Ricoh MP 2501SP

General Specifications

Scanning Element	One-dimensional solid scanning through CCD
Printing Process	Laser beam scanning/marking & electro-photographic printing
System Memory	Standard: 1 GB RAM (shared); Optional: 1.5 GB RAM maximum (shared), 250 GB HDD (shared)
Output Speed (Copy/Print)	Up to 25 ppm (Letter), 17 ppm (Legal), 14 ppm (Ledger)
First Copy Time	6 seconds or less
Recovery Time to Print Ready Mode	Less than 10 seconds
Warm-Up Time	Less than 20 seconds
Copy Resolution	600 dpi
Grayscale	256 levels
Exposure Adjustment	Manual and automatic
Multiple Copies	Up to 999
Document Feeder (Standard)	Automatic Reversing Document Feeder (ARDF), Capacity: 100 sheets
Paper Sizes	Standard Trays: 5.5" x 8.5" to 11" x 17" (A5 – A3)
	Bypass Tray: 5.5" x 8.5" to 11" x 17" (A6 – A3)
	Duplex Unit: 5.5" x 8.5" to 11" x 17" (A5 – A3)
	ARDF: 5.5" x 8.5" to 11" x 17" (A5 – A3)
Paper Weights	Standard Trays: 16 – 28 lb. Bond (60 – 105 g/m²)
	Bypass Tray: 16 Bond – 90 lb. Index (60 – 162 g/m²)
	Duplex Unit: 17 – 24 lb. Bond (64 – 90 g/m²)
	ARDF: 11 – 34 lb. Bond Simplex (40 – 128 g/m²), 14 – 28 lb. Bond Duplex (53 – 105 g/m²)
Exposure Glass	Up to 11" x 17" (A3)
Input Capacity	Standard: 250 sheets x 2 Trays + 100-Sheet Bypass Tray
	Optional: 500 sheets x 1 or 2 Trays
Output Capacity	250 sheets (internal tray), 100 sheets (1 Bin Tray Option)
Maximum Input Capacity	1,600 sheets
Paper Types	Plain, Recycled, Colored, Letterhead, Preprinted, Bond, Card Stock, Prepunched, Special, Thick*, OHP (Transparency)* Envelopes*, Label Stock*
Zoom	25% to 400% in 1% increments
Preset Reduction and Enlargement Ratios	50%, 65%, 78%, 93%,121%, 129%, 155%
Dimensions (WxDxH)	23.1" x 22.4" x 26.9" (587 mm x 568 mm x 683 mm) – includes ARDF
Weight	114.0 lbs./51.7 kg
Power Requirements	120V, 60Hz, 12A
Power Consumption	Less than 1.55 kW (max.)
Sleep Mode	0.5W
TEC	1.126 kWh/Week**
Standard Features	Auto Duplex, Auto Off Timer, Auto Paper Selection, Auto Start, Combine Copy, Electronic Sort, Image Rotation, Job Programs (25), Photo Mode, Series Copy, Simple Screen, User Codes (8 digits, 1,000 Personal Codes)
Optional Features	Document Server[1]

*Bypass Tray only

**Typical electricity consumption by ENERGY STAR program

Printer (Standard)

CPU	RM7035C – 533 MHz
Page Description Languages	Standard: PCL5e/6; Optional: Genuine Adobe® PostScript®3, Universal Driver
Maximum Print Resolution	600 x 600 dpi
Standard Interfaces	Ethernet (RJ-45 network port: 10BASE-T/100BASE-TX/1000BASE-T), USB 2.0 Type A and B
Optional Interfaces	IEEE1284, Wireless LAN (IEEE802.11a/b/g)
Network Protocols	TCP/IP (IPv4, IPv6), IPX/SPX[2]
Fonts for PCL 5e/6	45 Roman fonts and 13 International fonts
Fonts for PS3	136 Roman fonts
Network Operating Systems	Windows XP/Server 2003/Vista/Server 2008/7; Novell Netware 6.5 and later; UNIX Filters for Sun Solaris 2.6/7/8/9/10; HP-UX 10.x/11.x/11iv2/11iv3; Red Hat Linux Enterprise V4, V5, V6; SCO OpenServer 5.0.6/5.0.7/6.0; IBM AIX Version 5.3, 6.1, 7.1; SAP R/3, 3.x or later, mySAP ERP2004 or later; Mac OSX 10.5 or later; Citrix Metaframe XP/ Presentation Server 4/4.5/XenApp 5.0, 6.0, 6.5
Utilities	SmartDeviceMonitor for Admin and Client, Web SmartDeviceMonitor, Web Image Monitor
Standard Features	Mobile Driver, Bonjour Support, Classification Code, PDF Direct Print, Windows Active Directory Support, DDNS Support, WS Printer, PCL Resident Font Adoption, Tray-Parameter Change from WebImageMonitor, XPS Support
Optional Features	Media Direct Print (Print from USB/SD)[1], Mail to Print[1], Sample/Hold/Stored/Locked Print[1], Store and Print[1], Auto Job Promotion[1]

