Rimage DiscLab™:
Network Attached
CD-R and DVD-R Recording & Printing

Professional quality on-demand CD/DVD publishing has never been smaller, easier or more affordable thanks to DiscLab's embedded processor.

The Rimage DLN5200 is a compact, all-in-one disc publishing system designed for front-office applications. DiscLab's power and simplicity enables users to instantly record CDs and DVDs and imprint them with waterproof, scratchproof, photo-realistic images.

Unique to the DiscLab family is the integration of a powerful embedded computer – meaning that no external host PC is required for operation. Hardware installation is as simple as plugging in a single Ethernet cable. DiscLab comes with all required software pre-installed, including disc content preparation, a disc image creation application, scheduling, and system management software.

DiscLab is a stand-alone Network Appliance and provides true "lights out" operation, providing instant on demand disc publishing for any user on the network. Throughput is maximized by Rimage's unique data streaming software, which implement multiple asynchronous parallel processing techniques, pre-fetching data and overlapping recorder and printing processes.

IMPORTANT NEWS: Rimage Endeavor product discontinued.
No orders accepted after October 29.

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DiscLab Positioning Summary:

DiscLab is ideal for low to medium volume throughput applications for brand/image/durability conscious customers. Integrated all-in-one design minimizes workspace and fits any office environment. DiscLab features instant plug-and-play installation – as easy to setup as a network printer.

Unique-to-DiscLab Features:

- **Most Affordable Disc Publisher with Everest Printing**
  Important to any customer who's creating discs that need to last
  Any customer who's delivering high value content (proposal, designs, etc.)
- **Host PC Not Required (DLN5200 only)**
  Simpler installation – reduces perceived system complexity
  Greater system uptime – less risk of end users changing system software and settings
  All-in-one design eliminates need (and space) for additional host computer
- **Small footprint**
  Smallest all-in-one system in the market – only 10" footprint
  23.5" depth fits retail counter
- **5 Disc Output Sorter**
  Easy access for any user to quickly identify and pick up completed discs

Applications

▪ Presentations	▪ Graphic Design	▪ Corporate Training
▪ Photos & Drawings	▪ Corporate Videos	▪ Web-based Fulfillment
▪ Retail Fulfillment	▪ Catalogs & Parts List	▪ Multi-Media Sales Presentation
▪ Software Distribution	▪ Alpha/Beta Testing	▪ Just-In-Time Releases

Markets

▪ Videographers	▪ Engineering Firms	▪ Recording Studios
▪ Corporate Training	▪ Architectural Firms	▪ Independent Record Labels
▪ Copy Centers	▪ Corporate Video	▪ Law Firms
▪ Corporate Offices	▪ Create Services	▪ Legal Departments

OEM

The Rimage DiscLab series is ideal for integrated OEM environments in the Photography, Medical, Music Distribution, Software and Retail Kiosk environments. For additional information in these and other areas, please contact Tom Sherman (tsherman@rimage.com).

Product	Part number	M.S.R.P.	Description
Rimage DiscLab DLN5200/CD-R	530431-102	$11,495	Rimage DLN5200, 2 CD-R, 1 Everest II printer, Embedded Host PC, 5 disc sorter.
Rimage DiscLab DLN5200/DVD-R	530431-120	$12,495	Rimage DLN5200, 2 DVD-R, 1 Everest II printer, Embedded Host PC, 5 disc sorter.
Rimage DiscLab DL5200/CD-R	530401-102	$9,995	Rimage DL5200, 2 CD-R, 1 Everest II printer, NO Embedded Host PC, 5 disc sorter.
Rimage DiscLab DL5200/DVD-R	530401-120	$10,995	Rimage DL5200, 2 DVD-R, 1 Everest II printer, NO Embedded Host PC, 5 disc sorter.
Everest 1000 CD Media Kit	210762-001	$749	1000 CD-Rs, 2 CMY ribbons & 1 transfer roll
Everest 500 CD Media Kit	210776-001	$395	500 CD-Rs, 1 CMY ribbon & 1 transfer roll
Everest 500 DVD media Kit	210777-001	$1,295	500 DVD-Rs, 1 CMY ribbon & 1 transfer roll
Optional Monitor, Keyboard & Mouse for DLN5200	*TBD*	*TBD*	*Will be announced in October, 2004*

*Prices and part numbers are subject to change.

