

## Paper Documents and Electronic Data Working in Unison

Any office needs to maximise its efficiency by sorting information into paper documents and electronic data. Information that needs to be saved or distributed, especially widely, should be in electronic form. Information that is used for quick reference needs to be on paper. The 160/161 series helps you organise your data in the way that makes it easiest to use.



## bizhub 160/161 Series

### Scanning Functions

Standard Colour Scanner **160** **160f** **161** **161f**

While the 160/161 series is a black-and-white machine, a TWAIN-compatible colour scanner comes standard. It can provide colour documents without the need to purchase a separate flatbed scanner. With the additional realism of colour, scanned data can add extra power to any document.

Scan to E-mail/Scan to FTP\* **160f** **161f**

With Scan to E-mail, attaching scanned data to an e-mail is quite simple. Scan and send information with user-friendly, standard TIFF/PDF formats. This function lets you send data quickly and helps increase business efficiency. Scan to FTP lets you upload scanned data to an FTP server giving you a convenient way to create a data-sharing environment within your work group.

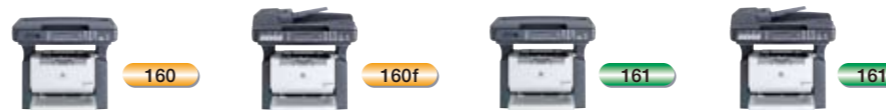
For speedy scanning, use the Automatic Document Feeder (ADF) that holds up to 50 originals. Continuous scanning of all 50 sheets is possible.

\* The optional Network Interface Card NC-501 and Scanner Unit SU-502 are required.



### Four models to choose from:

Features  
 • Standard equipment  
 + Optional  
 - Unavailable



Copy	160	160f	161	161f
Automatic Document Feeder	+	•	+	•
Electronic Sort/2-in-1 Copy	+ (when DF-501 is attached)	•	+ (when DF-501 is attached)	•
Colour TWAIN	•	•	•	•
Scan to E-mail/Scan to FTP	-	+ (when NC-501 and SU-502 are attached)	-	+ (when NC-501 and SU-502 are attached)
GDI	•	•	-	-
Network GDI	-	+ (when NC-501 is attached)	-	-
PCL	-	-	•	•
Network PCL	-	-	+ (when NC501 is attached)	+ (when NC-501 is attached)
Super G3	-	•	-	•
Forwarding Function (Send to Fax)	-	•	-	•
Forwarding Function (Send to E-mail)	-	+ (when NC-501 and SU-502 are attached)	-	+ (when NC-501 and SU-502 are attached)
Internet Fax	-	+ (when NC-501 and SU-502 are attached)	-	+ (when NC-501 and SU-502 are attached)
Direct Fax from PC*	-	+ (when NC-501 and SU-502 are attached)	-	+ (when NC-501 and SU-502 are attached)

\* The optional Unimessage Pro and Unimessage I-net Portal applications are required. (Availability may differ depending on regions.)

### bizhub 160/160f/161/161f Specifications

General	
Standard Functions	160/161: Digital Copier/Printer/Colour Scanner 160f/161f: Digital Copier/FAX/Printer/Colour Scanner
Type	Desktop
Process	Laser Electrostatic
Memory	Standard: 16MB Optional: 32MB
Gradation	256 levels
Type of Originals	Sheets, Books
Original Size	Max. A4 (Legal)
Paper Capacity	Standard: 250 sheets (Multi-purpose Tray) + 10 sheets (Bypass) Optional: 500 sheets (Second paper cassette)
Output Size	A6 to A4 (Legal) (3-1/2" x 5-1/2" to 8-1/2" x 14")
Materials	Plain paper (60 - 90g/m <sup>2</sup> ), Recycle paper (60 - 90g/m <sup>2</sup> ), Thick paper (91 - 163g/m <sup>2</sup> ), OHP transparencies*, Letterhead*, Laser-quality labels*, Envelopes* * Multi-purpose Tray, Bypass
Warm-up Time	Less than 25 sec.
First Copy Speed	Less than 13 sec. (Fastest 8 sec.)
Copy Speed	16 pages/min.
Resolution	600dpi x 600dpi
1-to-1 Speed	12 pages/min.
Multiple Copy	Up to 99 sheets
Magnification	x0.25 - x4.0 (Adjustable in 0.01 steps)
Exposure Modes	Text Mode, Photo Mode, Auto Mode
Power Requirement	220-240V, 3.8A (50/60Hz)
Power Consumption	850W or less
Dimensions (W x H x D)	160/161: 508 x 608 x 408mm (20" x 24" x 16") 160f/161f: 508 x 608 x 468mm (20" x 24" x 18-1/2")
Weight	160/161: 14.9kg (32-3/4 lb.) 160f/161f: 17.3kg (38-1/4 lb.)

