

**Ricoh Aficio MP 161/MP 161F/MP 161SPF**  
Digital Imaging Systems  
Impressive Capabilities, Compact Size.

**RICOH**



compact



convenient



productive



# Ricoh Aficio MP 161/MP 161F/MP 161SPF

The all-in-one system with the compact design.

The RICOH® Aficio® MP 161 Series bundles big-system capabilities into a small-footprint that can be the single answer to your document needs: B&W copying, printing and faxing, full-color scanning and advanced digital distribution.



# CompactAffordableFlexible

## Compact flexibility

Today you need the ability to communicate your ideas and manage your documents almost instantly in many different ways. The Ricoh Aficio MP 161 Series expands your capabilities, allowing you to handle virtually any document management task quickly and easily.

- Copy, scan and fax large documents such as booklets, brochures and over-sized pages with the legal-size platen.
- Scan your original documents just once, then go back to work while the Ricoh Aficio MP 161 Series produces all the copies you need.

## Compact productivity

Getting more done in less time at a lower cost is one of the basic promises of the Ricoh Aficio MP 161 Series.

- 16 pages-per-minute output gives you the speed you need to finish your projects on time without waiting.
- Ricoh's Refined Print Command Stream (RPCS) print driver allows you to create fast, one-click print functionality for even the most complex print jobs.
- PDF Direct Print helps eliminate network congestion by quickly printing PDFs without opening the application.

## Impressive cost savings

The Ricoh Aficio MP 161 Series is not only a valuable addition to your office or workgroup, but also a good investment that can help you minimize document costs.

- Eliminate the need to purchase and maintain up to four separate office devices and their supplies.
- Significantly reduce your paper usage, postage and hardcopy storage costs by being able to print both sides of your documents automatically.
- Reduce hard copy collation costs by automatically sorting copies.
- Produce copies, prints and faxes at a low copier cost/page.

## Compact scanning power

Color scanning gives you the power to immediately scan and send brochures, business cards, photos or other important documents, maximizing the impact of your communications.

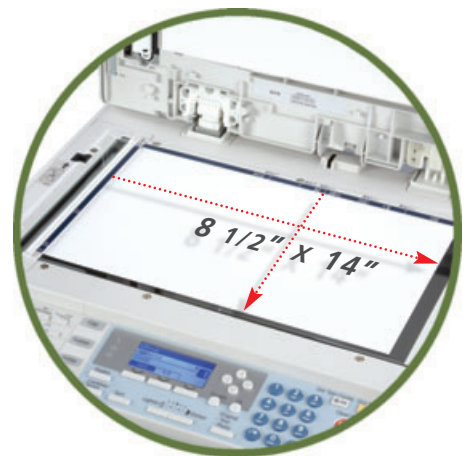
- Distribute scanned documents—in full color—directly to e-mail addresses through embedded Scan-to-E-mail, or to network folders via Scan-to-Folder, meeting tight deadlines faster and eliminating overnight delivery charges.
- LDAP support allows you to save time and prevent misdials by calling up fax numbers and e-mail addresses directly from your corporate address book.
- Protect your critical scanned documents with security features such as encrypted PDF transmission. Additional security, including User Authentication, ensures overall document protection by verifying the user's identity before allowing system access.



Quickly scan your existing color brochures, photos and other documents up to 8 1/2" x 14" and send them instantly with Scan-to-E-mail or Scan-to-Folder.



Automatic duplexing can literally cut your paper costs in half by allowing you to copy or print on both sides of a sheet of paper.



Legal-size platen expands your capabilities to copy, scan or fax large documents up to 8 1/2" x 14".



# CopyPrintScanFax

## Compact faxing power

**In most offices today, documents exist in both hardcopy and digital form. That's why you need the faxing power of the Ricoh Aficio MP 161 Series, which can handle incoming and outgoing documents of all types.**

- Cut phone costs with Super G3 Faxing—you can send documents in as little as two seconds per page.
- Fax bound originals without having to create single-sided documents first, thanks to the platen-based design that allows you to scan and fax directly from the original.
- Protect your inbound/outbound faxes during power outages for up to 12 hours.
- Maximize your communications with advanced fax features such as LAN Fax, Internet Fax and IP Fax, which utilize the power of the Internet and your networks while lowering your costs.
- Improve document security and convenience by routing inbound faxes directly to designated e-mail addresses or network folders.