End-of-Life Information for Rimage Endeavor

Endeavor Discontinued: No Endeavor Orders accepted after October 29th:

The Endeavor product (both CD-R and DVD-R models) have been discontinued. The direct replacement for Endeavor is the Rimage DiscLab DL5200. The Rimage DL5200 includes over a dozen significant improvements over the Endeavor, largely focused on quality, reliability, and serviceability. The DLN5200 adds an embedded host computer into the DL5200. The models affected by this announcement include:

  (1) Endeavor CD-R w/Everest Printer, part # 555101-102
  (2) Endeavor DVD-R w/Everest Printer, part # 555101-120

Service plans and support for Endeavor will be available until November 1st, 2007.

PHOTO-REALISTIC EVEREST™ II PRINTING

The Rimage DLN5200 and DL5200 feature full-color Everest II offset-quality printing. This advanced technology reproduces colors, text, and graphic images at high resolution. In addition, the surface print is virtually "accident proof"—impervious to damage from scratching, moisture, chemicals and UV exposure. In other words, you'll destroy the disc itself before you'll damage the disc graphics.

Thermal re-transfer is a method of disc surface printing where the entire label image is first transferred to a clear transfer ribbon, one color at a time. The finished image is then re-transferred to the disc. The re-transfer process allows label designers to do things previously unattainable with on-demand printing, such as edge to edge printing and printing on the hub of the disc. The effect is a label to rival one produced by silk-screen or offset methods, yet can be printed on-demand.

SMALLEST FOOTPRINT IN ITS CLASS

Rimage has shrunk the footprint of professional CD/DVD publishing by eliminating the need for an external PC, creating a solution that easily fits on a desk or table in any workspace. The Rimage DLN5200 footprint is only 10" x 23.5". No other system with this kind of professional printing capability and compute power comes close - which makes DiscLab ideal for office, OEM or retail environments. Specialized OEM applications, such as film-to-CD processing, in-store audio-cd creation, video-DVD automation, digital Medical Imaging and Electronic Medical Records are also under development with our partners.

INNOVATIVE SOLUTION - NETWORK ATTACHED PUBLISHING

The Rimage DLN5200 includes a built-in host PC, enabling its operation as a stand-alone Network Appliance. The built-in host PC is directly accessible in three different ways:

(1)   Remote Desktop Access
(2)   Network operation via the included Rimage Producer Software Suite
(3)   Direct connection of monitor, mouse and keyboard

Remote Desktop Access is native to Windows XP and provides secure access to the DLN5200 embedded host PC over any network connection to the System Administrator. Remote Desktop provides full system access over a network. This means, for example, the System Administrator can remotely connect to any DLN5200 on the network and set up options or authorize software with the Rimage service department.