Standard Colour Scanner	
Type	Colour Scanner
Resolution	150dpi x 150dpi, 300dpi x 300dpi, 600dpi x 600dpi
Supported OS	Windows 98/Me/2000/XP
Driver	TWAIN
Interface	USB1.1

Facsimile (bizhub 160f/161f)	
Adaptation Circuit	General Circuit, PBX (Internal Circuit)
Modem Speed	33,600/31,200/28,800/26,400/24,000/21,600/19,200/16,800/14,400/12,000/9,600/7,200/4,800/2,400bps (Automatic fallback)
Transmission Speed	Less than 3 sec.
Scanning Resolution	Standard: 204dpi x 98dpi Fine: 204dpi x 196dpi Super Fine: 204dpi x 392dpi/408dpi x 392dpi
Max. Document Size	A4
Recording Size	A4
Compatibility	G3, Super G3, (F Code)
Data Compression Method	MH/MR/MMR/JBIG
Speed Dial	200
Programme Dial	4
One-Touch Dial	15
Transmitting Functions	Book Transmission, Timer Transmission, Confidential Mailbox Transmission, Polling Transmission, Broadcast, One-Touch Dialing, Speed Dialing, Group Dialing, Programme Dialing, Memory Transmission
Receiving Functions	Memory Reception, Polling Reception, Confidential Mailbox Reception, Closed Network Reception

### Product appearance, configuration and/or specifications are subject to change without notice.

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### Ecology & Environment

KONICA MINOLTA products are designed with the environment in mind.

- The Use of Recycled Materials
- Eco-friendly Toners
- Production at ISO Certified Factories



From consulting, system design, to operations, Konica Minolta offers total support to optimise your office output environment.  
<http://www.biz.konicaminolta.com/services/ops>

### Requirements for safe use

- Please read and follow the instruction manual to ensure safe operation.
- Only operate using appropriate power supply and voltage.
- Connecting the earth wire to an inappropriate place may cause explosion or electric shock. Please connect accordingly (Taiwan and the Philippines only).

### ISO15408 (EAL Level 3) Certification

These products comply with the security requirements of ISO15408 (EAL Level 3).  
 \* The ISO 15408 certification applies only to IT security capabilities. This certification is NOT a product guarantee.



KONICA MINOLTA

# bizhub 160/161 Series



"I'm at the Hub."

Compact, multifunctional desktop units with advanced network connectivity and fast output of 16 pages/min.\*



The essentials of imaging

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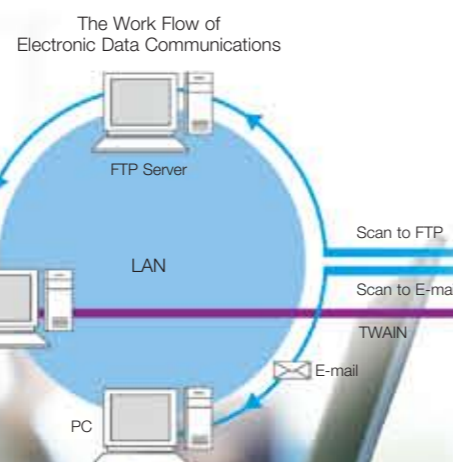
9251-3139-41 0102(E)-D1 Printed in Japan

# A Leap Forward in Business Communication



A multifunctional, compact and powerful business hub, the bizhub 160/161 series takes care of the breadth of your office needs. We've incorporated all of the key office equipment functions — copier, printer, scanner, and fax\* — into a single unit. With increased network functions and durability, the bizhub 160/161 series permits your office to gain the benefits of great network connectivity for seamless information distribution. With precise business communication any business will grow. **Make the hub work for you.**

\* 160f/161f only.



**The core benefits inherent in all Konica Minolta bizhub products.** Ubiquity. Data assets. High technology. At Konica Minolta, strict attention is always focused on ensuring that these three benefits are the heart of every bizhub product. Because it's these core benefits that empower you with the freedom to do business more intelligently.

## Printing Functions

**Enhanced Printing** 160 160f 161 161f  
Equipped with both parallel port and USB interfaces, the 160/161 series lets you output data from a wide range of PCs quickly and smoothly. Versatile printing options such as watermarks and N-up printing, which enables printing of up to 16 pages onto one sheet, reduce time and paper consumption.

**GDI Printer** 160 160f  
Offering full GDI support, the 160 and 160f print from a Windows PC at a quick 16 pages/min. at 300dpi and 12 pages/min. at the higher-quality 600dpi.

