KONICA MINOLTA

SAFE + SEAMLESS

The new
bizhub i-Series

bizhub C451i

Giving Shape to Ideas

PRINT TECHNOLOGY THAT JUST WORKS SO YOU CAN GET ON WITH WORK

With technological, social, environmental and generational shifts impacting on work priorities, the workplace of today is evolving. And so too is the Konica Minolta bizhub i-Series of multifunctional printers (MFPs). The enhanced bizhub i-Series offers a range of new features and combines ease of use with powerful security for a print solution without compromise. Empowering employees to achieve their objectives and helping them thrive.

All-round simplicity

The bizhub i-Series devices come with an intelligent automatic media sensor, a clear, customisable user interface, the ability to group apps, and rapid trouble-shooting with remote support. Your business will benefit from improved output quality, reliable paper feeding, and increased device availability – helping everyone get more done every day.

Powerful security

From advanced virus protection with clear notifications and status reporting, to proactive security management that detects (and can even predict) threats, you'll have peace of mind as standard, knowing your information and your business are safe and secure.

READY FOR THE BEST OF BOTH WORLDS?

Security AND simplicity. They're built into the new Konica Minolta bizhub i-Series to give you the best of both worlds.

Simple + a lot more

– **User-friendly experience** – enjoy using an updated, intuitive and logical user interface that offers flexible customisation options

– **Your apps at your fingertips** – organise apps on the bizhub i-Series user interface for rapid access to the functions you use the most

– **Cloud ready** – take advantage of seamless integration with popular cloud applications directly from the user panel

– **Productivity boost** – the enhanced intelligent media sensor automatically detects the paper type to maintain an increased productivity

– **Higher availability, lower costs** – remote and predictive maintenance help maximise device availability and reduce the possibility of issues arising, saving costs and maximising uptime

Secure + a lot more

– **Proven protection** – against viruses, malware, cyber-attacks and unauthorised access with tried-and-tested security built in

– **Prevent problems before they happen** – once a device is secured, it stays secure; use Shield Guard to keep your bizhub fleet aligned with your defined security policy

– **Visibly secure** – advanced virus protection, with clear notifications and status reporting that let you decide how to process jobs

– **Compliant** – no concern for data privacy standards – can easily be set up to be fully compliant with European legislation (GDPR)

SAFE+
SEAMLESS

THE DEVICE THAT HAS IT ALL

With a clear, logical interface and flexible customisation options that adapt to your needs, the updated i-Series range delivers an intuitive user experience that helps boosting productivity.

Flexible customisation

– The new i-Series offers an intuitive smartphone-style experience that's so familiar, there's practically no learning curve. Users can customise their screens in the same way as their mobile devices, and put the apps they use regularly on the home screen for quick access.

– In the Quick Copy screen, users can see all the main setting options without scrolling or searching. They can apply their desired settings with fewer clicks and pop-ups, helping them to work more efficiently and be more productive.

– Users can customise their personal home screens by adding or removing function icons, and group apps in the way that works for them. A user can, for example, group all scan-related apps or all ID-related (ID copy and ID scan) apps.

– Widgets – similar to the Widgets on Android phones – are also supported, enabling users to embed app-delivered functionality on their home screens.

Cloud ready

– Directly from the user panel, you can set up seamless integrations with popular external cloud apps – such as SharePoint Online, OneDrive, OneDrive for Business, MS Teams, Google Drive, Dropbox and Box.com – to meet your needs and maximise your productivity.

Enhanced accessibility and usability

– Our devices are designed with high usability in mind. We follow industry-leading universal design guidelines to make them accessible to anyone regardless of age, experience, body size or special needs.

– We use colour and colour-coding to make things easy to use and keep users safe. Paper trays and toner cartridges are easily accessible for refilling, and the automatic document feeder can be lifted with little physical effort and silently closed thanks to hinges with soft-close.

– With a 24° to 90° tilt angle, the large 10.1" tablet touch panel provides convenient operation for all users, whether standing or sitting.

BOOST YOUR OFFICE DEVICES

Did you know you can enhance your office devices with powerful cloud services, without worrying about compromising the security of document handling?

Konica Minolta Marketplace, has everything you need. – including third-party authentication apps and connectors to cloud repositories – straight from any bizhub office device. So you can enhance the device with additional features that streamline everyday work, and create customised user interfaces to meet individual needs.

Powerful cloud connectivity

Simply connect your office printer to popular cloud services like SharePoint Online, OneDrive, Google Drive or MS Teams for basic file/folder operations, scanning to cloud repositories and selecting files for printing – directly from the printer panel.