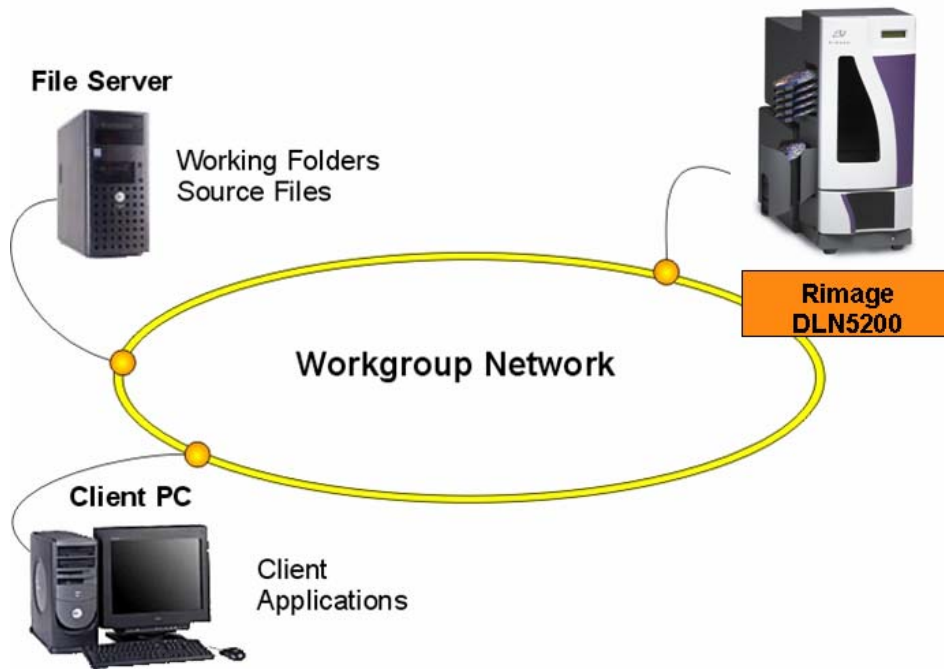**NETWORK ATTACHED PUBLISHING – CONTINUED**

End users can simply use the provided Rimage Producer Suite software. They can assemble their data (documents, audio, or video), design their disc image graphic – and simply send their job to the queue. The software locates the DLN5200 on the network and submits the job for burning and printing. The user is notified when the job is complete. In addition, the user can monitor the publishing queue to interactively track the job process.

Finally, the embedded PC can be accessed directly by attaching a monitor, keyboard and mouse (optionally available) to the back of the DLN5200 itself. This is simple and convenient for setup – but is not recommended for day-to-day operation to minimize the risk of potential system corruption by unauthorized users. The Network Appliance concept should discourage casual usage of the DLN5200 for non-publishing needs and as a result should increase the availability and reliability of the system itself.

Network Access

EASY TO ACCESS FROM ANY NETWORKED WINDOWS PC OR MACINTOSH:

The Rimage Producer suite client software provides full publishing access to any networked Windows PCs and Macintosh computers. The client software is compatible with Windows 98, Windows ME, Windows NT, Windows XP and MAC OS 10.2. Any networked Macintosh running QuickDisc (included) can output directly to the DLN5200 (or DL5200 with Host PC attached). Please refer to the Rimage Advanced Setup Guide for further details on how to configure and network Macintosh computers.

DLN5200/DL5200 PHYSICAL AND TECHNICAL SPECIFICATIONS

Rimage DLN5200	Two disc recorders; Rimage DLN5200 autoloader, an Everest II printer, embedded PC, network ready and complete Producer Software Suite.
Rimage DL5200	Two disc recorders, Rimage DL5200 autoloader, an Everest II printer, and complete Producer Software Suite.
Input Bin Capacity	One removable 50-disc bin.
Output Capacities	Five output trays to hold one disc per tray and one 75-disc output bin.
Height	23.25 inches (59.1 cm)
Width	14½" inches (36.8 cm) Allow an additional 2.4" of space for the door to swing open.
Depth	23½" inches (59.1 cm) Leave an additional 2.5" (6.4 cm) for cabling in the rear of the autoloader. DLN5200
DLN5200 Weight	51 lbs (23.2 kg) without Everest II Printer, 95 lbs. (43.2 kg) with Everest II Printer.
DL5200 Weight	49 lbs (22.3 kg) without Everest II Printer, 93 lbs. (42.3 kg) with Everest II Printer.

RIMAGE DLN5200/DL5200 ENVIRONMENT REQUIREMENTS

Power	100 – 240VAC, 60/50 Hz, 4.7 – 3.7 Amps
Operating Temp	60° – 80º F (15.5º – 26.7° C)
Humidity	40 – 80% non-condensing
Emissions	FCC Class A, EN 55022 Susceptibility EN 50024 Safety UL 60950-1, CAN/CSA C22.2 No. 60950-1-03, IEC 60950 27

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DLN5200 EMBEDDED PC SPECIFICATIONS:

The Rimage DLN5200's Host PC is optimized to the unique requirements of a disc publishing system. Internal bandwidth is crucial to maximizing system throughput and the creation of consistently flawless CDs and DVDs. The system employs dual 10,000 RPM Serial-ATA drives to keep the disc recorders fed at top speed.

