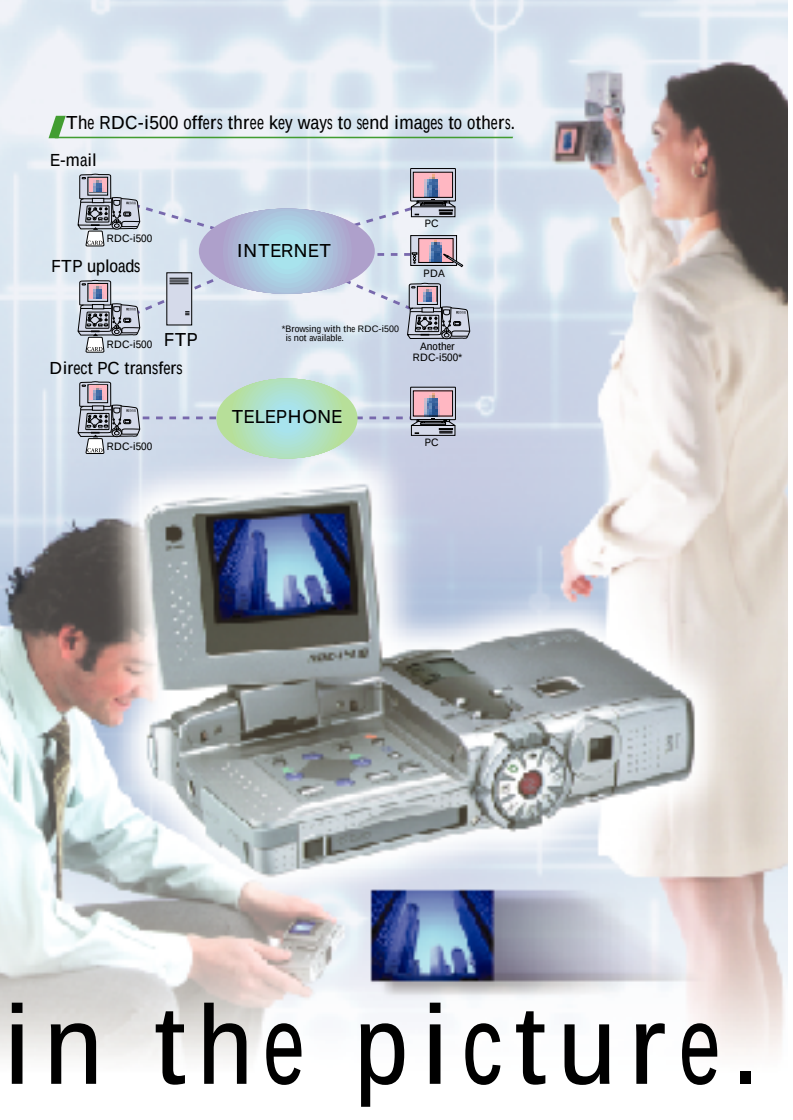

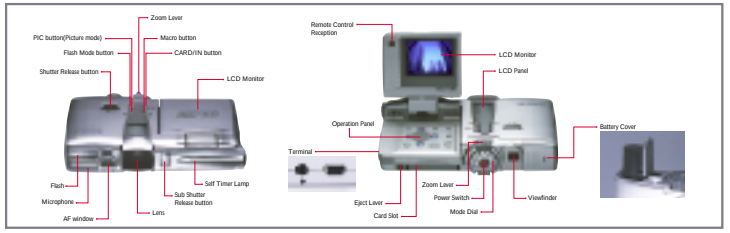

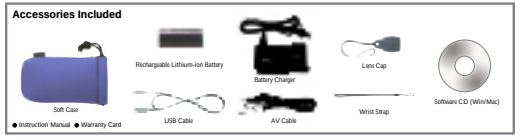

RDC-i500 Major Specifications

ITEM	DESCRIPTIONS
RECORDING FORMAT	Still:JPEG (Exif 2.2), Non-Compressed:TIFF DCF"Design rule for Camera File system", DPOF support Text:TIFF (G4 MMR system) Motion:AVI (Open DML Motion JPEG), 15 frames/second * Sound:WAV (Exif 2.1)
VIDEO SIGNAL METHOD	NTSC/PAL switchable
RECORDING MEDIUM	Internal Memory / Compact Flash Card, Microdrive
CCD	1/1.8-inch CCD with 3,240,000 square pixels (effective pixels)
RESOLUTION	Still: 2048 x 1536 / 1024 x 768 / 640 x 480 Text: 2048 x 1536 / 1024 x 768 Motion: 320 x 240
RECORDING MODE	STILL/TEXT/VOICE MEMO/STILL+VOICE MEMO/MOTION WITH SOUND/ CONTINUOUS MODE
PICTURE MODE	Fine/Normal/Economy, Non-Compressed
LENS	F:2.8-3.4, 10 glass elements in 7 groups
ZOOM	Optical 3x zoom, f=7.3-21.9mm (35-105mm in 35mm camera format) Digital 1.3, 1.6, 3.2x zoom (resolution 640 x 480 only)
SHUTTER	Still: 8, 4, 2, 1-1/2000sec. (mechanical shutter) Motion: 1/30-1/2000sec. (electronic shutter)
SHOOTING RANGE	24cm (9.4in.) -∞ (at Wide) / Macro: approx.1cm (0.4in.) -24cm (9.4in.)
ISO SENSITIVITY	AUTO/Selectable:ISO (equivalent to 200/400/800)
OPTICAL VIEWFINDER	Real-image, Diopter Adjuster (-2~+1dpt.)
MONITOR DISPLAY	2" TFT LCD (200,000 pixels)
BUILT-IN FLASH	AUTO/FORCED FLASH/SLOW SYNCHRO/OFF/RED-EYE REDUCTION, Manual strength adjustment (SOFT/NORMAL/STRONG)
FOCUS	AUTO FOCUS/MANUAL FOCUS/FIXED FOCUS (SNAP: 2.5m-∞)
EXPOSURE MODE	Programmed AE, Exposure metering system:CENTERWEIGHT/SPOT/MULTI
EXPOSURE ADJUSTMENT	AUTO/MANUAL EXPOSURE COMPENSATION (+/- 2.0 EV in 1/4EV steps)
WHITE BALANCE	AUTO/DAYLIGHT/FLUORESCENT LIGHT/TUNGSTEN LIGHT/OVERCAST/MANUAL
SELFTIMER	Approx. 10sec. delay
OTHER FEATURES	DATE IMPRINT, AUTO BRACKET, MONOCHROME MODE (B&W,Sepia), INTERVAL MODE(Time-Lapse from 30second intervals up to 3 hours), SOFT MODE, TIME EXPOSURE MODE, SIGNATURE function, SPLIT-SCREEN MODE
INTERFACES	PC : USB, Video Out, Audio Out
EXTENTION SLOT	Compact Flash card slot Supporting Card: Modem, Cellular, LAN (compatible products only)
BATTERY	Rechargeable Lithium-ion Battery
DIMENSIONS (W x D x H)	141.9 x 78.2 x 30.3mm, 5.6 x 3.1 x 1.2inch (excluding projections)
WEIGHT	Approx.295g (10.4oz) (without battery)

*In motion picture mode, zoom and flash do not work and the focus is locked in the state in effect when the release button was pressed.