Visible security

You want to be sure your office printer handles files securely and is protected against potential security threats. You can stay safe and monitor security settings with bizhub SECURE Notifier, directly visible on the panel of your printer.

SMART SECURITY TO KEEP YOUR BUSINESS SAFE

Nothing matters more than the security of your vital business data and the challenge with print security and its infrastructure is twofold – protecting the devices and protecting the data and documents that they output.

With our new bizhub i-Series you can rest assured that your devices, data and documents are secure. Numerous security features are built into our devices, supported by industry-leading antivirus technology from Bitdefender®. And with bizhub SECURE Notifier you're on top of it all, making sure your bizhub devices stay secure over their entire lifetimes.

bizhub SECURE Notifier

bizhub SECURE Notifier lets you monitor the security settings over the lifetime of each bizhub device on-premise. Available via the Konica Minolta MarketPlace, the bizhub SECURE Notifier app runs on your device and shows you it's secure. With the latest widget technology you can identify the security status at a glance on the home screen. The app also proactively informs you if a setting has been changed.

bizhub SECURE service offers a range of levels so it can be tailored to your needs:

bizhub SECURE
  – Protects the data in the memory of your i-Series device
  – Protects your i-Series from cyber attacks using data encryption
  – Ensures files are stored only for usage, and are deleted in a timely manner if not used

bizhub SECURE Platinum
  – Secures the network settings of your devices and guards against unauthorised access
  – Allows you to disable unwanted and unnecessary protocols and ports
  – Ensures the right certificates are in place for use
  – Lets you keep track of what's happening on your MFP by enabling the right logs

Only 19% of organisations are completely confident in the security of their print infrastructure, this **rises to 26% amongst organisations using Managed Print Services.** Overall, a further 50% say they are mostly confident. This reflects the **growing complexity and challenges associated with securing both devices and documents** across a **hybrid workplace.**

Source: Quocirca Print Security Landscape 2023

SECURE YOUR DOCUMENTS USING CLOUD SERVICES

Cloud print services featuring innovations such as Follow Me printing and Secure Print enable organisations to:

- Simplify their print operations
- Modernise their print infrastructure in response to changing working practices
- Enhance workforce agility
- Improve data protection and document security

With Konica Minolta, you have a holistic digital workplace partner at your side, ready to support you at every stage of your cloud journey. Through a rich portfolio of services and solutions we can help you access the operational, management and cost benefits of cloud print.

Konica Minolta is recognised as a 'Major Player' in Quocirca's report 'The Cloud Print Services Land-scape, 2023 – How the cloud is driving print infrastructure modernisation'.

FIVE REASONS TO CHOOSE THE CLOUD

5
Say goodbye to outdated systems

We provide state-of-the-art hardware and software, as well as any necessary updates.

1
Reduced workload and peace of mind

We host your cloud solution and ensure that it is always available, taking care of performance and optimisation too.
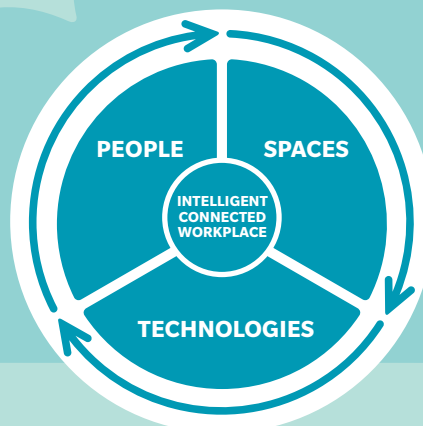
2
Full cost control facilitates planning

Thanks to a fixed subscription fee and low initial investment, you only pay for what you actually use.

4
Fit for the future with unlimited possibilities

Cloud and hybrid services offer maximum flexibility and scalability to keep your business' IT infrastructure growing.

3
Maximum data security

Your data is in good hands and stored securely in our certified Data Center that comply with the GDPR regulations.

PEOPLE   SPACES

INTELLIGENT CONNECTED WORKPLACE

TECHNOLOGIES

POWERFUL CLOUD SOLUTIONS TO MEET YOUR INDIVIDUAL NEEDS

What if…

… your complex printing infrastructure could be turned into an easy-to-use service?

… you didn't need your own print servers and could consequently save significant costs?

… you always knew for sure that your data is secure?

… you could spend the time you saved on innovative, value-adding projects?

Good news:

Konica Minolta´s Cloud Print Portfolio makes all this possible and offer you powerful solutions for high quality services according to your individual needs. In short, our role is to be your indispensable partner and help you create your intelligent workplace of the future.