Processor	Celeron 2.0 GHz, 128K L2 Cache, 400 MHz Bus
Memory	512 MB Dual DDR, 400 MHz Bus, Dual Channel Operation
Chip Set	Intel 865GLC chip set
PCI Slots	3 32 bit PCI slots (not accessible)
Disc Drives	2 Serial-ATA drives, 10,000 RPM SATA, 36 GB, 8 MB Cache Buffer
Network	10/100/1000 Ethernet w/RJ45
Serial Port	1 serial port
USB	4 USB 2.0 ports
Video Output	1 VGA monitor output
Parallel	1 parallel port
Audio	Disabled
Video Graphics	Intel Extreme Graphics 2 64MB Shared RAM
OS	Windows XP-Embedded

Printing Specifications

EVEREST SPECIFICATIONS:

Print Technology	Thermal Retransfer MicroDry™ Variable Dot print technology
Print Resolution	173 LPI (lines per inch)
Color Management	Photo optimized and process optimized
Print Speeds	60 Seconds Normal Mode – CMY
	78 Seconds Best Mode – CMY

Prints per ribbon	3-color (CMY) ribbon	500 images per ribbon
	4-color (CMY+W) ribbon	375 images per ribbon
	Monochrome (black) ribbon	1000 images per ribbon
	Retransfer (transparent) ribbon	1000 transfers per ribbon

Media Types	120mm CD and DVD media
Print Drivers	Windows 2000, XP
Interface	USB 1.1 for printing, serial for robotics
Power	100-120V/220-240V, 3.9-2.9A, 50/60 Hz, 500W maximum
Op Temperature	60° F to 86° F (15.5° C to 30° C)
Relative Humidity	30% to 80% non-condensing
Certifications	Emissions: FCC Class B, EN 55022 Class B Susceptibility: EN55024Safety: EN 60950, UL1950, c-UL1950
Conformance:	UL, cUL, CE
Size:	Height 9.7" Width 9.4" Depth 14.8"
	(24.6 cm x 24 cm x 37.5 cm)
Weight:	40.8 lbs. (18.5 kg)

Specifications subject to change without notice.

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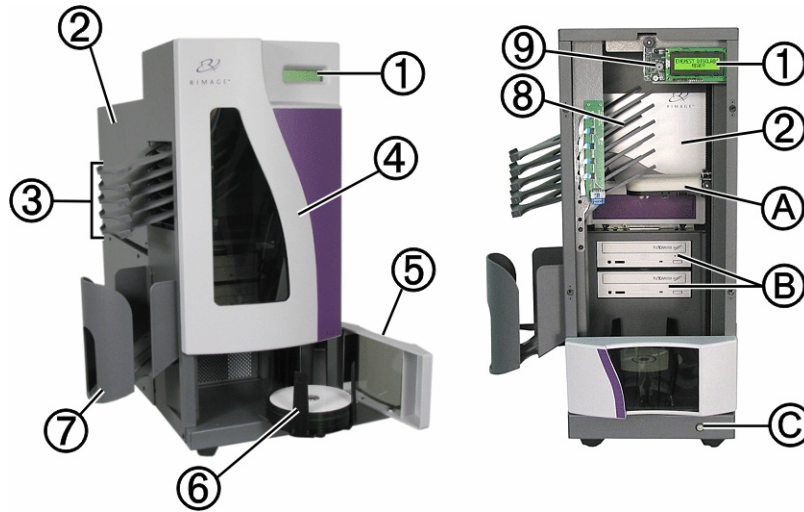Intended for Channel Partner Use Only - Not for external distribution. Version 1.1

