

bizhub 451i Black & White A3 multifunctional





CUSTOMER BENEFITS



Secure network integration, data encryption, storage drive overwrite, and advanced user authentication



Productivity

Reliability, high-speed scanning and printing, combined with powerful finishing functions



Sustainability

Numerous eco features reduce energy consumption and costs



Intuitive operability

Operate the bizhub like a smartphone or tablet with fully customised user interface



Application ecosystem

Enhanced efficiency thanks to Konica Minolta's extensive applications portfolio



ServicesEfficient printer fleet management, including automatic con-sumables delivery, pro-active maintenance and remote setup

OPTIONS



OCR text recognition

Barcode fonts Unicode fonts LK-107

OCR A and B fonts

Document converter pack LK-110v2

ThinPrint® client

Trusted Platform Module

Antivirus





Fax board FK-514 Wireless LAN UK-221

х2

OR

USB I/F kit

USB I/F kit

Card authentication

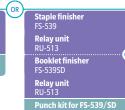
Mount kit MK-735

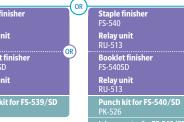














Z-fold unit for FS-540/SD ZU-609



above it

FINISHING FUNCTIONALITIES















Half-fold















stapling

stapling

punching

punching

Duplex

mixplex/

insertion

Letter-fold

Booklet

Offset sorting

Z-fold

printing

Stapling (offline)

DESCRIPTION

ENHANCED FEATURES	
LK-104v3 Voice Guidance	Enables easy to follow audio guidance for visually impaired users.
	Requires KP-102.
LK-105v4 OCR text recognition	Searchable PDF and PPTX
LK-106 Barcode fonts	Supports native barcode printing
LK-107 Unicode fonts	Supports native Unicode printing
LK-108 OCR A and B fonts	Supports native OCR A and B font printing
LK-110v2 Document converter pack	Generates various file formats incl. DOCX, XLSX and PDF/A
LK-111 ThinPrint® client	Print data compression for reduced network impact
LK-115v2 Trusted Platform Module	Trusted Platform Module for protection of data encryption
	and decryption
LK-116 Antivirus	Bitdefender® antivirus provides real time scanning of all
	incoming and outgoing data
CONNECTIVITY	
FK-514 Fax board	Super G3 fax, digital fax functionality
UK-221 Wireless LAN	Wireless LAN and wireless LAN Access Point Mode
EK-608 USB I/F kit	USB keyboard connection
EK-609 USB I/F kit	USB keyboard connection; Bluetooth
ID card reader	Various ID card technologies
MK-735 Mount kit	Installation kit for HID card readers
OTHERS	
WT-506 Working table	Authentication device and Offline stapler placement
FS-P04 Offline Stapler	Offline stapler, 20 sheets stapling
KP-102 10-Key pad	For use instead of touchscreen
SC-509 Security kit	Copy guard function
EM-908 Replacement SSD	1 TB SSD to increase storage space
KH-102 Keyboard holder	To place USB keyboard
CU-102 Air cleaning unit	Improving indoor air quality by reduced emission