Scanner (Standard)

Scanning Speed	50 ipm @ 300 dpi B&W (Letter/A4)
	25 ipm @ 300 dpi Full-Color (Letter/A4)
Scanning Resolution	Up to 600 dpi
Scan Area	Main: 11" (297 mm)
	Sub: 17" (432 mm)
Compression Method	B&W: MH (default), MR, MMR, JBIG2
	Full-Color: JPEG
Scan Mode	B&W: Text, Text/Line Art, Text/Photo, Photo, Grayscale
	Full-Color: Text/Photo, Glossy Photo, ACS
Standard Interfaces	Ethernet 10Base-T/100Base-TX, Gigabit Ethernet (1000Base-T)
Optional Interfaces	Wireless LAN (IEEE 802.11a/b/g)
File Formats	Single/Multi Page TIFF, Single/Multi Page PDF, Single/Multi Page High Compression PDF and Single/Multi Page PDF/A; Single Page JPEG
Scan Modes Supported	Scan-to-USB/SD; Scan-to-Email (POP, SMTP, IMAP4); Scan-to-Folder (SMB/FTP/NCP[2]); Scan-to-URL[1]; Network TWAIN Scanning; WSD Scanner
Standard Features	PDF Encryption, Drop Out Color Send, Scan-to-Email/SMB/FTP, LDAP Support, TWAIN Scanning
Optional Features	Preview Before Transmission (TX Preview)[1], Scan to URL[1]

Fax (Optional)

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 Auto Fallback
Compression Method	MH, MR, MMR, JBIG
Scan Speed	2 seconds (Letter)
Transmission Speed	Approx. 2 seconds/page (JBIG)
Memory	4 MB (approx. 320 pages)
Memory Backup	1 hour
Quick/Speed Dials	1,000 (2,000 with HDD Option)
Group Dials	100 groups (max. 500 numbers per group)
User Function Key	3 keys
Standard Features	Detection of Misplaced Documents, Double Check Destination Address, Direct SMTP, Fax Forward to Email/Folder, LDAP Support, Internet Fax (T.37), IP Fax (T.38), LAN Fax
Optional Features	Paperless Fax[1], Remote Fax[1]

Paper Feed Unit PB2000 (Optional)

Paper Size	5.5" x 8.5" to 11" x 17" (A5 – A3)
Paper Weight	16 – 28 lb. Bond (60 – 105 g/m²)
Paper Capacity	500 sheets x 1 Tray
Dimensions (WxDxH)	21.8" x 21.6" x 5.4" (553 x 548 x 137 mm)
Weight	26.5 lbs. (12 kg)

Paper Feed Unit PB2010 (Optional)

Paper Size	5.5" x 8.5" to 11" x 17" (A5 – A3)
Paper Weight	16 – 28 lb. Bond (60 – 105 g/m²)
Paper Capacity	500 sheets x 2 Trays
Dimensions (WxDxH)	21.8" x 21.6" x 10.7" (553 x 548 x 271 mm)
Weight	55.1 lbs. (25 kg)

FAC59 Tall Cabinet
(Required for installation with base model to bring the device up to the optimal height)

Dimensions (WxDxH)	29.7" x 27.2" x 16" (755 x 692 x 406 mm)
Weight	26.0 lbs. (11.8 kg)

Short Cabinet Type E
(Required with installation of Paper Feed Unit PB2010 or PB2000 to bring the device up to the optimal height)

Dimensions (WxDxH)	21.8" x 20.7" x 8.5" (553 x 525 x 215 mm)
Weight	24.0 lbs. (10.9 kg)

Additional Options

1 Bin Tray BN2010, HDD Option Type M1, IEEE 1284 Interface Board Type A, IEEE802.11a/g Interface Unit Type J, VM Card Type U, File Format Converter Type E, Browser Unit Type M1, SD Card for NetWare Printing Type M1, Optional Counter Interface Unit Type A, Copy Data Security Unit Type G, PostScript 3 Unit Type M1, Memory Unit Type M1 1.5 GB, Fax Connection Unit Type M1, FM8006 Bracket MP 2501 and External USB Keyboard

Security

Standard Features: SMTP over SSL; Authentication (Windows/LDAP/Kerberos/Basic/User Code/802.1.x Wired); Encryption (Address Book/Authentication Password/SSL Communication/IPsec; Network Protocol (Port) On/Off; IP Filtering; RAM Based Security when HDD is not installed

Optional Features: Quota Setting/Account Limit[1], DataOverwrite Security[1], Locked Print[1], HDD Encryption[1], Copy Data Security Unit, S/MIME[1]

[1] HDD option required

[2] Netware option required

Some features may require additional options.

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

Specifications are subject to change without notice.

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