DiscLab is designed for easy day-to-day operation by non-technical end users. Discs are output into the convenient disc sorter and output bin. Only the bottom door needs to be opened to add more blank discs as shown below.
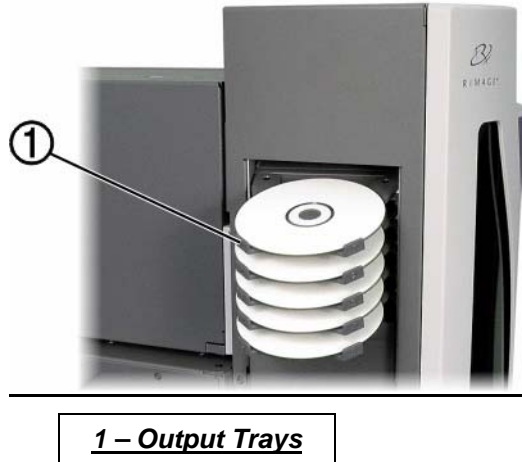
Rimage DLN5200/DL5200 with Supply Door Open:

The inside details of DiscLab are shown below:

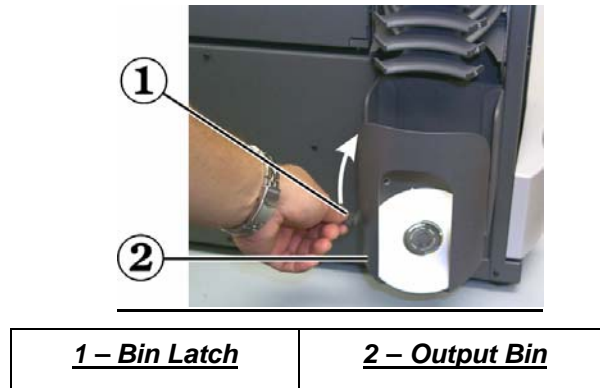| 1 – Operator Panel	5 – Supply Door	9 – Operator Button
2 – CD Printer	6 – Supply Bin	A – Lift Arm
3 – Output Trays	7 – Output Bin	B – Recorders
4 – Front Panel	8 – Transfer Slides	C – PC Power Button*

Output Trays

The Rimage DLN5200/DL5200 is configured with five Output Trays and an Output Bin. When a disc is recorded and printed, the Lift Arm moves the disc to the Output Bin or one of the Output Trays. The disc slides down and out to the end of the tray. There is a sensor located on each Output Tray detecting if a disc is in the Output Tray. The trays are numbered 1 through 5, with #1 located at the top. To change the output configuration, use the Rimage System Manager software.
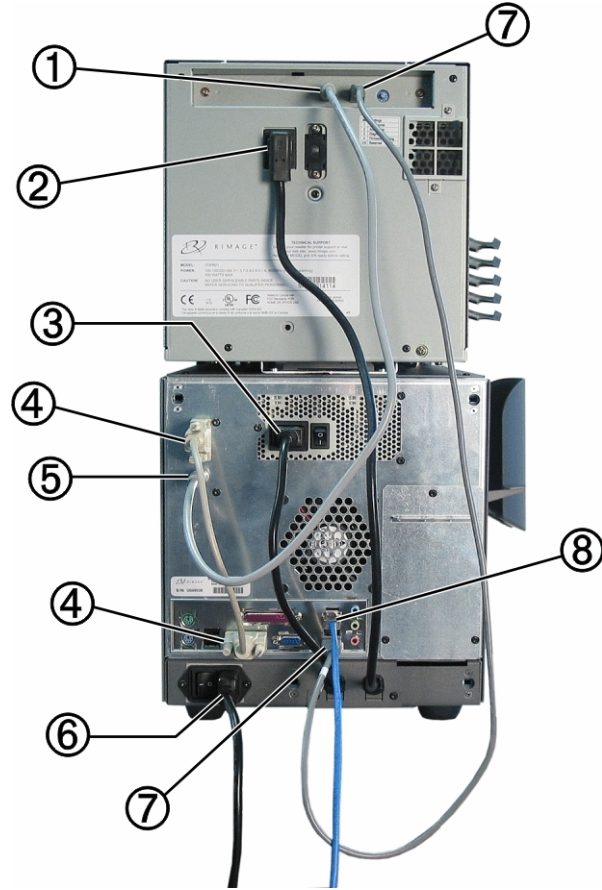

1 – Output Trays

Output Bin

The Output Bin receives finished and/or failed discs. The Output Bin holds up to 75 discs. To remove discs from the Output Bin, hold the Output Bin with one hand while moving the Bin Latch up and then lower the bin down. This provides easy access to the Output Bin to remove completed discs. The completed discs should be removed from the Output Bin every time the supply bin is filled so it never becomes full.

