

**LANIER**



DIGITAL IMAGING SYSTEM

**LD220SPF**

*Robust capabilities, secure performance*

*Improve your workflow and control imaging costs  
with this powerful, economical and highly  
secure multifunctional system*



## Critical capabilities for business communications.

### Standard 50-Sheet Automatic Reversing Document Feeder

Conveniently handle one- and two-sided originals up to 8.5" x 14" in size.

### Scan-to-Media (Optional)

Take scanned documents with you in seconds on a USB drive or SD card.

### Legal-Size Platen

Accommodate documents up to 8.5" x 14" with ease.



### Accessibility Handle (Optional)

Make it easy for any user to open and close the standard paper tray.

### Storage Cabinet (Optional)

Keep supplies ready for quick replacement in one of two optional storage cabinets.



### Control Panel

Gain access to all system capabilities in seconds.

### Standard 100-Sheet Bypass Tray

Take advantage of a wide range of paper sizes and types.

### Standard 250-Sheet Paper Bank

Start with an ample supply of paper.

### 500-Sheet Paper Bank (Optional)

Accommodate sizes up to 8.5" x 14" and increase paper capacity to 850 sheets—or add two 500-Sheet Paper Banks to reach the maximum of 1,350 sheets.

### DataOverwriteSecurity System (DOSS) with the Hard Drive Option

Automatically overwrite the hard drive after every job or overwrite the entire hard drive at the end of the system's useful life or when changing locations for added security.

## Functionality Overview



### Lanier LD220SPF\*

- Copying
- Printing
- Scanning
- Super G3 Faxing
- Internet Faxing
- LAN Faxing
- IP Faxing

\*Shown with Scan-to-Media option.

# Remarkable versatility

Efficiently sharing documents and other information is critical in any size organization. Finding smart, new ways to manage print, copy, scan and fax output can significantly reduce costs and improve the speed and agility of your business. The LANIER® LD220SPF Digital Imaging System offers a variety of standard and optional management tools that give you greater control over document-related processes. Security features—such as hard drive overwriting, encryption and user authentication—provide multiple levels of protection for important documents and data. While it features a compact design, the LD220SPF also packs the multifunctional power and fast 21 pages-per-minute (LTR) output you need to minimize cost and maximize productivity.

## **Drive Overall Efficiency**

**We designed the Lanier LD220SPF Digital Imaging System to deliver the next level in speed, reliability and security—even in the most demanding work environments.**

- Finish jobs quickly and efficiently with reliable output of up to 21 pages-per-minute (LTR), automatic duplexing and an easy-to-read four-line LCD control panel.
- Capitalize on the system's true flexibility. Keep 8.5" x 11" paper in the standard tray and 8.5" x 14" or specialty stocks in the optional trays.
- Copy, scan and fax catalogs, brochures, booklets and other oversized documents on the 8.5" x 14" platen.
- Keep operations running smoothly with minimal interruptions for paper replenishment. The Lanier LD220SPF holds up to 1,350 sheets so you can run longer jobs without pausing.
- Simplify printing of PDF or JPEG attachments. Just send an e-mail directly to the system using the Mail-to-Print feature and print attachments instantly.

## **Safeguard Documents and Data**

**The Lanier LD220SPF Digital Imaging System offers multiple security features that allow you to protect printed documents, electronic data, passwords and directories.**

- Utilize the hard drive option and prevent unauthorized users from retrieving and printing critical documents with the built-in DataOverwriteSecurity System (DOSS) feature. This capability automatically overwrites the hard drive after every job. A Hard Disk Drive (HDD) Encryption feature further protects valuable data, even if the hard drive is stolen.
- Restrict access to devices or specific features—such as document scanning—with LDAP authentication or optional Lanier Card Authentication Package. These features provide a proven solution for identifying users and controlling who accesses documents or data.





*The Lanier LD220SPF elevates efficiency with versatile all-in-one capabilities.*



- Minimize the threat of unauthorized users printing and reading confidential documents with optional Lanier Enhanced Locked Print. This feature requires users to enter a password before files are released for output. It also deletes the file automatically from the MFP's hard drive.
- Protect against the threat of wiretapping with encrypted PDF transmission. PDF data is automatically encrypted prior to transmission via Scan-to-Email and Scan-to-Folder.

