



KONICA MINOLTA

# bizhub C454e

- ✓ Colour A3 multifunctional
- ✓ Up to 45 pages per minute

## Functionality



Copying

- Colour
- Black & white



Printing

- Colour
- Black & white
- PCL/PS
- Local/Network
- USB



Scanning

- Colour
- Black & white
- 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
- TWAIN Network



Faxing

- Super G3 Fax
- PC-Fax
- i-Fax
- IP-Fax



Box

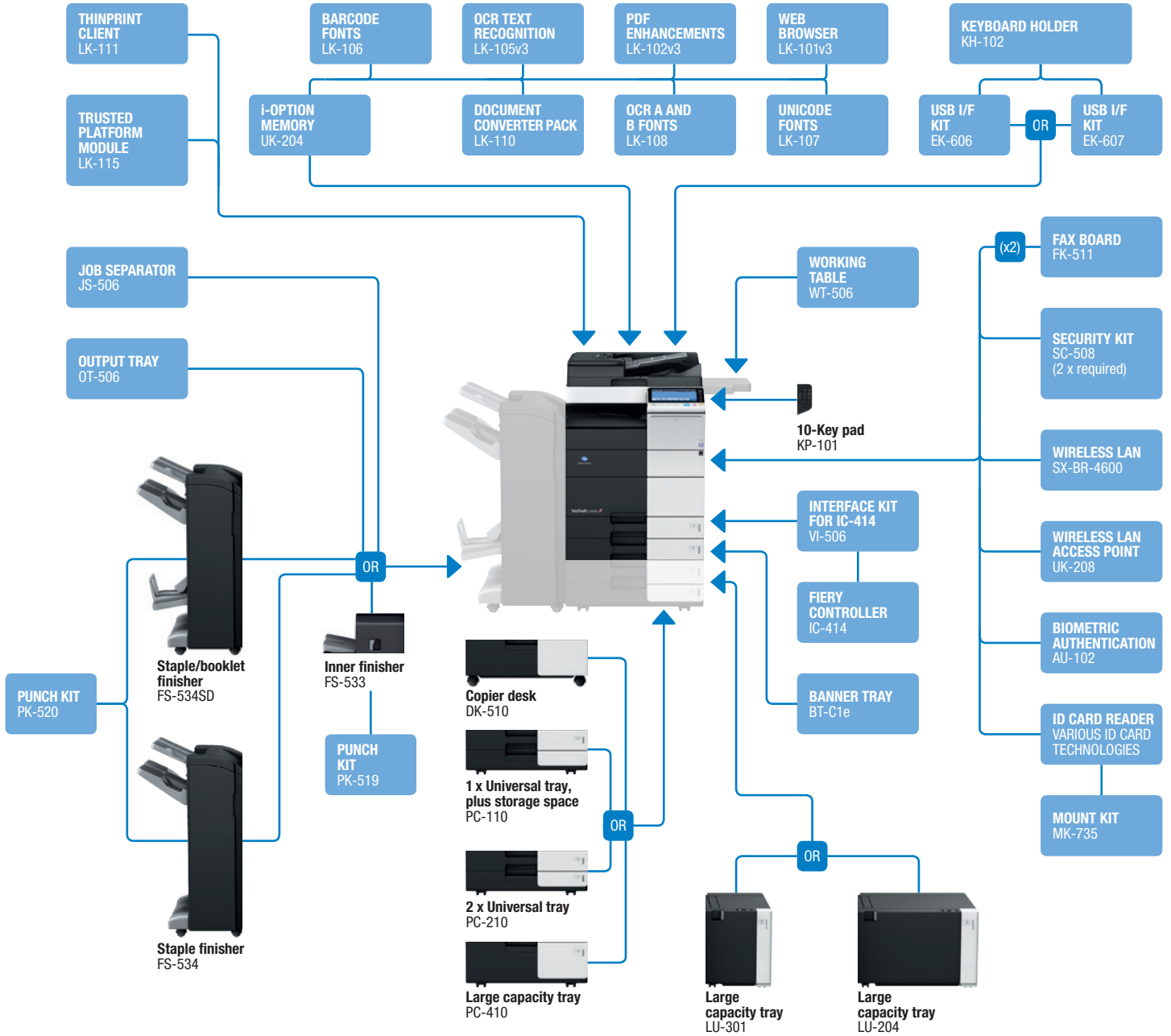
- Reprint
- Distribution
- Sharing
- Box-to-Box
- Box-to-USB



