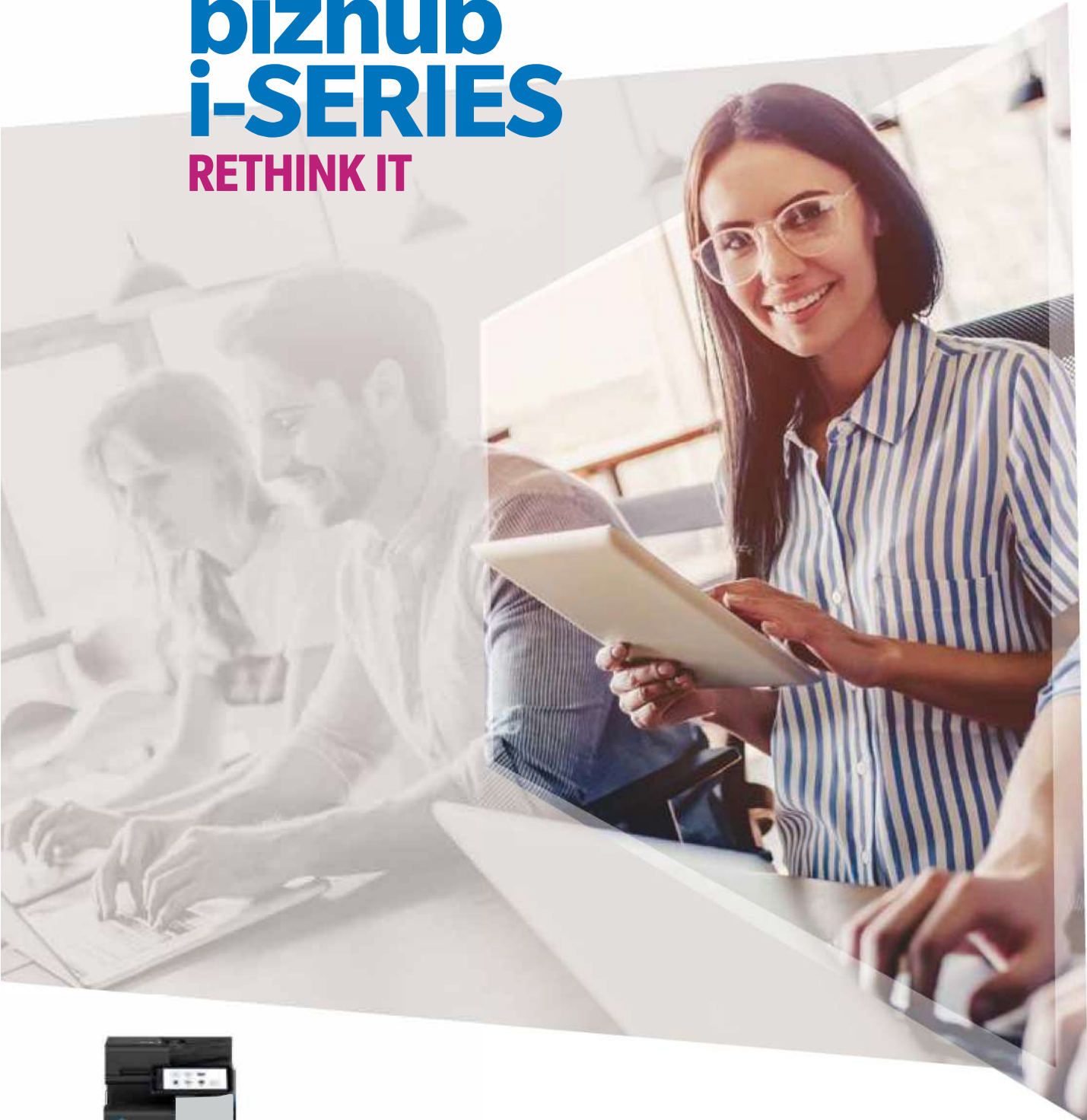**bizhub** 4750i
bizhub 4050i

A4 Monochrome Multifunctional Printers (MFP)

bizhub
i-SERIES
RETHINK IT

4750i
BW 47 PPM

4050i
BW 40 PPM

Giving Shape to Ideas

2nd Generation bizhub
bizhub i-SERIES

TOMORROW'S WORKPLACE TODAY
A NEW WAY OF WORKING HAS ARRIVED

i-SERIES
SIMPLIFYING WORK

The User Interface has been completely revamped with an operation panel screen with smart-device-style operability. Operation has been simplified by narrowing down functions and screen transitions to frequently-used functions.

Easy-to-use, new operation panel design

The operation panel features a new simple GUI (Graphical User Interface) design. Features including no hard keys and panel vibration feedback reflect familiar smart devices and enable easy use of a variety of IT services. Simplicity of operation has been achieved by concentrating on frequently-used functions to minimise functions and screen transitions.
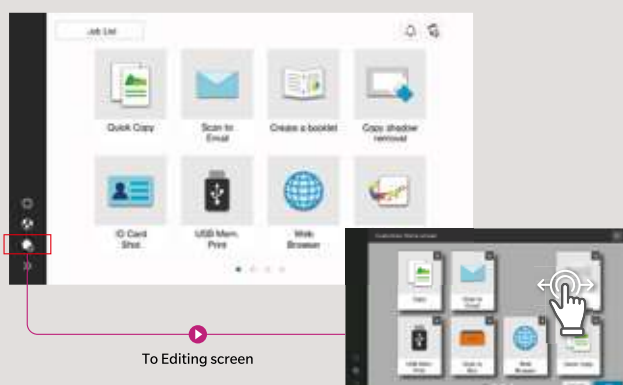
GUI operation panel with a choice of two panel styles

The user can switch between two panel styles as required: the new GUI Basic Style characterised by simple operation, and the conventional Classic Style utilising advanced settings and functions. Basic Style also offers an intuitive Simple Copy screen.