### ***Timesaving Management Tools***

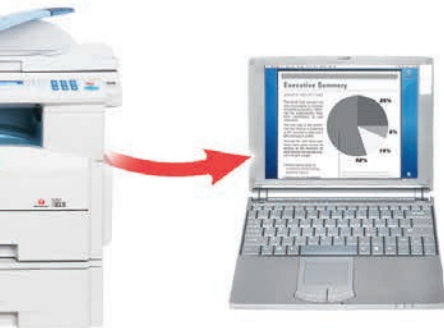
**Control key functions of the Lanier LD220SPF remotely and manage document workflow from your desktop with easy-to-use utilities.**

- Use the Classification Code feature to allocate print jobs to specific job numbers, clients, workgroups or projects. This allows for accurate and timely charge-backs.
- Manage system settings, print job status and supply levels—and perform a host of other administrative tasks—remotely with Web Image Monitor.
- View activity and control the output of multiple networked Lanier systems with our unique Web SmartDeviceMonitor.
- Replace the time and effort associated with manual meter data submissions with the automated simplicity of Lanier @Remote Intelligent Device Management System.
- Create customized applications or integrate existing software with an easy-to-use Software Development Kit (SDK). Use this kit to automate processes, optimize workflow or add accountability and efficiency to your network.

### ***Streamline Your Faxing***

**Discover a new world of communication options with today's advanced fax technologies. The Lanier LD220SPF provides powerful tools for highly efficient fax communications.**

- Speed communications and minimize phone line costs with a Super G3 fax modem that transmits each page in just two seconds.
- Send incoming faxes to selected e-mail addresses, so users can receive and review documents from any computer, even if they are away from the office.



*Receive incoming faxes at a specified e-mail address or send them to a folder and make critical documents accessible almost anywhere.*

- Minimize fax communication costs with advanced IP (T.38) faxing—which transmits fax documents instantly over IP networks—or with Internet (T.37) faxing.
- Save time and cut costs by sending fax documents to any destination without leaving your desk using a productive LAN faxing feature.

## ***Simplify Document Scanning***

**Scan a wide range of full-color documents, including brochures, photos, presentations, catalogs, business cards and more.**

- Save time and money by skipping overnight delivery services and distributing full-color documents to individuals via Scan-to-Email or to network folders via Scan-to-Folder.
- Create portable electronic documents from hard copies in seconds with the Scan-to-Media option, which loads scanned files directly to a USB drive or SD card.
- Send faxes and e-mails faster by retrieving numbers and addresses directly from your corporate address book with LDAP support.
- Add optional Lanier GlobalScan NX software for advanced scanning capabilities, including workflow automation and integration with Enterprise Document Management (EDM) systems.

## ***Build Your Network***

**The Lanier LD220SPF Digital Imaging System offers seamless integration with a wide range of stand-alone and networked environments. Broad compatibility ensures fast installation and maximum uptime.**

- Accommodate a wider range of print streams with PCL5e/6, support for XPS and genuine Adobe® PostScript®3™, now standard.
- Provide an efficient multifunction solution for offices with varying networking requirements. The system integrates seamlessly in Windows, Macintosh or UNIX environments with standard 10Base-T/100Base-TX Ethernet and USB 2.0 interfaces, as well as optional Gigabit Ethernet, IEEE 802.11a/b/g and IEEE 1284 interfaces.
- Print PDFs without opening each file in Adobe® Acrobat® with PDF Direct Print. This minimizes wait times and alleviates network congestion.