Camera Softwares

DIAL-UP Protocol	PPP
INTERNET MAIL	Protocol : POP3/SMTP Encording format: MIME
DIRECT UPLOAD	Protocol:Ricoh original
IMAGE EDITING	Size Change, Rotation and Voice Memo annotation
JOB Navi. FUNCTION	Image Capture Guide List, HTML File Creation

Software CD (Windows/Macintosh)

SYSTEM REQUIREMENTS	WINDOWS	MACINTOSH
OS	Windows 98/98 Second Edition Windows 2000, Windows Me *1	MacOS 8.6-9
CPU	Pentium processor	Power PC
MEMORY SPACE	32MB or more (64MB recommended) *2	32MB or more
HARD DISK SPACE	6MB or more	6MB or more

CONTENTS

1. Image Capture Guide List tool with Word and Excel sample files (Windows only *3)
2. RDC-i500 Explorer Plug-in (Win) / RDC-i Mounter (Mac) : Camera memory can be accessed from PC / MAC.
3. RDC-i Direct Upload (Direct trans/mission program) : receive data from RDC-i500 *4
4. TWAIN driver, USB driver *5
5. Apple QuickTime 4

*1 PCs with Windows 95 and Windows NT4.0 can be used when connected via Lan.
*2 128MB or more for Windows 2000.
*3 Required Microsoft Office 97 or 2000.
*4 Apple Remote Access 3.0 Personal Server is required for MacOS 8.x.
*5 Limited to PCs with Windows 98/2000 pre-installed or Macintosh with MacOS 8.6-9 (USB service 1.1).

Compatible Products

<Memory Card>

Item	Maker	Model name
Compact Flash	SanDisk	SDCFB-16/32/40/48/64/80/96/128/192
	Lexar Media, Inc.	USB enabled Compact Flash 8x32/48/64/80/128/192MB
Microdrive	IBM	340MB, 1GB Microdrive

<Communication Card>

Item	Maker	Type
Modem	Xircom	CompactCard Modem 56 GlobalACCESS
	Pretec Electronics Corp. (C-ONE Tecnology Corp.)	Compact Modem
Cellular	Xircom	CompactCard GSM
		CompactCard Modem 56 GlobalACCESS+GSM Connection Kit
LAN	Socket Communications Inc.	Low Power Ethernet
	Xircom	CompactCard GSM Ether 10

*More products to be qualified by Ricoh in the future will be announced at our web site.(www.ricoh.co.jp/r_dc/icd)

RDC-i500 Optional Accessories

MODEL	
DB-20L	Rechargeable Lithium-ion Battery
BJ-1	Battery Charger
DR-3	Remote Control
AC-3	AC Adapter

* Specifications are subject to change without notice.
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* Macintosh and QuickTime are trademarks of Apple Computer,Inc. of the U.S.A. and are registered in the U.S. and other countries.
* All other trademarks mentioned herein are the property of their respective owners.
* All screen shots and sample images shown in this catalog are simulated.