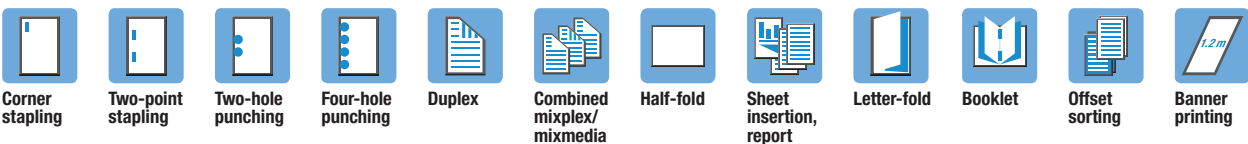
**Technology**

Emperon™ – print controller	Easily compatible with different users and IT environments through Konica Minolta's unified print technology	✓
Simitri® HD – polymerised toner	Delivers high print quality and yet ensures reduced print spending as well as lower environmental impact	✓
OpenAPI – solution platform	Server-based applications provide efficient workflows for the entire MFP fleet	✓
i-Option – special feature	Offers extended scope and advanced MFP functionality in line with individual requirements	✓
CSRC – remote service	Keeps productivity up with online monitoring of devices and consumables through the Konica Minolta service	✓
IWS – panel customisation	Improved user-device interaction and enhanced productivity through full MFP panel customisation	✓

**Option diagram**



**Finishing functionalities**



## Descriptions

<b>bizhub C454e</b>	A3 multifunctional with 45 ppm b/w and colour. Standard Emperon™ print controller with PCL 6c, PostScript 3, PDF 1.7 and XPS support. Paper capacity of 500 + 500 sheets and 150-sheet manual bypass. Media from A6 to SRA3, 1.2 m banner and 52 – 300 gsm. 2 GB memory, 250 GB hard disk and Gigabit Ethernet standard.
<b>PC-110 1 x Universal tray</b>	A5–A3, 500 sheets, 52–256 gsm
<b>PC-210 2 x Universal tray</b>	A5–A3, 2 x 500 sheets, 52–256 gsm
<b>PC-410 Large capacity tray</b>	A4, 2,500 sheets, 52–256 gsm
<b>LU-204 Large capacity tray</b>	A4–SRA3, 2,500 sheets, 52–256 gsm
<b>LU-301 Large capacity tray</b>	A4, 3,000 sheets, 52–256 gsm
<b>DK-510 Copier desk</b>	Provides storage space for print media and other materials
<b>FS-533 Inner finisher</b>	50-sheet stapling, 500 sheets max. output
<b>PK-519 Punch kit for FS-533</b>	2/4 hole punching, autoswitching
<b>FS-534 Staple finisher</b>	50-sheet stapling, 3,300 sheets max. output
<b>FS-534SD Booklet finisher</b>	50-sheets staple finisher, 20-sheets booklet finisher, 2,300 sheets max. output
<b>PK-520 Punch kit for FS-534/SD</b>	2/4 hole punching, autoswitching
<b>JS-506 Job separator</b>	Separation for fax output etc.
<b>OT-506 Output tray</b>	Output tray used instead of finisher
<b>KP-101 10-Key pad</b>	For use instead of touchscreen
<b>WT-506 Working table</b>	Authentication device placement
<b>FK-511 Fax board</b>	Super G3 fax, digital fax functionality