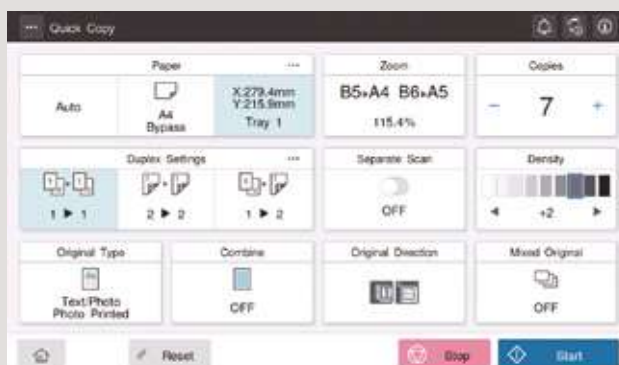| Home screen | The screen is divided into an Information Area and a Main Area which are customisable. | • Information Area: displays information such as settings menu buttons, ID button, and user name while logged in.
 • Main Area: access to functions such as copying, faxing and scanning. |

To Editing screen

| Quick Copy screen | The Quick Copy screen easily executes the intended task with minimal screen transitions | • Large buttons allow easy browsing and intuitive operation.
 • Options are displayed in a list and can be changed with just one touch. |

Delivering Simple, Secure and Convenient office work.
We innovate your business, processes and way of working.

| SIMPLE | SECURE | SUSTAINABLE |

Simplifying work

The operation panel design has been updated to reflect familiar smart device operation. It offers the user a smarter way of working.

Thoroughly protecting office information

Improved security of large-volume office data, and paper documents, significantly reduces the burden on IT managers.

Always at the forefront

Konica Minolta's remote services support governance and resolve executive concerns and issues.

Large, user-friendly touch panels

The bizhub 4750i series feature a newly developed 10.1-inch touch panel to deliver better legibility with smooth, intuitive, tablet-like operation.

Make tasks simple with purpose-specific apps

The bizhub 4750i series simplifies operation with on-screen animated instructions that guide users through tasks. Operations can be performed smoothly in just a few easy steps.

Adjustable tilt operation panel

The operation panel can be freely tilted to a maximum of 90 degrees to suit individual users.

Indicator lights

The bizhub 4750i series has been installed with a new LED light that gently harmonises with the environment. The LED, which indicates data receipt or accumulation, is located on the front of the MFP for easy recognition.

Data light (orange)
Flashing: Warning
Solid light: Error

Data light (blue)
Flashing: receiving data
Solid light: accumulating data

i-SERIES
THOROUGH PROTECTION OF OFFICE INFORMATION

Data security is an ongoing concern in the corporate world. Konica Minolta works tirelessly to keep clients' documents secure, in both digital and paper formats. By including cutting edge security functions in all Konica Minolta technologies, we aim to reduce the burden on IT administrators.
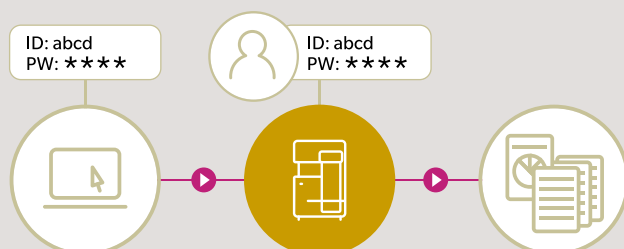
bizhub SECURE services

Data protection is a major issue for most companies. bizhub delivers advanced security settings through bizhub SECURE services, a total security setting service that provides greater protection for customer data stored in the SSD.

Encrypted SSD

The 4750i series is equipped with a new 256 GB encrypted SSD for heightened security. With very few device compatibility problems, and with full-time encryption, this constantly maintains a high level of security with no fuss.

Secure printing

By setting a password for documents on the printer driver screen, the document is stored on the MFP's SSD until the correct password is keyed in on the operation panel. The document is protected and will not be output until the password set for that document is matched. This is useful when you wish to print confidential documents or give permission for limited users to receive copies.

ID: abcd
PW: ★★★★

ID: abcd
PW: ★★★★

Use PC login user names for easy secure printing

The PC login profile can be used as an ID for secure printing, so the user can print easily and securely once logged in without the trouble of entering his or her ID each time.
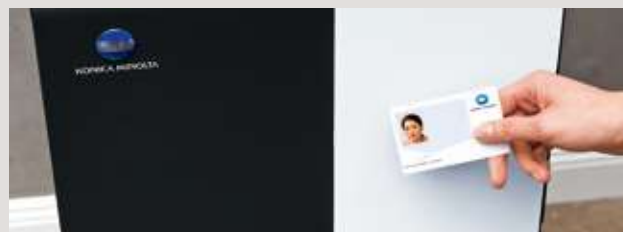
Various types of user authentication

Optimal authentication systems can be customised to suit office scale and pre-existing systems. The bizhub 4750i series also supports single sign-on (SSO) which enhances operability without sacrificing security.