BENEFITS AT A GLANCE

✓ **Better Cost Planning**
Fixed monthly fees so you always keep a perfect overview

✓ **Quick and easy implementation**
Rapid deployment, easy updates and fast adoption

✓ **Secure printing**
Follow-me authentication ensures that your document does not fall into wrong hands

✓ **Improved data and document security**
Certified data centres and encryption ensure your data and documents stay safe and secure

✓ **Mobile Working**
Our cloud print services are accessible and usable from anywhere

✓ **Print as usual, but at reduced costs**
You continue to use your MFP and benefit from reduced costs as well

Check out our Cloud Print Services:
https://www.konicaminolta.hk/hk/en-us/featured-solution/cloud-print-services/

REMOTE SERVICES: INSTANT SUPPORT WITH INSTANT ACCESS

To make the bizhub i-Series work better for everything you do, we set out to rethink everything we do.

We implemented the Konica Minolta Remote Service platform, which ensures trouble-free operation and maximises device uptime.

To keep things running smoothly, i-Series devices intelligently collect data for self-diagnostics and remote maintenance, and even predict the optimal replacement time for parts and consumables – without unnecessary engineer visits or business interruptions. You can expect system uptime improvements, as well as a reduction in security risks through the initial secure configuration and required maintenance updates.
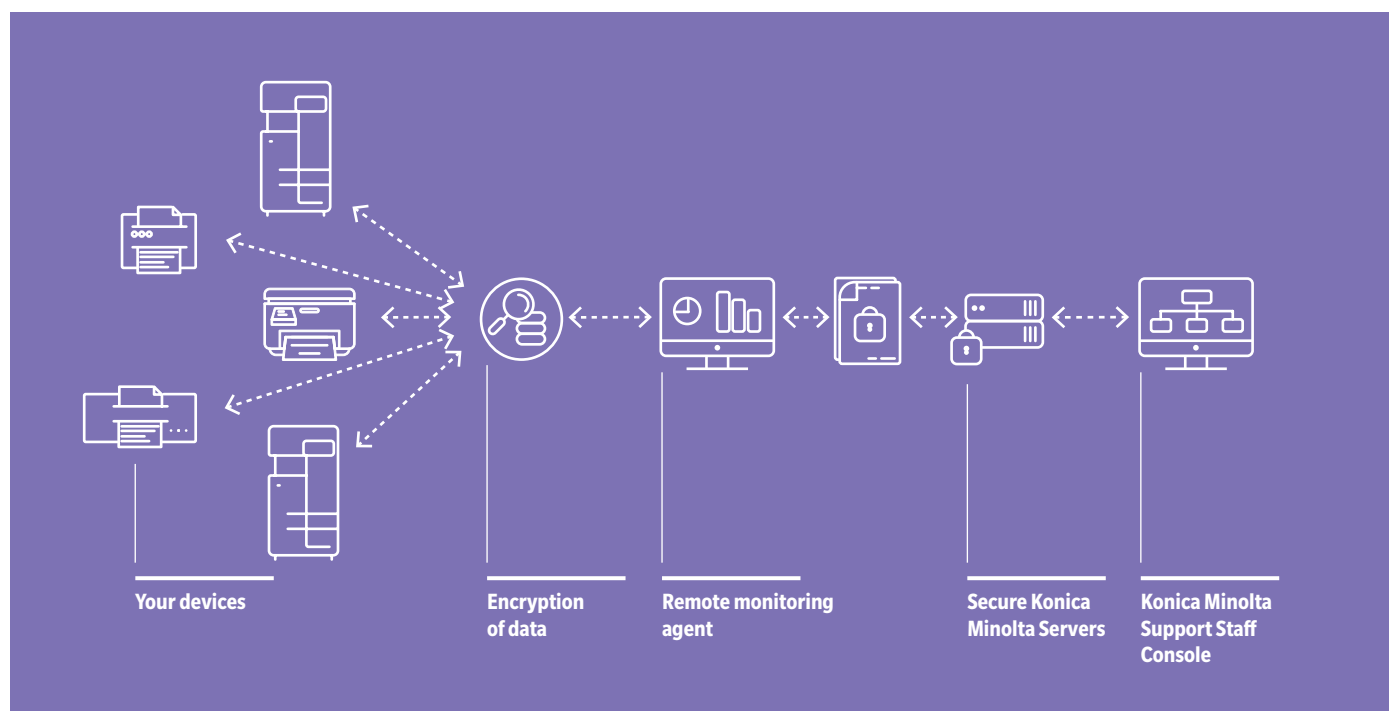
Your benefits:

– Fewer calls to the service desk

– Reduced need for onsite engineer visits

– Maximised device uptime

– Devices that are always up to date

HOW A REMOTE CONNECTION WORKS

You can rely on our Remote Services – they offer you assured security: all data is encrypted end-to-end, ensuring totally safe communication.