<b>IC-414 Fiery controller</b>	Professional colour print controller
<b>VI-506 Interface kit for IC-414</b>	Fiery controller interface card
<b>KH-102 Keyboard holder</b>	To place USB keyboard
<b>EK-606 USB I/F kit</b>	USB keyboard connection
<b>EK-607 USB I/F kit</b>	USB keyboard connection, Bluetooth
<b>ID card reader</b>	Various ID card technologies
<b>MK-735 Mount kit</b>	Installation kit for ID card reader
<b>AU-102 Biometric authentication</b>	Finger vein scanner
<b>SC-508 Security kit</b>	Copy Guard function (2 x required)
<b>BT-C1e Banner tray</b>	Multipage banner feeding
<b>LK-101v3 Web browser</b>	Web browser and IWS
<b>LK-102v3 PDF enhancements</b>	PDF/A (1b), PDF encryption, digital signature
<b>LK-105v3 OCR text recognition</b>	Searchable PDF and PPTX, PDF/A (1a)
<b>LK-106 Barcode fonts</b>	Supports native barcode printing
<b>LK-107 Unicode fonts</b>	Supports native Unicode printing
<b>LK-108 OCR A and B fonts</b>	Supports native OCR A and B font printing
<b>LK-110 Document converter pack</b>	Generates various file formats incl. DOCX, XLSX and PDF/A
<b>LK-111 ThinPrint® Client</b>	Print data compression for reduced network impact
<b>LK-115 TPM activation</b>	Trusted Platform Module for protection of data encryption and decryption
<b>UK-204 i-Option memory</b>	Memory extension for i-Options
<b>UK-208 Wireless LAN Access Point</b>	Required for bizhub Remote Access on Android and iOS and for wireless LAN Access Point Mode
<b>SX-BR-4600 Wireless LAN</b>	Wireless LAN to network connector

## Technical specifications

### SYSTEM SPECIFICATIONS

<b>System memory</b>	2,048 MB (standard)
<b>System hard disk</b>	250 GB (standard)
<b>Interface</b>	10-Base-T/100-Base-T/1,000-Base-T Ethernet; USB 2.0
<b>Network protocols</b>	TCP/IP (IPv4 / IPv6); IPX/SPX; NetBEUI; AppleTalk (EtherTalk); SMB; LPD; IPP; SNMP; HTTP
<b>Frame types</b>	Ethernet 802.2; Ethernet 802.3; Ethernet II; Ethernet SNAP
<b>Automatic document feeder</b>	Up to 100 originals; A6–A3; 35–163 gsm Dualscan ADF
<b>Printable paper size</b>	A6–SRA3, customised paper sizes; banner paper max. 1,200 x 297 mm
<b>Printable paper weight</b>	52–300 gsm
<b>Paper input capacity</b>	Standard: 1,150 sheets Max.: 6,650 sheets
<b>Tray 1</b>	500 sheets, A5–A3, 52–256 gsm
<b>Tray 2</b>	500 sheets, A5–SRA3, 52–256 gsm
<b>Tray 3 (optional)</b>	1 x 500 sheets, A5–A3, 52–256 gsm
<b>Tray 4 (optional)</b>	2 x 500 sheets, A5–A3, 52–256 gsm
<b>Large capacity tray (optional)</b>	2,500 sheets, A4, 52–256 gsm
<b>Large capacity tray LU-301 (optional)</b>	3,000 sheets, A4, 52–256 gsm
<b>Large capacity tray LU-204 (optional)</b>	2,500 sheets, A4–SRA3, 52–256 gsm
<b>Manual bypass</b>	150 sheets, A6–SRA3, custom sizes, banner, 60–300 gsm
<b>Automatic duplexing</b>	A5–SRA3; 52–256 gsm
<b>Finishing modes (optional)</b>	Offset; group; sort; staple; punch; centre-fold; letter fold; booklet
<b>Output capacity (with finisher)</b>	Max.: 3,300 sheets
<b>Output capacity (without finisher)</b>	Max.: 250 sheets
<b>Stapling</b>	Max.: 50 sheets or 48 sheets + 2 cover sheets (up to 209 gsm)
<b>Stapling output capacity</b>	Max. 1,000 sheets
<b>Letter fold</b>	Up to 3 sheets
<b>Letter fold capacity</b>	Max.: 30 sheets; unlimited
<b>Booklet</b>	Max.: 20 sheets or 19 sheets + 1 cover sheet (up to 209 gsm)
<b>Booklet output capacity</b>	Max.: 100 sheets; unlimited
<b>Copy/print volume (monthly)</b>	Rec.: 30,000 pages Max.: 150,000 pages
<b>Toner lifetime</b>	Black 27,500 pages; CMY 26,000 pages
<b>Imaging unit lifetime</b>	Black 130,000 pages/600,000 pages (Drum/Developer) CMY 95,000 pages/600,000 pages (Drum/Developer)
<b>Power consumption</b>	220–240 V / 50/60 Hz; Less than 1.5 kW (system)
<b>System dimensions (W x D x H)</b>	615 x 685 x 921 mm (excl. lower paper tray unit)
<b>System weight</b>	Approx. 101 kg