*Make any document portable with the easy and convenient Scan-to-Media option.*



*Maximize the productivity and versatility of the system with two optional paper trays for a total of four separate paper sources.*

## ***The Total Green Office Solution***



**Lanier continues its long-standing commitment to developing office solutions with environmentally friendly and superior energy- and supply-saving features, without compromising productivity.**

**LANIER****LD220SPF****GENERAL SPECIFICATIONS**

|   |  |
|---|--|
| Configuration                           | Desktop  |
| Scanning Element                        | Flatbed with CCD array image-sensor  |
| Printing Process                        | Laser beam scanning/marketing & electro-photographic printing  |
| Toner                                   | Dry, dual component  |
| System Memory (Std./Max.)               | 640 MB/640 MB + 80 GB HDD  |
| Output Speed                            | Up to 21 cpm (Letter)  |
| Warm-Up Time                            | Less than 30 seconds   |
| First Copy Time                         | 7.5 seconds or less  |
| Recovery Time (from Auto Off)           | Less than 10 seconds   |
| Copy Resolution                         | 600 x 600 dpi  |
| Grayscale                               | 256 levels   |
| Exposure Adjustment                     | Manual and automatic   |
| Multiple Copies                         | Up to 99   |
| Document Feeder (Standard)              | Automatic Reversing Document Feeder (ARDF)   |
| Original Capacity                       | 50 sheets  |
| Paper Sizes                             | Standard Tray: 5.5" x 8.5" to 8.5" x 11"<br>Optional Trays: 8.5" x 11" to 8.5" x 14"<br>Bypass Tray: 5.5" x 8.5" to 8.5" x 14"<br>Duplex Unit: 8.5" x 11" to 8.5" x 14"                          |
| Paper Weights                           | Standard/Optional Trays: 16 – 24 lb. Bond (60 – 90 g/m <sup>2</sup> )<br>Bypass Tray: 16 – 42 lb. Bond (60 – 158 g/m <sup>2</sup> )<br>Duplex Unit: 20 – 24 lb. Bond (75 – 90 g/m <sup>2</sup> ) |
| Exposure Glass                          | Up to 8.5" x 14"   |
| Input Capacity                          | Standard: 250 sheets + 100-Sheet Bypass Tray<br>Optional: 500 sheets x 1 or 2 Trays  |
| Output Capacity                         | 250-Sheet Internal Tray  |
| Paper Types                             | Plain paper, laser printer qualified transparencies, labels, envelopes   |
| Auto Duplex                             | Standard   |
| Zoom                                    | 50% to 200% in 1% increments   |
| Preset Reduction and Enlargement Ratios | 65%, 78%, 93%, 129%, 155%  |
| Dimensions (WxDxH)                      | 19.09" x 17.71" x 18.93"<br>(485 mm x 450 mm x 481 mm)   |
| Weight                                  | 63.93 lbs./29 kg.  |
| Power Requirements                      | 120V, 60Hz, 8A   |
| Standard Features                       | Auto Off Timer, Combine Copy, Duplex Copying, Electronic Sort, Energy Saver Timer, Photo Mode, Series Copy, User Codes   |

**PRINTER SPECIFICATIONS**

|                            |   |
|----------------------------|---|
| CPU                        | RM5231 400 MHz  |
| Memory Capacity            | Standard: 640 MB (128 MB Resident + 512 MB DIMM)<br>Optional: 80 GB HDD   |
| Page Description Languages | Standard: PCL5e/6, Genuine Adobe® PostScript®3™   |
| Maximum Print Resolution   | 600 x 600 dpi   |
| Standard Interfaces        | 10Base-T/100Base-TX Ethernet (RJ-45), USB 2.0   |
| Optional Interfaces        | IEEE 802.11a/b/g, IEEE 1284, Gigabit Ethernet   |
| Network Protocols          | TCP/IP (IPv4, IPv6), IPX/SPX, AppleTalk   |
| Fonts for PCL 5e/6         | 45 Roman Fonts  |
| Fonts for P53              | 136 Roman Fonts   |
| Network Operating Systems  | Windows 2000/XP/Vista/Server 2003/Server 2008/2007; Novell Netware 3.12, 3.2, 4.1, 4.11, 5.0, 5.1, 6.0, 6.5;<br>UNIX Filters for Sun Solaris 2.6/7/8/9/10; HP-UX 10.x/11.x/11i/2/11iv3; Red Hat Linux 6.x, 7.x, 8.x, 9.x, Enterprise; SCO OpenServer 5.0.6/5.0.7/6.0; IBM AIX V4.3 & 5L Version 5.1/5.2/5.3; Mac OS 8.6 – 9.x; OS X 10.2 or later<br>SmartDeviceMonitor for Admin and Client, Web SmartDeviceMonitor, Web Image Monitor |
| Utilities                  |   |