## Compact connectivity

**Whether your office or workgroup is comprised of stand-alone or networked PCs, the Ricoh Aficio MP 161 Series includes all you need to connect.**

- Connect directly to a stand-alone PC or to your network with either standard 10Base-T/100Base-TX Ethernet or USB 2.0 interfaces.
- Connect quickly to non-networked PCs using the optional IEEE 1284 parallel interface.
- Optimize placement flexibility and eliminate unsightly cables with either IEEE 802.11b Wireless LAN or Bluetooth™ connectivity options.
- Simplify printing with PCL5e/6 and optional Adobe® PostScript® 3™.

## Compact device management

**The Ricoh Aficio MP 161 Series allows you to manage almost every aspect of your document workflow right from your desktop.**

- Conveniently access or change a single system's settings or view print job status from your desktop using Web Image Monitor.
- Manage all of your Ricoh networked resources with Web SmartDeviceMonitor.
- Send meter data automatically with the Ricoh @Remote, Intelligent Management System.



## Your Environmental Partner



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

- Quick Start-Up (QSU) Technology
- Power-saving Sleep Mode
- Duplex and Combine Copy Modes
- Toner Recycling
- Low Noise Levels
- Minimal Ozone Emissions
- Restriction of Hazardous Substances Compliant (RoHS)

# CompactAffordableFlexible

## Expanded capabilities for easy document management.



## Functionality Overview



### Ricoh Aficio MP 161

- Copying
- Printing (optional)
- Scanning (optional)



### Ricoh Aficio MP 161F

- Copying
- Super G3 Faxing



### Ricoh Aficio MP 161SPF

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

# Ricoh Aficio MP 161/MP 161F/MP 161SPF Aficio®

## System Specifications

### Engine/Copier Specifications

<b>Configuration</b>	Console
<b>Scanning Element</b>	Flatbed with CCD Array Image Sensor
<b>Printing Process</b>	Laser Beam Scanning/Marking & Electrophotographic Printing
<b>Toner</b>	Dry, Dual Component
<b>System Memory (std./max.)</b>	16 MB/384 MB (MP 161) 128 MB/128 MB (MP 161F) 384 MB/384 MB (MP 161SPF)
<b>Document Feeder</b>	Standard 50-sheet ARDF
<b>Copy Resolution</b>	600 x 600 dpi
<b>Grayscale</b>	256 levels
<b>Exposure Adjustment</b>	Manual & Automatic
<b>Quantity Indicator</b>	Up to 99
<b>Original Type</b>	Sheet
<b>Maximum Original Size</b>	Up to 8.5" x 14"
<b>Copy Size</b>	Up to 8.5" x 14"
<b>Copy Type</b>	Plain Paper, Envelopes, Transparencies (through Bypass Tray)
<b>Warm-Up Time</b>	Less than 10 seconds (MP 161) Less than 30 seconds (MP 161F/MP 161SPF)
<b>First Copy Speed</b>	7.5 seconds or less
<b>Continuous Copying Speed</b>	16 cpm – Simplex 9 cpm – Simplex to Duplex
<b>Recovery Time (from Auto Off)</b>	Less than 10 seconds
<b>Power Source</b>	120 V/60 Hz
<b>Dimensions (WxDxH)</b>	19.09" x 17.72" x 19.33"
<b>Weight</b>	59.53 lbs. (MP 161) 63.93 lbs. (MP 161F/MP 161SPF)
<b>Standard Paper Capacity</b>	250 sheets x 1 Tray and 100-sheet Multi Bypass Tray
<b>Optional Paper Capacity</b>	500 sheets x 1 Tray
<b>Paper Size</b>	5.5" x 8.5" to 8.5" x 11" (Standard Tray) 5.5" x 8.5" to 8.5" x 14" (Bypass Tray) 8.5" x 11" to 8.5" x 14" (Duplex Unit)
<b>Paper Weight</b>	16 to 24 lb. Bond (Standard Tray) 16 to 42 lb. Bond (Bypass Tray) 20 to 24 lb. Bond (Duplex Unit)
<b>Reduction Ratios</b>	65%, 78%, 93%
<b>Enlargement Ratios</b>	129%, 155%
<b>Zoom</b>	50% to 200% in 1% increments
<b>Standard Features</b>	Auto Start, Combine Copy, Duplex Copying, Electronic Sort, Photo Mode, Series Copy (2 sided > 1 sided)