### COPIER SPECIFICATIONS

<b>Copying process</b>	Electrostatic laser copy, tandem, indirect
<b>Toner system</b>	Simitri® HD polymerised toner
<b>Copy/print speed A4 (mono/colour)</b>	Up to 45 ppm
<b>Copy/print speed A3 (mono/colour)</b>	Up to 22 ppm
<b>Autoduplex speed A4 (mono/colour)</b>	Up to 45 ppm
<b>1st copy out time (mono/colour)</b>	4.6 sec. 5.5 sec.
<b>Warm-up time</b>	Approx. 25 sec. <sup>2</sup>
<b>Copy resolution</b>	600 x 600 dpi
<b>Gradation</b>	256 gradations
<b>Multicopy</b>	1–9,999
<b>Original format</b>	A5–A3
<b>Magnification</b>	25–400% in 0.1% steps; auto-zooming
<b>Copy functions</b>	Chapter; cover and page insertion; proof copy (print and screen); adjustment test print; digital art functions; job setting memory; poster mode; image repeat; overlay (optional); stamping; copy protection

**PRINTER SPECIFICATIONS**

<b>Print resolution</b>	1,800 x 600 dpi; 1,200 x 1,200 dpi
<b>Page description language</b>	PCL6 (XL 3.0); PCL 5c; PostScript 3 (CPSI 3016); XPS
<b>Operating systems</b>	Windows VISTA (32/64), Windows 7 (32/64) Windows 8 (32/64), Windows Server 2003 (32/64) Windows Server 2008 (32/64), Windows Server 2008 R2 Windows Server 2012, Windows Server 2012 R2 Macintosh OS X 10.x, Unix, Linux, Citrix
<b>Printer fonts</b>	80 PCL Latin; 137 PostScript 3 Emulation Latin
<b>Print functions</b>	Direct print of PCL, PS, TIFF, XPS, PDF (v1.7), encrypted PDF files and OOXML (DOCX, XLSX, PPTX); mixmedia and mixplex; "Easy Set" job programming; overlay; watermark; copy protection; carbon copy print
<b>Mobile Printing</b>	AirPrint (iOS), Mopria (Android), Google Cloud Print (optional), WiFi Direct (optional), Konica Minolta Print Service (Android), PageScope Mobile (iOS & Android)