**OTHER PRINTER FEATURES**

Bonjour Support, Classification Code, Mail-to-Print, PDF Direct Print, Sample/Hold/Stored/Locked Print, Store and Print, WSD Printer

**SCANNER SPECIFICATIONS**

|                      |   |
|----------------------|---|
| Scanning Speed       | Embedded Scan-to-Email: 22 ipm @ 200 dpi BW; 10 ipm @ 200 dpi Full-Color  |
| Scanning Resolution  | 100 to 600 dpi  |
| Grayscale            | 256 levels  |
| Scan Area            | Main: 8.5" (216 mm)<br>Sub: 14.02" (356 mm)   |
| Compression Method   | BW: TIFF (MH, MR, MMR)<br>Grayscale: JPEG<br>Full-Color: JPEG   |
| Scan Mode            | BW: Text, Text/Line Art, Text/Photo, Photo, Grayscale<br>Full-Color: Text/Photo, Glossy Photo   |
| Standard Interfaces  | 10Base-T/100Base-TX   |
| Optional Interfaces  | IEEE 802.11a/b/g; 1000Base-T  |
| File Formats         | Single Page PDF, TIFF, JPEG, Multi Page PDF, TIFF   |
| Scan Modes Supported | Scan-to-Email (with LDAP support); Scan-to-Folder (SMB/FTP/NCP); Network TWAIN Scanning; Scan-to-Media (USB/SD optional); WSD Scanner (for Vista) |
| Standard Features    | Duplex Scanning, Embedded Scan-to-Email/Folder  |

**FAX SPECIFICATIONS**

|                     |  |
|---------------------|--|
| Type                | ITU-T (CCITT) G3   |
| Circuit             | PSTN, PBX  |
| Resolution          | 200 x 100 dpi, 200 x 200 dpi   |
| Modem Speed         | 33.6K – 2,400 bps with Automatic Shift Down  |
| Compression Method  | MH, MR, MMR, JBIG  |
| Scan Speed          | 2.0 seconds  |
| Transmission Speed  | G3: Approx. 2 seconds/page (w/JBIG compression)<br>G3: Approx. 3 seconds/page (w/MMR compression)  |
| Memory              | 4 MB (approx. 320 pages)   |
| Memory Backup       | 12 hours   |
| Quick/Speed Dials   | 16/150   |
| Group Dials         | 10 groups (max. 100 numbers per group)   |
| ID Code Programming | 4 digits   |
| User Function Key   | 3 keys   |
| Standard Features   | Detection of Misplaced Documents, Double Check Destination, Duplex Reception/Transmission, Serial Broadcasting, Fax Forward to Email/Folder, Internet Fax, IP Fax, LAN Fax, LDAP Support |

**PB1030 PAPER BANK (OPTIONAL)**

|                |  |
|----------------|--|
| Paper Size     | 8.5" x 11" SEF, 8.5" x 14" SEF               |
| Paper Weight   | 16 – 24 lb. Bond (60 – 90 g/m <sup>2</sup> ) |
| Paper Capacity | 500 sheets x 1 or 2 Trays                    |

**ADDITIONAL OPTIONS**

Accessibility Handle Type C, Counter Interface Unit A, FAC19 Cabinet, FAC44 Cabinet, Gigabit Ethernet Board Type A, Handset Type 1018, Hard Disk Drive Option Type 201<sup>1</sup>, HD-PLC Ethernet Adaptor, IEEE 1284 Interface Board Type A, IEEE 802.11a/b/g Interface Unit Type L, Java VM Card Type L, USB 2.0/SD Slot Type B

<sup>1</sup>Hard Disk Drive Option Type 201 includes Data Overwrite Security Unit and HDD Encryption.

**CONSUMABLES\***

Black Toner Cartridge 7K\*

\*Toner yield is based on 6% coverage.

For maximum performance and yield, we recommend using genuine Lanier parts and supplies.

[www.lanier.com](http://www.lanier.com)

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