### Scanner Specifications

<b>Scanning Speed</b>	Embedded Scan-to-Email: 22 ipm @ 200 dpi B/W 9 ipm @ 200 dpi Color
<b>Scanning Resolution</b>	600 dpi
<b>Grayscale</b>	256 levels
<b>Scan Area</b>	8.5"/216 mm (Main) 14.02"/356 mm (Sub)
<b>Scan Mode</b>	Black & White: Text, Text/Line Art, Text/Photo, Photo, Grayscale Color: Full-color, Text/Photo, Glossy Photo
<b>Standard Interfaces</b>	10Base-T/100Base-TX
<b>Optional Interfaces</b>	IEEE 802.11b TCP/IP (Network) SMTP, POP3 (Sending E-mail) SMB, FTP, NCP (Scan-to-Folder)
<b>Memory Capacity</b>	384 MB Shared
<b>File Formats</b>	Single Page TIFF, PDF, JPEG Multi Page TIFF, PDF
<b>Standard Features</b>	Duplex Scanning, Embedded Scan-to-Email/Folder

### Printer Specifications

<b>Print Speed</b>	16 ppm
<b>CPU</b>	RM5231A 400 MHz
<b>Standard Interfaces</b>	10Base-T/100Base-TX, USB 2.0
<b>Optional Interfaces</b>	IEEE 1284, IEEE 802.11b, Bluetooth™
<b>Memory Capacity</b>	384 MB Shared
<b>Network Protocol</b>	TCP/IP (Ipv4, Ipv6), IPX/SPX, AppleTalk
<b>Network Operating Systems</b>	Windows® 9x/2000/NT4.0/Me/XP/Server 2003
<b>Utilities</b>	SmartDeviceMonitor™ Web SmartDeviceMonitor™ Web Image Monitor™ DeskTopBinder™ V5 Lite
<b>Page Description Languages</b>	RPCS™, PCL5e/6 (Standard), Adobe® PostScript®3™ (Optional)
<b>Print Resolution</b>	600 x 600 dpi, 300 x 300 dpi
<b>Fonts for PCL 5e/6</b>	35 Intelli fonts, 10 TrueType Fonts, 13 International Fonts
<b>Fonts for PS3</b>	136 Roman Fonts
<b>Standard Features</b>	Duplex Printing, Encryption/Encoding* Layout (N-Up) User Authentication*, User ID Watermarks *RPCS and PCL only.

### Fax Specifications

<b>Circuit</b>	PSTN, PBX
<b>Compatibility</b>	ITU-T G3
<b>Resolution</b>	200 x 100/200/400 dpi
<b>Compression Method</b>	MH, MR, MMR, JBIG
<b>Scanning Speed</b>	2.0 seconds (SEF)
<b>Modem Speed</b>	33.6Kbps with Auto Fallback
<b>Transmission Speed</b>	2 seconds (JBIG)
<b>Memory</b>	4 MB (320 pages)
<b>Memory Backup</b>	12 hours
<b>Quick Dials</b>	16 (out of 150 speed dials)
<b>Speed Dials</b>	150
<b>Group Dials</b>	10 (max. 100 numbers per group)
<b>ID Code Programming</b>	4 digits
<b>User Function Key</b>	3 keys
<b>Standard Features</b>	Dual Access, 12 Hour Backup, Serial Broadcasting

### Options

#### PS480 (500 sheets x 1) Paper Bank

<b>Paper Size</b>	8.5" x 11" SEF, 8.5" x 14" SEF
<b>Paper Weight</b>	16 to 24 lb. Bond
<b>Paper Capacity</b>	1 x 500 sheets

#### Printer Scanner Unit Type 161

Bundled Software includes: DeskTopBinder™ V5 Lite

#### Adobe® PostScript®3™ Unit Type 161

#### IEEE 1284 Interface Board Type A

#### IEEE 802.11b Interface Unit Type H

**Data Transmission Speeds** 1/2/5.5/11 Mbps

**Protocol** TCP/IP

**Connection Types** Ad Hoc Mode  
Infrastructure Mode

**Distance Between Devices** 151 to 1,300 feet  
(140 to 400 meters)

#### Bluetooth™ Interface Unit Type 3245

**Data Transmission Speeds** 1 Mbps

**Supported OS** Windows® XP, 2000, 98, SE, Me

**Distance Between Devices** 33 feet (10 meters)

#### Handset Type 1018

**RICOH**  
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