Main unit authentication

Authentication can be performed through the bizhub alone. It is also possible to set detailed usage restrictions for functions, including copy, print, scan and fax.

Non-contact IC card authentication

Non-contact IC cards[*1] can be used to authenticate users[*2]. This also supports SSFC (Shared Security Formats Cooperation) specifications which enable integration of staff authentication with authentication systems. Apart from non-contact IC cards, authentication can also be carried out on NFC-compatible Android devices[*3].

*1 Non-contact IC cards are compatible with FeliCa (IDm), SSFC, FCF, FCF (Campus) and MIFARE (UID).
*2 Requires the IC card authentication device option.
*3 Requires an Android device later than Android 4.4, compatible with HCE (Post Card Emulation), and Konica Minolta Mobile Print.

Supports VLAN (Virtual LAN)

The bizhub 4750i series supports a VLAN function that splits multiple networks logically. Data can be isolated for each network, such as externally vs. internally connected networks, company dedicated vs. guest-only networks, or in shared offices so the bizhub can be used securely.

*For further details please contact your authorised Konica Minolta Representative.
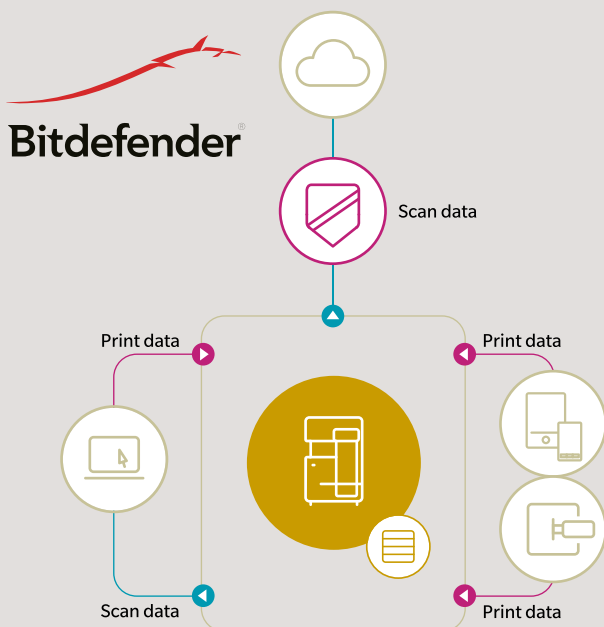
Virus scanning

The 4750i series can be equipped with robust antivirus software based on an embedded Bitdefender scan engine to ensure safe connection to devices including PCs, tablets, and USB flash drives. Scanning individual files means much finer virus detection than with the whitelist method alone. Latent viruses in the office are discovered through checking and notification when files are received. Checks are also conducted when files are output from the MFP which prevents dissemination of infected files. Further periodic checking of files in the MFP discovers risks in the network files and detects latent risks in the MFP. Real time virus scan jobs are available for print, scan and fax functions, while manual or scheduled virus scans are possible for folders such as SMB folders on the Box and SSD.

Requires i-Option LK-116.
Requires an internet environment.

Bitdefender®

Scan data

Print data

Print data

Scan data

Print data

Copy Protect Function

To prevent unauthorised copying, the bizhub 4750i series is equipped with the Copy Protect Function. This function imprints special text, such as "Confidential" and the date inconspicuously in the background of documents.

Encrypted PDFs

• Password encryption
Documents distributed in PDF format can be password encrypted.

• Digital ID encryption
Only authorised recipients with a private key can decrypt. This ensures a far more robust level of security than the previous public key system.

If encrypting with Digital ID, the email address (S/MIME send) to which the Digital ID has already been registered must be registered to the MFP's abbreviated address.
Requires the i-Option LK-102 v3.

• Electronic signatures
Electronic signatures certify (MFP) document authors, and also guarantee that the document has not been changed and is valid. Certifications by third party organisations can also be used.

When using electronic signatures, files should be encrypted using either a password or Digital ID.
Requires i-Option LK-102 v3.

Recognised high-level security ISO/IEC 15408 certification

To objectively prove the reliability of Konica Minolta MFP security functions, we have obtained the Common Criteria (CC) for Information Technology Security Evaluation (ISO/IEC 15408). The bizhub 4750i series has also obtained CC certification for compliance with HCD-PP v1.0 (Protection Profile for Hardcopy Devices).

Information security-related certification obtained for this product (and this system) demonstrates compliance with certification requirements as a result of evaluations based on specified evaluation standards and methods, but does not assure that the product (or the system) is completely without weaknesses.

Other major security features on the bizhub 4750i series
• SMTP authentication/POP before SMTP authentication enable security to be set when sending emails.
• SSL/TLS protocol enables encryption of data transmission between networks
• Storage Lock Password prevents unauthorised access to the SSD
• TPM (Trusted Platform Module) safely manages confidential information*
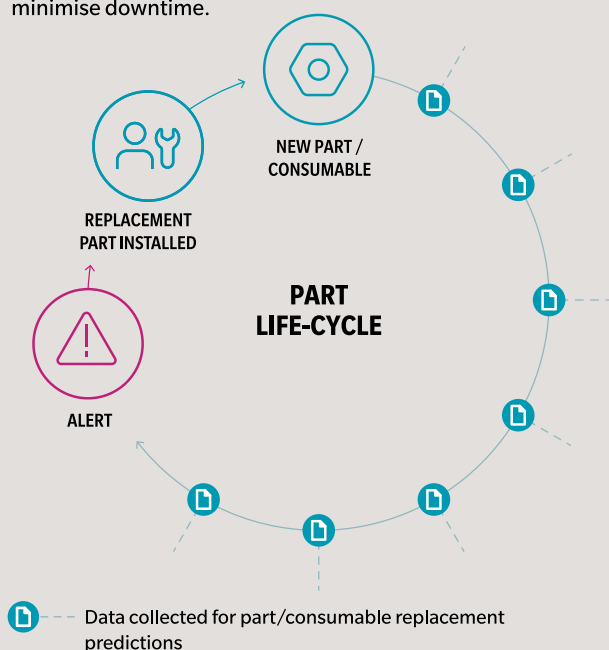 * Requires i-option LK-115 v2