Your devices | Encryption of data | Remote monitoring agent | Secure Konica Minolta Servers | Konica Minolta Support Staff Console

INDUSTRY-LEADING ENVIRONMENTAL PERFORMANCE

We develop and manufacture our devices with the objective of continually reducing their environmental impact at every stage of the product lifecycle: design, production, supply chain and transport, through to usage and recycling or disposal.

Every lifecycle stage is carefully monitored in terms of general input-output analysis, energy and resource efficiency, recycling and waste prevention – as well as compliance with relevant environmental and safety regulations.

Procurement:

–   Reduction in number of parts
–   Use of recycled materials
–   Prohibiting use of hazardous substances
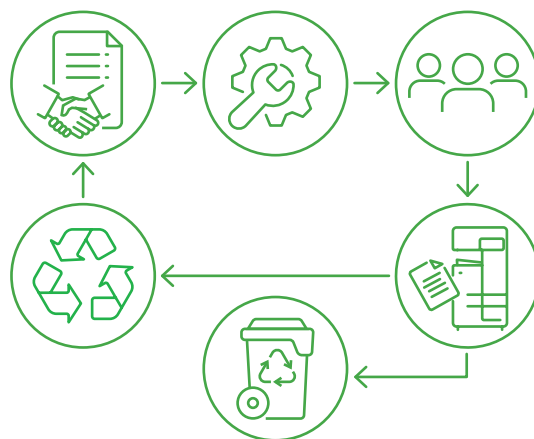
Manufacturing:

–   Energy and resource conservation
–   Use of renewable energy
–   Product compactness
–   Waste reduction

Logistics & Sales:

–   Optimisation of logistics
–   Compliance with transportation standards
–   Reduction in and recycling of packaging materials
–   Appropriate labelling

Recycling:

–   Easier disassembly and recycling
–   Implementation of recovery programmes

Product use:

–   Energy and resource conservation
–   Extension of product life
–   Ensuring safety during use
–   Appropriate labelling and information

Disposal:

–   Easier disassembly
–   Prohibition of use of hazardous substances

We've made substantial investments to keep the environmental impact of the bizhub i-Series as low as possible.

Minimised power consumption

With system settings like low power mode, sleep mode, power-saving fax/scan mode, and further functions like timer and calendar, dynamic eco timer, eco print and eco info, you can significantly reduce the power consumption of your bizhub devices.

Recycling technology to upgrade material properties

Konica Minolta has developed a recycling technology that can upgrade material properties, enhance the strength and flame retardancy of waste plastics, based on a polymer alloy technology accumulated through the development of toner. This technology allows recycled plastics to be used for parts covering 88% of the entire surface area of the MFPs.

Simitri® V toner

With the polymerised Simitri® V toner used in the bizhub i-Series, we've reduced the fixing temperature by about 15°C compared to previous models. Combined with a new fixing device, this helps to significantly reduce the TEC Value*.

Improved product design

Our devices are designed to be smaller and lighter, saving both raw and packaging materials, as well as greenhouse gas emissions during transport.

Improved packaging

We developed lighter, more compact air cushions that have reduced the device packaging volume by 84% and the packaging weight by 70% compared to conventional polystyrene foam cushioning materials.

Less noise for a more comfortable working environment

We've taken steps to to reduce the noise level during operation, which makes working near our devices even more comfortable.

LED as the scanner light source

We've changed the light source for the scanners in our devices from conventional fluorescent lighting to LED. This delivers power savings and a low heat performance while increasing brightness intensity and scanning speed.

* The TEC value represents an electrical product's typical weekly electricity consumption (TEC) based on average office use, as defined by the US ENERGY STAR program.