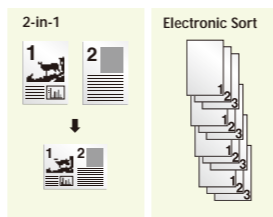
**PCL Printer** 161 161f  
The 161 and 161f are equipped with a PCL printer, which offers 16 pages/min. output at 600dpi x 600dpi superior image quality and a RIP Once function for increased productivity. The PCL printer expands your printing options and allows for advanced functionality that can save time.



## Convenient Functions

**Paper Handling** 160 160f 161 161f  
The 160/161 series can store a maximum of 750 sheets, thanks to an optional tray that can hold up to 500 sheets and a bypass tray that can hold up to 10 sheets. Load labels, envelopes, OHP film and other paper types onto the bypass tray for specialised document output.

**A Variety of Functions**  
The ADF\* enables 2-in-1 copying for copying two pages onto a single sheet of paper and an electronic sorting function that eliminates the need for tedious manual sorting. Additional features include a copy speed of a swift 16 pages/min. and a wide zoom range of 25% to 400% of the original document. All of these versatile and convenient functions support a smooth workflow.

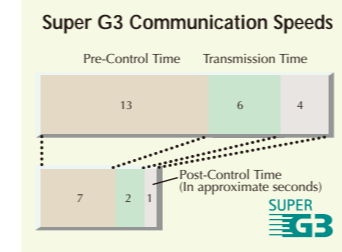


\* Comes standard with the 160f/161f, and as an option for the 160/161.

## Document Output

**Superior Imaging** 160 160f 161 161f  
Capable of producing 600dpi x 600dpi image quality, the 160/161 series enhances fine detail and makes text more legible. In the photo mode, the units are able to reproduce rich halftones.

## Fax Functions



**Super G3 Fax** 160f 161f  
The 160f and 161f serve as Super G3 faxes with standard JBIG data compression/decompression. Faxes can be sent in approximately 3 seconds\*1 over ordinary telephone lines.

**Speed Dial and Broadcast Function** 160f 161f  
Register up to a maximum of 231 recipients or 200 on Speed Dial and 15 on One-Touch Dial for easy and quick faxing. You can also enter up to 16 recipients on the Ten Key Dialing, and the same faxes or e-mails can be sent simultaneously to all destinations.

Note: An e-mail environment is required for forwarding to e-mail addresses.



**Fax Forwarding** 160f 161f  
Forward your received faxes to specified recipients without the need to print them. You can also forward your faxes as an e-mail attachment\*2.

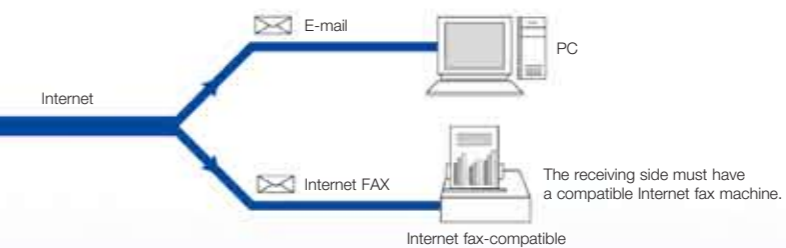
Note: An e-mail environment is required for forwarding to e-mail addresses.

**Direct Fax from PC**\*3 160f 161f  
This function allows you to send documents directly from a PC to a fax outside your workplace, thereby reducing image degradation and the need to print before faxing.

**Internet Fax**\*2 160f 161f  
The 160f and 161f also let you send and receive faxes over the Internet. This can mean lower costs when faxing a document to a long-distance location.

Note: An e-mail environment is required for forwarding to e-mail addresses.

\*1 Calculated when sending an A4 page containing approx. 700 characters at standard image quality. This includes only the time spent for electronic transmission of image data, and does not include paper feed or output times.  
\*2 The optional Network Interface Card NC-501 and Scanner Unit SU-502 are required.  
\*3 The optional Unimessage Pro and Unimessage I-net Portal applications are required. (Availability may differ depending on regions.)



## Cost-effective & User-friendly



**Universal Design Specifications Control Panel**  
Thanks to the 160/161 series' universal design, the control panel is easy to see and use. By paying meticulous attention to details — as seen in the large, smartly-positioned buttons, and displaying function descriptions in white characters against a dark gray panel — we've made the 160/161 series amazingly simple to operate.

**Front Access**  
Most functions that require handling by users are concentrated in the front of the units, offering convenient front access in order to replace paper and toner as well as clearing paper misfeeds.

**Integrated Cartridge**  
To save on running costs, the 160/161's toner and drum cartridges are separate units. This setup maximises the durable drum cartridge's life span, allowing you to fully utilise it.