i-SERIES
ALWAYS AT THE FOREFRONT

Konica Minolta remotely manages bizhub operating conditions and toner levels.

Worldwide Remote Service Platform

We developed new services leveraging IoT so users can focus on their core business. i-Series intelligently collects data for self-diagnostic and remote maintenance, as well as predicts the optimum replacement time for parts and consumables to minimise downtime.

NEW PART / CONSUMABLE

REPLACEMENT PART INSTALLED

PART LIFE-CYCLE

ALERT

Data collected for part/consumable replacement predictions

For more information, please contact your authorised Konica Minolta Representative.

bizhub Connectors

The operation panel connects to various cloud services[*1] and corporate internal server SharePoint 2007/2010/2013/2016[*1], enabling connectivity for scan data uploads or direct printing.

*1 Individual connector charges apply.
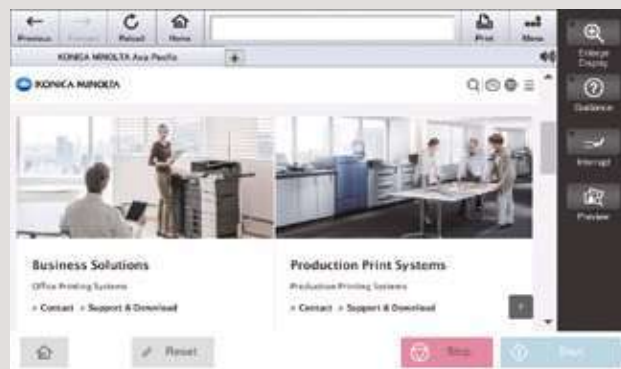
KONICA MINOLTA
MarketPlace

Animated guide

The animated guide demonstrates procedures such as handling paper jams and replenishing consumables. Following the instructions displayed on the operation panel ensures smooth operation.

Web browser function

The bizhub 4750i series supports a web browser function. Websites can be displayed on the operation panel and printed out. Pages in PDF files on the website can be specified and only the required sections printed.

High-performance quad-core CPU

A high performance Quad Core CPU improves overall system performance over the previous models. The extra CPU cores mean efficient parallel processing of applications, and seamless operation of cloud applications even during basic processing functions such as copying and printing.

HIGH PRODUCTIVITY

High A4 MFP functionality in a compact design realises convenience and excellent productivity while saving space.

Compact design that fits almost any office environment

The bizhub 4750i series has a compact footprint of 420 mm width and 528 mm depth. Its size lends itself to use in settings such as corporate back offices, deskside in small home offices, or as a departmental machine in large offices.

420 mm   528 mm

Same functions as an A3 MFP allows it to ideally harmonise with A3 bizhubs in the office

Despite its space-saving size, the bizhub 4750i series is equipped with a large 10.1-inch touch panel, providing the same operability as an A3 bizhub. In addition to sharing the same body design, it supports the same security and maintenance functions. It can harmonise ideally in the office together with an A3 bizhub according to location and the number of users.

Off-line stapler makes time-consuming stapling easy

The optional off-line stapler lets you quickly re-staple an original document that had its staple removed for scanning or copying, or when you need to staple multiple number of documents on the spot.

Accelerate business efficiency with 47 ppm high-speed printing and fast start-up

The bizhub 4750i is capable of high-speed monochrome printing up to 47 ppm (A4 portrait) and a fast First Copy Out time of 4.3 seconds or less. Large volumes of documents can be printed quickly to enhance business efficiency and productivity.

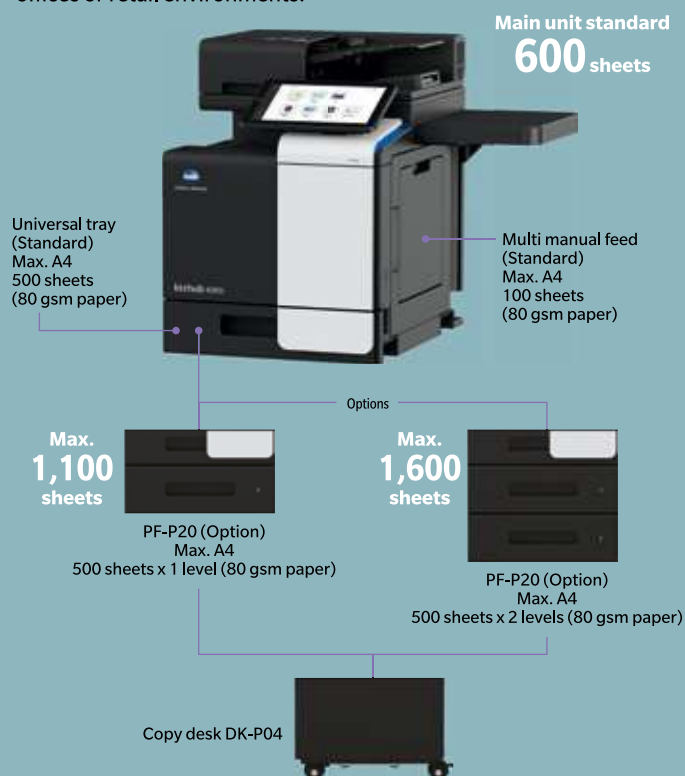|	Output speed	Warm-up time	First Copy Out time
	Monochrome Same high-speed printing A3 MFPs	High-speed power-up from turning on the main switch to ready to copy status.	Significantly reduced time from pressing the start button to the output of the first sheet.
4750i	**47** ppm	**17** sec or less	**4.3** sec or less
4050i	**40** ppm	**13** sec or less	**4.8** sec or less