TECHNICAL SPECIFICATIONS

Model Name	Bizhub C451i
SYSTEM SPECIFICATIONS	
System speed A4	Up to 45/45 ppm (mono/colour)
System speed A3	Up to 22/22 ppm (mono/colour)
Autoduplex speed A4	Up to 45/45 ppm (mono/colour)
1st page out time A4	3.8/5.0 sec. (mono/colour)
Warm-up time	Approx. 12/13 sec. (mono/colour)[1]
Imaging technology	Laser
Toner technology	Simitri® V polymerised toner
Panel size/resolution	10.1"/ 1024 x 600
System memory	8,192 MB (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)
Network protocols	TCP/IP (IPv4 / IPv6); SMB; LPD; IPP; SNMP; HTTP(S); Bonjour
Automatic document feeder	Up to 300 originals; A6-A3; 35-210 g/m²; Dualscan ADF
ADF double feed detection	Standard
Printable paper size	A6-SRA3; customized 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/m²
Paper tray input (optional)	1x 500 sheets; A5-A3; 52-256 g/m² 2x 500 sheets; A5-A3; 52-256 g/m² 1x 2,500 sheets; A4; 52-256 g/m² 1x 1,500 + 1x 1,000 sheets; A5-A4; 52-256 g/m²
Large capacity tray (optional)	1x 3,000; A4; 52-256 g/m² 1x 2,500; A4-SRA3; custom sizes; 52-256 g/m²
Manual bypass	150 sheets; A6-SRA3; custom sizes,banner; 60-300 g/m²
Finishing modes (optional)	Offset; Group; Sort; Staple; Staple (offline); Punch; Half-fold; Letter-fold; Booklet; Post insertion; Z-fold
Automatic duplexing	A6-SRA3; 52-256 g/m²
Output capacity	Up to 250 sheets / up to 3,300 sheets (standard/max)
Stapling	Max. 100 sheets or 98 sheets + 2 cover sheets (up to 300 g/m²)
Stapling output capacity	Max. 200 sets
Letter fold	Max. 3 sheets
Letter fold capacity	Max. 50 sets; unlimited (without tray)
Booklet	Max. 20 sheets or 19 sheets + 1 cover sheet (up to 300 g/m²)
Booklet output capacity	Max. 35 booklets; unlimited (without tray)
Duty cycle (monthly)	Rec. 40,000 pages; Max.[2] 200,000 pages
Toner lifetime	Black up to 28,000 pages CMY up to 28,000 pages
Imaging unit lifetime	Black up to 240,000/1,000,000 pages (drum/developer) CMY up to 155,000/1,000,000 pages (drum/developer)
Power consumption	220-240 V / 50/60 Hz; Less than 1.58 kW
System dimension (W x D x H)	615 x 688 x 961 mm (without options)
System weight	Approx. 100.0 kg (without options)

PRINTER SPECIFICATIONS

Print resolution	1,800 (equivalent) x 600 dpi; 1200 x 1200 dpi
Page description language	PCL5c, PCL6 (XL3.0); PostScript3 (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; Barcode fonts (optional); OCR A and B fonts (optional); Unicode fonts (optional)
Mobile printing	AirPrint (iOS); Mopria (Android); Konica Minolt Mobile Print (iOS/Android) optional: WiFi Direct

TECHNICAL SPECIFICATIONS

Model Name	Bizhub C451i
PRINTER SPECIFICATIONS (OPTIONAL)	
Print controller	Embedded Fiery IC-420
Controller CPU	AMD GX-424CC @ 2.4 GHz
Memory/HDD	4,096 MB/500 GB
Magnification	Adobe PostScript 3 (CPSI 3020); PCL 6; PCL 5c
Operating System	• Windows 7 (32/64) / 8.1 (32/64)
	• Windows 10 (32/64) / 11
	• Windows Server 2022
	• macOS 10.14 or later

FAX SPECIFICATIONS

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

SCANNER SPECIFICATIONS

Scanning resolution	Up to 600 x 600 dpi
Scanning speed	Up to 140/140 ipm in simplex (mono/colour)
	Up to 280/280 ipm in duplex (mono/colour)
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 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
Scan destinations	2,000 destinations+100 groups; LDAP support

COPIER SPECIFICATION

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

TECHNICAL SPECIFICATIONS

Model Name	Bizhub C451i
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	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; Hard drive overwrite;
	Hard drive 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: Biometric authentication (finger vein scanner);
	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

– 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,
  applications 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 (5% 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 humidity.
– 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.
– All brand and product names may be registered trademarks or trademarks of their respective holders and are hereby acknowledged.

DESCRIPTION

ENHANCED FEATURES

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-114 Serverless pull printing	Secure and Follow Me printing solution requiring no server application
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-514 Fax board	Super G3 fax, digital fax functioality
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
IC-420 Fiery controller	Professional colour print controller
VI-516 Interface kit for IC-420	Fiery controller interface card
UK-115 Interface board for IC-420	Fiery controller interface board
AU-102 Biometric authentication	Finger vein scanner
ID card reader	Various ID card technologies
MK-735 Mount kit	Installation kit for ID card reader

OTHERS

WT-506 Working table	Authentication device placement
FS-P04 Offline Stapler	Offline stapler, 20 sheets stapling
KP-102 10-Key pad	For use instead of touchscreen
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

SAFE+ SEAMLESS

The new bizhub i-Series doesn't compromise on anything. When it comes to security and ease of use, our devices deliver the best of both worlds.

⚠️ **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).

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