For more information, visit:
http://www.ricoh.co.jp/r_dc/icd

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RICOH
Image Communication

RDC-i500
IMAGE CAPTURING DEVICE

Capture, process, and send images on the fly.

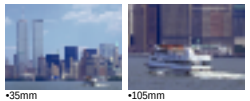
http://www.ricoh.co.jp/r_dc/icd

Capture Images

Enjoy top resolution and flexibility.

3.34-megapixel, 3X optical zoom performance

The 3.34-megapixel CCD delivers photo-quality resolution of up to 2048 x 1536 pixels. The 3x optical zoom lens is equivalent to 35–105mm on a 35mm film camera. This gives you the flexibility you need in almost any shooting situation. And because it is optical, the zoom maintains sharp resolution across its range.



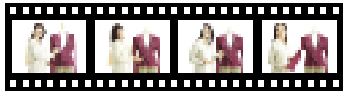
•35mm •105mm

One-centimeter macros

Macros are perfect for revealing unusual detail. The RDC-i500 lets you get as close as about 1cm (0.4 inch) from a subject without losing the definition you enjoy at normal shooting distances.

Text, motion, and voice memo modes

Ricoh's document technology lets you crisply capture text in black and white. WAV-format voice memos and an AVI movie capturing capability add realism and impact. You can annotate stills with sound or use the Voice Memo feature to record thoughts on the run.



•Motion picture

Split-screen shooting

You can use this capability to capture two images that you can show simultaneously, either on the top and bottom or left and right. This is very handy for presentations when you need to make it easier to understand product details.

Multi-angle monitor

The 2.0-inch LCD screen swivels to let you take shots accurately from the most challenging angles. The 200,000 pixel, active matrix screen provides the accuracy and detail you need to check shot quality or review results.

Manage Data

Keep everything at your fingertips.

JOB Navi., your virtual assistant

■ Build an Image Capture Guide List

The RDC-i500 Software CD includes an application that lets you build an Image Capture Guide List on a Windows PC. Simply follow the list when taking shots and transfer images to the PC, where they link automatically with the source file. This is perfect for creating a database or product list.

Use the Guide List function to handle large jobs :

■ Convert automatically to HTML

The JOB Navi. function is also useful for quickly auto-generating an HTML file. Just select captured images and slot them into an HTML template, and you're now ready to upload to the Internet.

PC-connectivity

To improve productivity, you can link the RDC-i500 to a PC via a LAN or USB connection *1. Open the PC's web browser *2 to handle images and even copy them to the hard disk. You can use the browser to modify communications settings and input preset memos. The software pack includes the Explorer Plug-In for Windows and a Mac application called RDC-i Mounter. Installed on a PC, you can operate the RDC-i500 like an external disc drive.

*1 The RDC-i500 does not have a serial port.
*2 Netscape Communicator (Navigator) 4.7 or later, or Internet Explorer 5 or later is required.

Folder management

A folder management facility helps organize image files for easy access. You can store each new image in a specified folder. You can add folders based on the standard DCF format.

Network

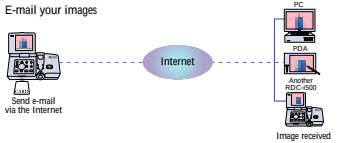
Share information fast.

E-mail

•E-mail operations

E-mail stills, movies, texts, and voice memos. You can simplify e-mailing by setting up your dial-up account, address book, and preset memos on your PC. Quick Send makes light work of sending files to your company while on the road or to other addresses you commonly transmit to. This feature lets you send a still to a preregistered address just by pressing a few buttons. You can also input addresses and messages directly on the RDC-i500. You may send your high-resolution images, or to facilitate faster transfer, have the camera automatically create a lower resolution copy that is better suited for e-mail and photo sharing.

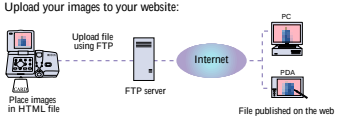
E-mail your images



FTP uploads

The JOB Navi. HTML file creation function lets you select multiple images and post them directly to your website. Customizable templates control the links with selected files and thumbnail creation automatically. FTP uploading is perfect for updating websites quickly and directly, wherever you are.

Upload your images to your website:



Direct PC transfers

Install dial-up server software on a modem-equipped PC and transfer data directly to receiver's computer. Data security assured due to no server interference.

Transmit your images to a PC :

Remarks

* You will need a Compact Flash communications card to e-mail or upload files from the RDC-i500. You can use communication cards that Ricoh has verified as compatible with the RDC-i500.
* To use Internet e-mail, you will need a mail account with an Internet Service Provider (ISP) that uses SMTP,POP protocols with DNS. Some mail Providers, such as America Online™ may not fully support the requirements and cannot be used with the RDC-i500.
* The download limit to the RDC-i500 is 300KB per file.
* To use Direct Upload, you must install the direct transmission application from the Software CD on the PC.
* File selections when sending are from internal memory only.

Keep everyone in the picture.