Boost productivity with max. 1,600 sheet high volume paper capacity

Adding two optional 500-sheet paper feed units to the bizhub 4750i series' standard 500-sheet capacity paper feed unit and 100-sheet bypass tray enables a maximum of 1,600 sheets*.

* 80 gsm paper

Customisable according to usage and installation location

Customise the bizhub 4750i series to suit the office environment and usage settings. Configure as an A4 sub machine in large offices, or as a primary machine in small home offices or retail environments.

Main unit standard
600 sheets

Universal tray (Standard)
Max. A4
500 sheets
(80 gsm paper)

Multi manual feed (Standard)
Max. A4
100 sheets
(80 gsm paper)

Options

Max.
1,100 sheets

Max.
1,600 sheets

PF-P20 (Option)
Max. A4
500 sheets x 1 level (80 gsm paper)

PF-P20 (Option)
Max. A4
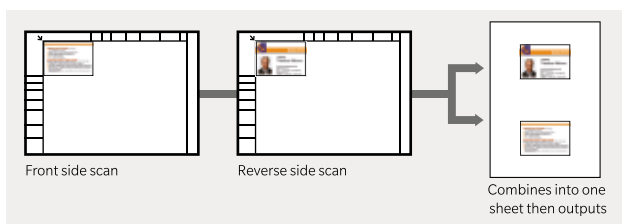500 sheets x 2 levels (80 gsm paper)

Copy desk DK-P04

COPY / PRINT

Equipped with advanced functions for monochrome MFPs.
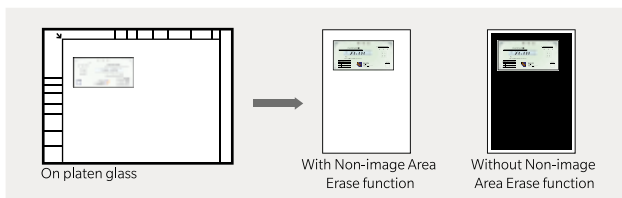Both Copy and Print functions exhibit outstanding performance.

Copy both sides of an ID card onto one sheet with Card Shot function

When copying both sides of an irregular-sized original, such as a license or business card, the front and back sides of the card can be automatically arranged to be printed on the same side of one sheet. Easy copying is possible by selecting the Card Shot app on the User Interface.

Front side scan

Reverse side scan

Combines into one sheet then outputs

Reduce toner consumption with the Non-Image Area Erase function

When copying with the cover open, such as for thick books, the original is automatically detected and the shadowy area around the original is omitted. This saves excess toner consumption. Easy operation is possible by selecting the relevant apps on the User Interface.

On platen glass

With Non-image Area Erase function

Without Non-image Area Erase function

Lightweight paper trays

Paper trays handle easily and open/close smoothly with a light press and pull motion. Trays can be removed for retrieval of jammed paper, which equates to less downtime.

Paper feed and manual feed trays for 60 to 210 gsm paper

Both the main unit paper feed tray and manual feed tray support a wide range of paper from 60 to 210 gsm.

Enhanced 1,200 dpi resolution

The bizhub 4750i series achieves a 1,200-dpi print resolution with superb ability to reproduce small font sizes and fine lines. Such faithful reproduction capability improves document legibility and produces beautiful, high-quality print-outs.

Slows down printing speed.

Feed error sensor*

bizhub 4750i series models can be equipped with a sensor in the document feeder to detect any double paper feeds. An error message is displayed allowing the paper to be reset by the user, so no pages go missing during copying via the document feeder.

*Optional UK-P19 required

Carbon Copy Function

Output both actual form documents and marked carbon copies at the same time in a single print job. The carbon copy function supports settings for any number of copies. This eliminates the need to repeat tasks and makes workflow smoother.

Print directly from your USB flash drive

bizhub 4750i series is equiped with a USB port, located on the side of the operation panel. After inserting a USB flash drive, printing procedures pop up in the touch screen, and the flash drive data can be directly printed or saved to a Box in the unit in a few easy steps.

May not operate correctly depending on the type of USB flash drive.
Supported file formats: PDF, compact PDF, JPEG, TIFF, XPS, compact XPS, and OOXML (.docx/.xlsx/.pptx).
Printing results may differ from the image on the PC screen.
Virus check function requires i-Option LK-116.

MOBILE

Offers a new workstyle through
advanced connectivity with mobile devices.

Mobile communications function

Connectivity with NFC-equipped Android devices

The operation panel has a mobile touch area compatible with
NFC-equipped devices. Installing Konica Minolta Mobile Print
on Android devices allows that device to be registered to the
bizhub. Just holding the Android device over the mobile touch
area enables the selected file to be printed. Scanned documents
in the bizhub can also be scanned and saved to Android devices
or cloud storage. Where user authentication is enabled, just
holding the Android device nearby allows log in.