1 – Bin Latch	*2 – Output Bin*

Rimage DLN5200 has cable connections on the back of the autoloader and the Everest Printer. The Rimage DLN5200 can be connected to a network so the orders are sent from other PCs. Otherwise, a monitor, keyboard, and mouse can be connected to the Rimage DLN5200 and the user can operate the system from the installed software. Installation directions are located on the Rimage DLN5200 Setup and Installation directions.

1 – Printer Control Cable	*5 – Printer Control Cable*
2 – Printer Power Cord	*6 – AC Power Cord*
3 – PC Power Cord	*7 –USB Cable*
4 – Serial Control Cable (RS-232)	*8 – Network Connection*

Product Warranty

The Rimage DLN5200 and DL5200 come with a one-year warranty. The full warranty is printed at the end of this document. The warranty is a return-to-factory.

There are several additional options that cover both the potential cost and timing for a Rimage DiscLab unit that requires maintenance. Please see the **Rimage Corporation Price & Discount** list for details and part numbers.

Rimage DLN5200

Option	Terms and conditions	1st Year	2nd Year	2 years Prepaid
Depot Repair	• 5 business day repair • No charge for parts and labor • End user pays shipping to Rimage • Rimage pays shipping back to end user	$767 162411-022	$1,249 162421-022	$2,031 162431-022
Rapid Exchange	• Replacement unit delivered next day • No charge for parts and labor • Rimage pays overnight shipping to end user • End user pays ground shipping to back to Rimage • Includes 24 hour a day telephone support, 365 days a year	$906 162211-022	$1,701 162221-022	$2,616 162231-022
48 Hour On-Site	• Field Engineers arrive within 48 hrs. • Includes all Software Enhancements with the Latest Software Features • On-site MTTR (Mean Time To Repair) in under 4 hours • Includes all labor, travel and parts expense (excluding consumables) • Includes 24 hour a day telephone support, 365 days a year	$1,692 162111-022	$2,745 162121-022	$4,437 162131-022
4 Hour On-Site	• Field Engineers arrive within 4 hrs. • Includes all Software Enhancements with the Latest Software Features • On-site MTTR (Mean Time To Repair) in under 4 hours • Includes all labor, travel and parts expense (excluding consumables) • Includes 24 hour a day telephone support, 365 days a year	$2,269 162113-022	$3,280 162123-022	$5,549 162133-022
Software	• Includes all software updates	Included	$1,245 162621-022	N/A

Rimage DL5200

Option	Terms and conditions	1st Year	2nd Year	2 years Prepaid
Depot Repair	• 5 business day repair • No charge for parts and labor • End user pays shipping to Rimage • Rimage pays shipping back to end user	$690 162411-023	$1,149 162421-023	$1,839 162431-023
Rapid Exchange	• Replacement unit delivered next day • No charge for parts and labor • Rimage pays overnight shipping to end user • End user pays ground shipping to back to Rimage • Includes 24 hour a day telephone support, 365 days a year	$825 162211-023	$1,575 162221-023	$2,400 162231-023
48 Hour On-Site	• Field Engineers arrive within 48 hrs. • Includes all Software Enhancements with the Latest Software Features • On-site MTTR (Mean Time To Repair) in under 4 hours • Includes all labor, travel and parts expense (excluding consumables) • Includes 24 hour a day telephone support, 365 days a year	$1,575 162111-023	$2,550 162121-023	$4,125 162131-023
4 Hour On-Site	• Field Engineers arrive within 4 hrs. • Includes all Software Enhancements with the Latest Software Features • On-site MTTR (Mean Time To Repair) in under 4 hours • Includes all labor, travel and parts expense (excluding consumables) • Includes 24 hour a day telephone support, 365 days a year	$2,090 162113-023	$2,980 162123-023	$5,069 162133-023
Software	• Includes all software updates	Included 162123-023	$1,245 162621-023	N/A 162123-023