**PRINTER SPECIFICATIONS (OPTIONAL)**

<b>Print controller</b>	Embedded Fiery IC-414
<b>Controller CPU</b>	Intel Pentium @ 2.6 GHz
<b>Memory / HDD</b>	2 GB / 160 GB
<b>Page description language</b>	Adobe PostScript 3 (CPSI 3019) PCL 6/5c
<b>Operating systems</b>	Windows VISTA (32/64), Windows 7 (32/64), Windows 8 (32/64), Windows Server 2003 (32/64) Windows Server 2008 (32/64), Windows Server 2008 R2 Windows Server 2012, Windows Server 2012 R2 Macintosh OS 9.x/10.x

**SCANNER SPECIFICATIONS**

<b>Scan speed (mono/colour)</b>	Up to 160 ipm
<b>Scan resolution</b>	Max.: 600 x 600 dpi
<b>Scan modes</b>	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, Network TWAIN scan
<b>File formats</b>	JPEG; TIFF; PDF; PDF/A 1a and 1b (optional); compact PDF; encrypted PDF; searchable PDF (optional); XPS; compact XPS; PPTX; searchable DOCX/XLSX/PPTX (optional)
<b>Scan destinations</b>	2,100 (single + group); LDAP support
<b>Scan functions</b>	Annotation (text/time/date) for PDF; up to 400 job programs; real-time scan preview

**FAX SPECIFICATIONS**

<b>Fax standard</b>	Super G3 (optional)
<b>Fax transmission</b>	Analogue i-Fax Colour i-Fax (RFC3949-C) IP-Fax
<b>Fax resolution</b>	Max.: 600 x 600 dpi (ultra-fine)
<b>Fax compression</b>	MH; MR; MMR; JBIG
<b>Fax modem</b>	Up to 33.6 Kbps
<b>Fax destinations</b>	2,100 (single + group)
<b>Fax functions</b>	Polling; time shift; PC-Fax; receipt to confidential box; Receipt to e-mail/FTP/SMB; up to 400 job programs

**USER BOX SPECIFICATIONS**

<b>Max. storable documents</b>	Up to 3,000 documents or 10,000 pages
<b>Type of user boxes</b>	Public Personal (with password or authentication) Group (with authentication)
<b>Type of system boxes</b>	Secure print Encrypted PDF print Fax receipt Fax polling
<b>User box functionality</b>	Reprint; combination Download Sending (e-mail/FTP/SMB and Fax) Copy box to box

**SYSTEM FEATURES**

<b>Security</b>	ISO15408/IEEE 2600.1 certified; IP filtering and port blocking; SSL2; SSL3 and TLS1.0 network communication; IPsec support; IEEE 802.1x support; user authentication; Authentication log; secure print; Hard disk overwrite (8 standard types); Hard disk data encryption (AES 256); Memory data auto deletion; Confidential fax receipt; Print user data encryption; copy protection (Copy Guard, Password Copy) optional
<b>Accounting</b>	Up to 1,000 user accounts; Active Directory support (user name + password + e-mail + smb folder) User function access definition Biometric authentication (finger vein scanner) optional ID card authentication (ID card reader) optional
<b>Software</b>	PageScope Net Care Device Manager PageScope Data Administrator PageScope Box Operator PageScope Direct Print Print Status Notifier Driver Packaging Utility Log Management Utility

- All specifications refer to A4-size paper of 80 gsm 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.





KONICA MINOLTA



# bizhub C554e/C454e

PRINT LIKE THE PROS WITH



# ENHANCED DESIGN & PERFORMANCE



# ADVANCED OFFICE MFPs WITH SPEED, POWER AND PRODUCTIVITY

Print like the pros with bizhub C554e and C454e, the high-speed, high-volume print/copy/scan solutions that increase your output and power up your productivity. Our evolutionary INFO-Palette control panel design features enhanced multi-touch functionality that's as easy as operating a tablet PC. Superior color imaging helps communicate your message more effectively – and you'll have industry-leading Konica Minolta initiatives to help protect the environment as you save time, paper and energy.