Requires the Android device to be equipped with OS4.4 or later.
Requires a wireless LAN environment.

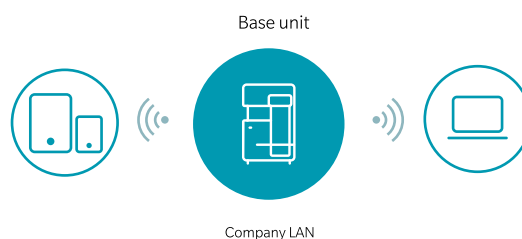### Bluetooth LE connectivity with iOS devices

Using Bluetooth LE (low energy), a bizhub close to the user can
be searched and registered with Konica Minolta Mobile Print. As
it is also supported with the iOS action button, printing and scan
data sharing from various applications can be smoothly
executed. Further, where user authentication is enabled,
Bluetooth LE can be used to log in.

Requires the device connection I/F kit EK-609 option.
Requires wireless LAN environment.

Create a wireless environment easily with wireless LAN/AP mode

bizhub 4750i series supports Simple Access Point (AP) Mode*,
which easily creates a local wireless LAN environment with only
the bizhub allowing a wireless LAN to be built separately from
the company LAN. Because it bypasses the company LAN, even
mobile devices brought in from outside can be securely
connected.

* Requires Upgrade Kit UK-221 option.

Base unit

Company LAN

Supporting a range of print services

Konica Minolta Mobile Print

This is a mobile application offered by Konica Minolta. With a simple and
intuitive user interface. Connecting a mobile device with the bizhub
allows fast, secure scan data acquisition, saving to and sharing cloud
storage, as well as document and image printing. Authentication Print
and Secure Print are also supported enabling worry-free printing of
confidential documents.

Works with
Apple AirPrint

mopria

SCAN

The Scan functions deliver high performance and high functionality from speed, quality and distribution to storage.

Outstanding scan performance

Automatic duplex, simultaneous scanning with the Dual Scan Document Feeder (DSDF), achieves high-speed colour scanning of 90 ipm (45 double-sided A4 sheets per minute). Up to 80 sheets* can be loaded at any one time, significantly reducing scanning time and effort. The precision of automatic skew correction, which adjusts the angle of the scanned original, has been greatly improved to deliver highly accurate scanning with less skew.

*80 gsm

Double feed detection sensor

Applying ultrasonic waves to the original distinguishes a layer of air between each page and detects double feeds. When a double feed is detected, a preview of the original that has already been scanned will be displayed so that the job can be restarted without repeating the whole scanning operation from the beginning.

Requires Upgrade Kit UK-P19 option.

Send scan data instantly to your own email address with "Scan (email to me)"

Users can send scan data such as receipts and payment slips to themselves immediately. This can also be done securely with the authentication setting. As the "Scan (email to me)" button is on the home screen, the data can be scanned and sent quickly in a few easy steps.
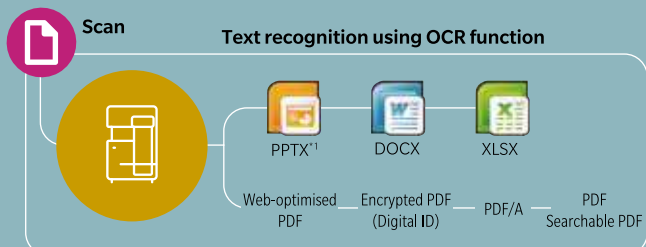
Exclude blank documents from being scanned with blank original removal function

Blank sheets from original documents loaded on the DSDF can be excluded from scanning.

Digitisation of paper documents

Documents can be scanned and converted to PDF or OOXML format files. File format can be selected according to the business and intended use, which broadens the scope of secondary use.

Scan to PDF / Scan to OOXML image (with LK-110 v2 installed)

- Applying OCR to a document produces searchable text
- Microsoft Office etc. enables reuse of images and text.

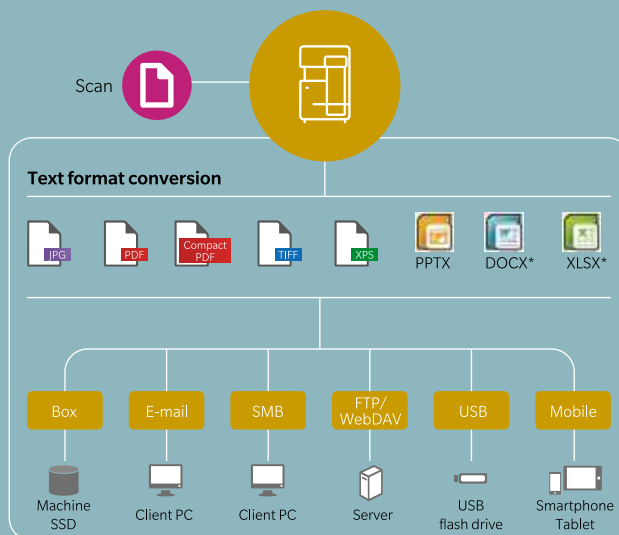### File conversion formats and required options (i-Option)

	LK-102 v3	LK-105 v4	LK-110 v2
PDF/A (long-term archiving)	✓		✓
Web-optimised PDF (linearised PDF)	✓		✓
Encrypted PDF (digital ID)	✓		✓
Searchable PDF (OCR)		✓	✓
OOXML file (extension: docx/.xlsx/.pptx) conversion			✓[*1]
OOXML file (extension: docx/.xlsx/.pptx) conversion +OCR		✓[*2]	✓

*1 pptx conversion is a standard function, but the OCR function requires either LK-105 v4 or LK-110 v2.
*2 Only compatible with pptx.

