® Service Pack 2 Windows® 7 (32- and 64-bit)
CPU	Pentium® IV: 1.6 GHz or faster, Pentium® M: 1.4 GHz or faster, Intel® Core™ 2 Duo: 1.5 GHz or faster
Memory	Windows® XP: 512 MB or more, Windows Vista® / Windows® 7: 1 GB or more
Available disk space on hard drive at installation time	300MB or more
Display Resolution	1024x768 dots or greater
Display Colors	65,000 colors or greater
USB Port	A USB port compatible with the above-mentioned computer

*When the CX6 is connected to a PC, only a USB connection can be used. Serial connection is not supported. *It is necessary for the above OS to be preinstalled and for the USB port to be standard equipment. *64-bit operating systems, Windows® XP and Windows Vista® are not supported. *The CX6 is compatible with Mac OS X 10.1.2 to 10.6.7 by mass storage connection.

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

Mode	Image size	InternalMemory (approx. 40MB)	1GB	2GB	4GB	8GB	16GB	32GB
SCENE (other than Golf Swing Continuous Mode, Text Mode) S-AUTO (AF Cotinuous Shoot., Continuous Mode) A/S	10M 4:3F	10 images	240 images	487 images	957 images	1957 images	3922 images	7867 images
	10M 4:3N	17 images	411 images	830 images	1631 images	3333 images	6678 images	13396 images
	9M 3:2F	11 images	271 images	548 images	1077 images	2202 images	4412 images	8851 images
	7M 1:1F	13 images	319 images	647 images	1270 images	2596 images	5202 images	10435 images
	7M 16:9F	13 images	321 images	653 images	1284 images	2624 images	5257 images	10546 images
	5M 4:3F	15 images	370 images	749 images	1471 images	3008 images	6026 images	12089 images
	3M 4:3F	24 images	570 images	1159 images	2277 images	4654 images	9324 images	18704 images
	1M 4:3F	43 images	1041 images	2118 images	4160 images	8505 images	17039 images	34181 images
	VGA 4:3F	158 images	3776 images	7681 images	15082 images	30828 images	61759 images	123888 images
(movie)	HD 1280	7"	3'1"	6'8"	12'4"	24'40"	49'26"	99'9"
	VGA 640	21"	8'34"	17'26"	34'14"	69'58"	140'11"	281'12"
(M-Cont Plus (10M))	10M 4:3N	17 images	411 images	830 images	1631 images	3333 images	6678 images	13396 images
(M-Cont Plus (2M)) SCENE (Golf Swing Coutinuous Mode)	2M 4:3N	57 images	1372 images	2792 images	5484 images	11211 images	22460 images	45056 images
(Speed Cont)	VGA 4:3N	254 images	6043 images	12288 images	24129 images	49319 images	98801 images	198192 images
SCENE (Text Mode)	10M 4:3	17 images	411 images	830 images	1631 images	3333 images	6678 images	13396 images
	3M 4:3	43 images	1041 images	2118 images	4160 images	8505 images	17039 images	34181 images

*The values will differ when the focus is set to multi-target AF. *The maximum recording time is the estimated total recording time. Movies may be up to 4 GB in size. The maximum length is 12 minutes for movies recorded at a [Movie Size] of [1280] and 29 minutes for movies recorded at [640]. *A Speed Class 6 memory card is recommended when recording movies with [1280] selected for [Movie Size]. *The maximum number of consecutive shots that can be taken using continuous mode is 999. When the number of remaining shots is 1000 or more, "999" is displayed on the picture display. *The maximum numbers of shots for M-Cont Plus (2M)/M-Cont Plus (10M) and Speed Cont are the estimated total numbers of shots that can be recorded. The maximum number of shots that can be taken consecutively at one time is 26 for M-Cont Plus (2M) and 15 for M-Cont Plus (10M) and 120 for Speed Cont. *The maximum number of shots for Golf Swing Continuous Mode is the estimated total number of shots that can be recorded. The maximum number of shots that can be taken consecutively at one time is 26 for Golf Swing Continuous Mode. *The number of remaining shots displayed on the picture display may differ from the actual number of shots, depending on the subject. *Movie recording time and the maximum number of still pictures may vary depending on the capacity of the recording destination (internal memory or SD memory card), shooting conditions, and the type and manufacturer of the SD memory card.

For more information, visit:

http://www.ricoh.com/r_dc

HDMI | SDHC | PictBridge | Exif Print | PRINT Image Matching | CERTIFIED USB HI-SPEED

RICOH