## EnvisionIT

**EnvisionIT: a total solution for transforming your workflow.**

For high-volume office and enterprise environments, a top priority is managing and distributing information quickly and cost-efficiently – and doing it with simple, intuitive control. The solution is Konica Minolta.

It begins with EnvisionIT: our total, end-to-end approach to general business as well as legal, educational and healthcare demands. EnvisionIT combines intelligent design, enhanced performance and proven reliability in a powerful vision that speeds your output, improves your images and reduces your costs. You'll have bizhub MFP performance. Seamless integration with Konica Minolta and 3rd-party software. And IT support from our All Covered division, including managed IT services, IT projects, cloud services and information security services.

EnvisionIT Legal solutions aim to help law firms and departments of all sizes "envision" ways to work smarter and more efficiently with managed services and integration solutions designed for their specific business requirements. EnvisionIT solutions for K-12 and Higher Education help cut costs and balance budgets with innovative technology, eco-friendly products, world-class support to improve student performance and increase teacher and administrator productivity. And Konica Minolta EnvisionIT solutions for Healthcare are designed to meet the challenges facing today's healthcare facilities, including the protection of patient records with enhanced performance and security features that meet new standards of both the Health Insurance Portability and Accountability Act (HIPAA) and the Health Information Technology for Economic and Clinical Health (HITECH) initiative.



Both bizhub models feature fast dual-scanning document feeders that enable you to scan both sides of the page in a single pass, handling up to 160 originals per minute.



Enhanced panel operation lets users toggle between a Map Scroll Screen or Tab Screen to access functions needed and enable customers to execute functions in a highly intuitive manner.

### Color printing and scanning that will never slow you down.

For in-house, on-demand output that keeps ahead of your business and professional needs, the bizhub C554e prints and copies in both color and B&W at up to 55 ppm – the bizhub C454e at up to 45 ppm. Both models have standard single-pass dual scanning at up to 160 originals per minute, making them ideal on-ramps for hard-copy business information as well as client, student and patient records.

Distributed Scan compatibility with Windows servers lets you automate the scanning process by sending documents directly to a “Scan Server” set up to follow your instructions – another bizhub enhancement to speed your workflow.

You can scan to email, FTP, SMB and perform TWAIN scanning using simple command icons on your bizhub touch-screen panel. Scan-to-Me and Scan-to-Home capabilities let you move documents quickly to secure locations. You can also scan directly to convenient User Boxes for individuals, departments, workgroups and projects. Scan to PowerPoint, Word and Excel lets you convert hard-copy documents to highly versatile Office Open XML files easily and automatically. Scan to PDF/A and Linearized PDF capabilities optimize documents for display or archiving. Real-time preview of scanned images helps you save time by avoiding mistakes – and blank page removal during scanning eliminates wasted paper.

The bizhub C554e and C454e also give you control panel access to powerful, downloadable apps\* to enhance your productivity, including a PageScope Mobile app that allows you to print or scan documents on the go from multiple mobile platforms – an important advantage for medical, legal and educational professionals who work from widely separated workplaces or collaborate from home.

### INFO-Palette design: more document power at your fingertips.

With our latest evolution of INFO-Palette design, the bizhub C554e and C454e combine compact footprint, sleek dark cabinet design, and uniform control panel operation.

In fact, there’s never been such a powerful office MFP that’s also so easy to operate. Both models feature a 9” color screen with intuitive multi-touch functionality that’s as easy to operate as familiar tablet PCs. You can swipe, drag & drop, tap & toggle, switch easily between map scroll and tab screen menus to control printing, copying, scanning and other functions. A quick flick of your finger across the screen brings you to the menu you want. Function screens put both standard and custom settings at your fingertips.

Enhanced editing operations provide an advantage in previewing your documents before you print. New preview screen capabilities include pinch-in & pinch-out to enlarge or reduce image size and image rotation operations for smooth confirmation of document details. Long tap displays the next set of operating menus. Transparent menus let you see through to a lower level, so you always know where you are. You can simply touch a file stored in a User Box, drag it and release it in the print, send or edit processing area.