Improve scan job efficiency

Scanned originals can be converted to a variety of document formats according to the application and stored in the bizhub's box or a USB flash drive.They can also be sent and stored to a PC or server via email, SMB, FTP, or Web DAV.

Requires i-Option LK-110 v2

Other main scan and fax functions

- Super G3 Standard achieves high speed sending of approx. 2 seconds[*1]
- Direct Fax, paperless sending from a PC
- Convert received data into a Searchable PDF format*
  *Requires i-Option LK-110 v2
- W-NET FAX compatibility for broad Internet fax interchangeability
- Fax address Storage for a maximum of 2000 addresses (100 groups)
- Banner Scan scans long originals from the ADF

*1 Super G3 fax requires Fax Kit FK-517

OPTION DESCRIPTIONS

ENHANCED FEATURES

LK-102v3 PDF enhancements	PDF/A(1b), PDF encryption, digital signature
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
LK-117 FOIP activation	Fax over IP networks (T.38), requires fax kit

CONNECTIVITY

FK-517 Fax board	Super G3 fax, digital fax functionality
UK-221 Wireless LAN	Wireless LAN and wireless LAN Access Point Mode
EK-P08 USB I/F kit	USB keyboard connection
EK-P09 USB I/F kit	USB keyboard connection; Bluetooth
EK-P11 I/F cable for CSRC modem	GPRS modem connection for CSRC
ID card reader Card authentication	Various ID card technologies
MK-P08 Mount kit	Installation kit for ID card reader

OTHERS

WT-P03 Working table	Authentication device placement
EM-908 Replacement SSD	1 TB SSD to increase storage space
UK-P19 Double feed detection kit	Multi-feed detector to reduce errors and paper jams
KP-102 10-Key pad	For use instead of touchscreen
KH-P02 Keyboard holder	To place USB keyboard

MEDIA INPUT

PF-P20 Paper tray	500 sheets, A4, 60-90 g/m²
	(maximum of 2 x PF-P20 can be installed)
PF-P22 Height adjustment unit	To achieve comfortable height for operation
	(to be used in place of PF-P20)
DK-P04 Copier desk	Provides storage space for print media and other materials

MEDIA OUTPUT

FS-P04 Off-line stapler	20-sheet off-line stapling

TECHNICAL SPECIFICATIONS

SYSTEM SPECIFICATIONS

System speed A4	Up to 47 ppm
Autoduplex speed A4	Up to 47 ppm
1st page out time A4	4.3 sec.
Warm-up time	Approx. 13 sec.[1]
Imaging technology	Laser
Panel size/resolution	10.1" / 1024 x 600
System memory	5 GB (standard/max)
System storage	256 GB SSD (standard) / 1 TB SSD (optional)
Interface	10/100/1,000-Base-T Ethernet; USB 2.0; USB 3.0; Wi-Fi 802.11 b/g/n/ac (optional)
Network protocols	TCP/IP (IPv4 / IPv6); SMB; LPD; IPP; SNMP; HTTP(S); Bonjour
Automatic document feeder	Up to 80 originals; A6–A4; 50–128 g/m²; Dualscan ADF
ADF double feed detection	Optional
Printable paper size	A6-A4; customized paper sizes
Printable paper weight	60–210 g/m²
Paper input capacity	600 sheets / 1,600 sheets (standard/max)
Paper tray input (standard)	1x 500; A6–A4; custom sizes; 60–210 g/m²
Paper tray input (optional)	1x 500 sheets; A4; 60–90 g/m² (up to 2x)
Manual bypass	100 sheets; A6–A4; custom sizes; 60–210 g/m²
Finishing modes (optional)	Offset; Group; Sort; Staple (offline)
Automatic duplexing	A4; 60–210 g/m²
Output capacity	Up to 250 sheets
Power consumption	220-240 V / 50/60 Hz; Less than 1.45 kW
System dimension (W x D x H)	420 x 528 x 572 mm (without options)
System weight	Approx. 35.0 kg (without options)

PRINTER SPECIFICATIONS

Print resolution	1200 x 1200 dpi
Page description language	PCL 6 (XL3.0); PCL 5c; PostScript 3 (CPSI 3016); XPS
Operating systems	Windows 7 (32/64); Windows 8.1 (32/64); Windows 10 (32/64); Windows Server 2008 (32/64); Windows Server 2008 R2; Windows Server 2012; Windows Server 2012 R2; Windows Server 2016; Windows Server 2019; Macintosh OS X 10.10 or later; Unix; Linux; Citrix
Printer fonts	80 PCL Latin; 137 PostScript 3 Emulation Latin
Mobile printing	AirPrint (iOS); Mopria (Android); Konica Minolta Print Service (Android); Konica Minolta Mobile Print (iOS/Android); Optional: WiFi Direct; Mobile Authentication and Pairing (iOS/Android)

SCANNER SPECIFICATIONS

Scan speed	Up to 45/45 ipm in simplex (mono/colour)
	Up to 90/90 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 Optional: Searchable PDF; PDF/A 1a and 1b; Searchable DOCX/PPTX/XLSX
Scan destinations	2,000 destinations + 100 groups; LDAP support