MEDIA INPUT	
IM-103 Intelligent media sensor	Autodetects paper weight and type
PC-216 2x Universal tray	2x 500 sheets, A5-A3, 52-256 g/m ²
PC-416 Large capacity tray	2,500 sheets, A4, 52-256 g/m ²
PC-417 Large capacity tray	1,500 + 1,000 sheets, A5-A4, 52-256 g/m ²
DK-516 Copier desk	Provides storage space for print media and other materials
LU-302 Large capacity tray	3,000 sheets, A4, 52-256 g/m ²
LU-207 Large capacity tray	2,500 sheets, A4–SRA3, 52–256 g/m ²
MK-730 Banner tray	Multipage banner feeding
MEDIA OUTPUT	
OT-513 Output trav	Output tray used instead of finisher
S-508 ob separator	Separation of fax output; etc.
FS-533 Inner finisher	50-sheet stapling, 500 sheets max. output
MK-607 Attachment kit	For FS-533 installation
PK-519 Punch kit for FS-533	2/4 hole punching, autoswitching
FS-539 Staple finisher	50 sheets stapling; 3,200 sheets max. output
FS-539SD Booklet finisher	50 sheets stapling; 20 sheets booklet finisher;
	2,200 sheets max. output
PK-524 Punch kit for FS-539/SD	2/4 hole punching; autoswitching
FS-540 Staple finisher	100 sheets stapling; 3,200 sheets max. output
FS-540SD Booklet finisher	100 sheets stapling; 20 sheets booklet finisher;
	2,700 sheets max. output
PK-526 Punch kit for FS-540/SD	2/4 hole punching; autoswitching
RU-513 Relay unit	For FS-539/SD or FS-540/SD installation
S-602 ob separator for FS-540/SD	Separation of fax output; etc.
PI-507 Post inserter for FS-540/SD	Cover insertion; post finishing

Z-fold for A3 prints

TECHNICAL SPECIFICATIONS

SYSTEM SPECIFICATIONS

Large capacity tray (optional)

 $System\,speed\,A4$

$System\,speed\,A3$ Up to 22 ppm $\,$ Up to 45 ppm Autoduplex speed A4 1st page out time A4 3.8 sec. Warm-up time Approx. 12 sec.¹ Imaging technology Laser Toner technology Simitri® V polymerised toner Panel size/resolution 10.1" / 1024 x 600 System memory 8 GB (standard/max) System hard drive 256 GB SSD (standard) / 1 TB SSD (optional) Interface 10/100/1,000-Base-T Ethernet; USB 2.0; Wi-Fi 802.11 b/g/n/ac (optional) TCP/IP (IPv4 / IPv6); SMB; LPD; IPP; SNMP; HTTP(S); Bonjour Network protocols Automatic document feeder Up to 300 originals; A6-A3; 35-210 g/m^2 ; Dualscan ADF ADF double feed detection Standard Printable paper size A6-SRA3; customised paper sizes; banner paper max. 1,200 x 297 mm Printable paper weight 52-300 g/m² Paper input capacity 1,150 sheets / 6,650 sheets (standard/max) Paper tray input (standard) 1x 500; A6-A3; custom sizes; 52-256 g/m² 1x 500; A5-SRA3; custom sizes; 52-256 g/m 2 2x 500 sheets; A5-A3; 52-256 g/m² Paper tray input (optional) 1x 2,500 sheets; A4; 52-256 g/m²

1x 1,500 + 1x 1,000 sheets; A5-A4; 52-256 g/m^2

 $1x\ 2,\!500;$ A4-SRA3; custom sizes; $52\text{-}256\ g/m^2$

 $1x\,3,\!000;A4;\,52\text{-}256\,g/m^2$

Up to $45\ ppm$

SYSTEM SPECIFICATIONS

ZU-609 Z-fold unit for FS-540/SD

Officety Croups Corty Ctomley Ctomley (offline), Dunchy Half folds
Offset; Group; Sort; Staple; Staple (offline); Punch; Half-fold;
Letter-fold; Booklet; Post insertion; Z-fold
A6-SRA3; 52-256 g/m ²
Up to 250 sheets / up to 3,300 sheets (standard/max)
Max. 100 sheets or 98 sheets + 2 cover sheets (up to 300 g/m^2)
Max. 200 sets
Max. 3 sheets
Max. 50 sets; unlimited (without tray)
Max. 20 sheets or 19 sheets + 1 cover sheet (up to 300 g/m²)
Max. 35 booklets; unlimited (without tray)
220-240 V / 50/60 Hz; Less than 1.58 kW
615 x 688 x 1025 mm (with lower cabinet)
Approx. 122.0 kg (with lower cabinet)