Rimage Media Kits

Rimage Media Kits™ are designed to maximize quality and convenience when using Rimage printers. Rimage Media Kits come pre-assembled with enough printing supplies to print all discs included in the media kit. No more worrying about whether your ink jet compatible media really is compatible. No more expensive discs ending up as printing rejects. Rimage has partnered with high quality media manufacturers to bring you the best combination of media and printing supplies possible – and at a great competitive price. CD-R and DVD-R media made to Rimage specifications cannot be purchased through traditional media channels. Add all that to the Rimage guarantee and you have a great combination that can't be beat.

Rimage Media Kit Guarantee: Rimage guarantees these discs to print and record to the end user's satisfaction if they are properly handled and maintained. Rimage will, at its option, replace the media and printing consumables, or give a refund of the purchase price, should Rimage Media Kit components fail to print and record properly.

For more information on Rimage DiscLab products, contact:

Rimage Inside Sales Group

Telephone 1-800-445-8288

E-mail sales@rimage.com

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7725 Washington Ave. S.
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63128 Dietzenback
Germany
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Fax: 49.0.6074.8521.21
Web: www.rimage.de

Rimage DLN5200/DL5200 Limited 1 Year Warranty

Rimage warrants, to the original end user only, that all non-consumable parts of the Rimage DLN5200/DL5200 of automated products will be free from defects in material or workmanship for 12 months, according to the following terms:

Rimage will replace or repair, at Rimage's discretion, any non-consumable parts found defective within the Warranty period.

• • • Valid from the date Rimage ships the product to you.

Factory depot repair:
  • To Rimage's location in Minnesota from a location within the US or Canada with a typical response of 15 business days.
  • To Rimage's location in Germany from a location in Europe with a typical response of 15 business days.
  • To Rimage Minnesota from a location that is not in the US or Canada with a typical response of up to 25 business days.

Advanced Replacement or faster response Maintenance Contracts are available for an additional fee.

Rimage will pay ground service freight charges for components shipped to you.

This Warranty Does Not include the following:

Work done at the customer's location, or customer's loss of data.

• • • Shipment costs of equipment or components returned to the Rimage factory.

  Repairs and associated costs to restore the equipment to its original or factory authorized upgraded state where software that is not provided by Rimage or its affiliates was installed on the system and such unauthorized software caused operational issues.

  Equipment or parts that were tampered with, misused, neglected, or that were modified in any respect without the written consent of Rimage.

  Equipment or parts that have been damaged due to shipping or accidents, or damaged by lightning, storms, water, or power surges.

  Printer consumables including ribbons, retransfer ribbons, or print head.

You may not assign this Warranty without Rimage's written consent. Rimage is the intended beneficiary of this Warranty; if there is any inconsistency between this Warranty and any other agreement included with or relating to Rimage products, this Warranty shall govern. If any term of this Warranty is illegal or unenforceable, the legality and enforceability of the remaining provisions are not affected or impaired. This Warranty is to be interpreted under the laws of the State of Minnesota, without giving effect to conflict of law rules.

Rimage must receive written notice of any claimed failure to perform or malfunction within five (5) days after such failure or defect is first observed. For warranty service, call Rimage at (952) 946-0004. For Europe, call +49-(0) 6074-8521-0.

The Limited Warranty set forth above is Rimage's only Warranty in connection with the Rimage DL5200\DLN5200 and Everest products. All other Warranties, whether written or oral, express or implied, contractual or statutory, including, but not limited to any Warranties of merchantability or fitness for any particular purpose are specifically excluded and disclaimed. In no event shall Rimage's liability under this Warranty exceed the obligation to repair or replace, at Rimage's discretion, a Warranted product, and, without limiting the foregoing, Rimage's liability under this Warranty shall not exceed the cost of the covered product