COPIER SPECIFICATIONS

Copy resolution	600 x 600 dpi
Gradation	256 gradations
Multicopy	1–9,999
Original format	Max. A4
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

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

Security	ISO 15408 HCD-PP Common Criteria (in evalutation); IP filtering and port blocking; SSL3 and TLS1.0/1.1/1.2 network communication; IPsec support; IEEE 802.1x support; User authentication; Authentication log; Secure print; Kerberos; Storage overwrite; SSD data encryption (AES 256); Confidential fax; Print user data encryption Optional: Antivirus realtime scanning (Bitdefender®)
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) Optional: ID card authentication (ID card reader); Authentication by mobile device (iOS)
Software	Net Care Device Manager; Data Administrator; Box Operator; Web Connection; Print Status Notifier; Driver Packaging Utility; Log Management Utility

[1] Warm-up time may vary depending on the operating environment and usage

[2] If the maximum volume is reached within a period of one year, then a maintenance cycle must be performed

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OPTION DESCRIPTIONS

ENHANCED FEATURES

LK-102v3 PDF enhancements	PDF/A(1b), PDF encryption, digital signature
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
LK-117 FOIP activation	Fax over IP networks (T.38), requires fax kit

CONNECTIVITY

FK-517 Fax board	Super G3 fax, digital fax functionality
UK-221 Wireless LAN	Wireless LAN and wireless LAN Access Point Mode
EK-P08 USB I/F kit	USB keyboard connection
EK-P09 USB I/F kit	USB keyboard connection; Bluetooth
EK-P11 I/F cable for CSRC modem	GPRS modem connection for CSRC
AU-102 Biometric authentication	Finger vein scanner
ID card reader Card authentication	Various ID card technologies
MK-P08 Mount kit	Installation kit for ID card reader

OTHERS

WT-P03 Working table	Authentication device placement
UK-P19 Double feed detection kit	Multi-feed detector to reduce errors and paper jams
EM-908 Replacement SSD	1 TB SSD to increase storage space
KP-102 10-Key pad	For use instead of touchscreen
KH-P02 Keyboard holder	To place USB keyboard

MEDIA INPUT

PF-P20 Paper tray	500 sheets, A4, 60–90 g/m²
PF-P22 Height adjustment unit	To achieve comfortable height for operation
DK-P04 Copier desk	Provides storage space for print media and other materials

MEDIA OUTPUT

FS-P04 Off-line stapler	20-sheet off-line stapling

TECHNICAL SPECIFICATIONS

SYSTEM SPECIFICATIONS

System speed A4	Up to 40 ppm
Autoduplex speed A4	Up to 40 ppm
1st page out time A4	4.8 sec.
Warm-up time	Approx. 13 sec.¹
Imaging technology	Laser
Panel size/resolution	10.1" / 1024 x 600
System memory	5 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; USB 3.0; Wi-Fi 802.11 b/g/n/ac (optional)
Network protocols	TCP/IP (IPv4 / IPv6); SMB; LPD; IPP; SNMP; HTTP(S); Bonjour
Automatic document feeder	Up to 80 originals; A6–A4; 50–128 g/m²; Dualscan ADF
ADF double feed detection	Optional
Printable paper size	A6–A4; customized paper sizes
Printable paper weight	60–210 g/m²
Paper input capacity	600 sheets / 1,600 sheets (standard/max)
Paper tray input (standard)	1x 500; A6–A4; custom sizes; 60–210 g/m²
Paper tray input (optional)	1x 500 sheets; A4; 60–90 g/m² (up to 2x)
Manual bypass	100 sheets; A6–A4; custom sizes; 60–210 g/m²
Finishing modes (optional)	Offset; Group; Sort; Staple (offline)
Automatic duplexing	A4; 60–210 g/m²
Output capacity	Up to 250 sheets
Power consumption	220-240 V / 50/60 Hz; Less than 1.45 kW
System dimension (W x D x H)	420 x 528 x 572 mm (without options)
System weight	Approx. 35.0 kg (without options)

PRINTER SPECIFICATIONS

Print resolution	1200 x 1200 dpi
Page description language	PCL 6 (XL3.0); PCL 5c; PostScript 3 (CPSI 3016); XPS
Operating systems	Windows 7 (32/64); Windows 8.1 (32/64); Windows 10 (32/64); Windows Server 2008 (32/64); Windows Server 2008 R2; Windows Server 2012; Windows Server 2012 R2; Windows Server 2016; Windows Server 2019; Macintosh OS X 10.10 or later; Unix; Linux; Citrix
Printer fonts	80 PCL Latin; 137 PostScript 3 Emulation Latin
Mobile printing	AirPrint (iOS); Mopria (Android); Konica Minolta Print Service (Android); Konica Minolta Mobile Print (iOS/Android); Optional: WiFi Direct; Mobile Authentication and Pairing (iOS/Android)

SCANNER SPECIFICATIONS

Scan speed	Up to 45/45 ipm in simplex (mono/colour) Up to 90/90 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 Optional: Searchable PDF; PDF/A 1a and 1b; Searchable DOCX/PPTX/XLSX
Scan destinations	2,000 destinations + 100 groups; LDAP support

COPIER SPECIFICATIONS

Copy resolution	600 x 600 dpi
Gradation	256 gradations
Multicopy	1–9,999
Original format	Max. A4
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

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

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