PRINTER SPECIFICATIONS

Print resolution	1,800 (equivalent) x 600 dpi; 1200 x 1200 dpi
Page description language	PCL 6 (XL3.0); PCL 5c; PostScript 3 (CPSI 3016); XPS
Operating systems	Windows 10 (32/64); Windows 11; Windows Server 2012;
	Windows Server 2012 R2; Windows Server 2016;
	Windows Server 2019; Windows Server 2022;
	macOS 10.14 or later; Unix; Linux; Citrix
Printer fonts	80 PCL Latin; 137 PostScript 3 Emulation Latin
Mobile printing	AirPrint (iOS); Mopria (Android);
	Konica Minolta Mobile Print (iOS/Android)
	optional: WiFi Direct

SCANNER SPECIFICATIONS

Scan speed	Up to 140/140 ipm in simplex (mono/colour)
	Up to 280/280 ipm in duplex (mono/colour)
Scan resolution	Up to 600 x 600 dpi
Scan modes	Scan-to-eMail (Scan-to-Me); Scan-to-SMB (Scan-to-Home);
	Scan-to-FTP; Scan-to-Box; Scan-to-USB; Scan-to-WebDAV;
	Scan-to-DPWS; Scan-to-URL; TWAIN scan
File formats	JPEG; TIFF; PDF; Compact PDF; Encrypted PDF; XPS; Compact XPS;
	PPTX; PDF/A 1a and 1b
	optional: Searchable PDF; Searchable DOCX/PPTX/XLSX
Scan destinations	2,000 destinations + 100 groups; LDAP support

CODIED SDECIFICATIONS

COFIER SPECIFICATIONS	
Copy resolution	600 x 600 dpi
Gradation	256 gradations
Multicopy	1-9,999
Original format	Max. A3
Magnification	25-400% in 0.1% steps: Auto-zooming

FAX SPECIFICATION

Fax standard	Super G3 (optional)
Fax transmission	Analogue; i-Fax; Colour i-Fax; IP-Fax
Fax resolution	Up to 600 x 600 dpi
Fax compression	MH; MR; MMR; JBIG
Fax modem	Up to 33.6 Kbps
Fax destinations	2,000 single + 100 groups

USER BOX SPECIFICATIONS

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Storable documents	Up to 3,000 documents or 10,000 pages
Type of user boxes	Public; Personal (with password or authentication);
	Group (with authentication)
Type of system boxes	Secure print; Encrypted PDF print; Fax receipt; Fax polling

SYSTEM FEATURES

SISILMITERIORES	
Security	ISO15408 Common Criteria (in evaluation);
	IP filtering and port blocking;
	SSL3 and TLS1.1/1.2/1.3 network communication; IPsec support,
	IEEE 802.1x support; User authentication; Authentication log;
	Secure print; Kerberos;
	Storage drive data encryption (AES 256); Confidential fax;
	Print user data encryption
	optional: Antivirus realtime scanning (Bitdefender®);
	Copy protection (Copy Guard, Password Copy)
Accounting	Up to 1,000 user accounts; Active Directory support (user name +
	password + e-mail + smb folder); User function access definition;
	Authentication by mobile device (Android)
	ID card authentication (ID card reader);
	Authentication by mobile device (iOS)
Software	Data Administrator; Web Connection; HDD Backup Utility;
	Driver Packaging Utility; Log Management Utility;
	Font Management Utility; Download Manager

- ¹ Warm-up time may vary depending on the operating environment and usage
- $^{\mathrm{2}}$ If the maximum volume is reached within a period of one year, then a maintenance cycle must be performed
- All specifications refer to A4-size paper of 80 g/m² quality.
 The support and availability of the listed specifications and functionalities varies depending on operating systems, applica-
- tions and network protocols as well as network and system configurations.

 The stated life expectancy of each consumable is based on specific operating conditions such as page coverage for a particular page size (6% coverage of A4). The actual life of each consumable will vary depending on use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and
- Some of the product illustrations contain optional accessories.
- Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.
- Konica Minolta does not warrant that any specifications mentioned will be error-free.
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