Your enhanced control panel has soft keys that can be called up and displayed in any screen position. An optional 10-Key Pad provides hard keys to make numerical entry quick and sure. The control panel tilts and adjusts from 23° to 55° for accessibility from any position for Section 508 compliance. Orange, blue and white LEDs are easier to see for the vision-impaired – and new reaction sounds give operators sound cues to verify that functions have been completed, commands deleted or authentication accepted. There’s even an optional Voice Guidance system to provide audible control instructions.

### Simitri color: spectacular quality that also protects the environment.

Another essential Konica Minolta innovation is Simitri® HD toner: the exclusive polymerized toner formulation that creates spectacular color images with improved fine detail and more legible text. For over a decade, Simitri toner has also used plant-based biomass material to reduce environmental impact.

With energy-saving standby mode and an Optimize Power Consumption mode that automatically sets correct on/off/standby status for workdays, weekends and holidays, both bizhub models consume less power. The control panel features an Eco-indicator screen that allows you to monitor paper, toner and energy usage by device, account or end-user. Energy-efficient LED lamps reduce energy consumption during scanning. And thanks to one-watt power consumption in sleep mode, your bizhub isn’t burning your budget when not in use.

And to protect the planet for future generations, our Eco Vision 2050 project is committed to reducing CO<sub>2</sub> emissions by 80% over 2005 levels – minimizing greenhouse gases that may contribute to global warming. Our Clean Planet program even provides cost-free recycling for all Konica Minolta consumables, including toner cartridges and bottles, imaging units, developer and drums. We provide prepaid shipping labels and cost-free packaging to make the recycling process hassle-free.



**Dow Jones Sustainability Indexes**

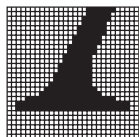
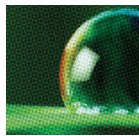
been named to the Dow Jones Sustainability World Index – and we’ve also won a Global 100 Most Sustainable Corporations award from Global Knights, the magazine for clean capitalism.

In recognition for our economic, environmental and social performance, Konica Minolta has recently

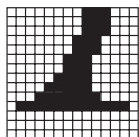
\*Not available at time of launch. Options required.

# HIGH-SPEED COLOR OUTPUT FOR IN-HOUSE, ON-DEMAND PRINTING

The bizhub C554e/C454e are built for speed – and built-in print control makes you more productive right from the start. You'll have robust design for reliable high-volume printing at up to 200,000 pages per month, with pro-quality inline finishing options for saddle-stitching, tri-folding, stapling, hole-punching and more. You can customize a right-size solution that grows with your business – and take advantage of the latest print utilities and cloud services to upload and access documents from any location.



1200 DPI



600 DPI

Konica Minolta's exclusive Simitri HD toner formulation uses smaller and more consistent particles to reproduce images with greater detail and sharper more legible text at true 1200 dpi resolution.

## Built-in print control for instant print and scan productivity.

The powerful Emperon® print system gives your bizhub C554e and C454e full print/copy/scan performance right from the start, with universal print driver, PCL6/PS3 emulation and native XPS functionality. Robust design and monthly duty cycle up to 200,000 pages provide reliable power for high-volume needs, with high-speed internal processing to reduce RIP time and keep color jobs moving when you're working on tight deadlines.

You'll have Auto Trapping and Black Overprint capabilities as well as a more versatile ICC profile for specialized or detailed color settings. Sophisticated color conversion imaging enhances your color printing and scanning – and a scanner with enhanced dynamic range captures vivid dark colors and accurate light greens.



Support for Microsoft Office Open XML lets you perform fast drag-and-drop printing of the latest Microsoft Office files, including docx, xlsx, and pptx. Using downloadable apps, you

can take advantage of Cloud storage services such as Google, SharePoint and Office 365. A convenient USB port on each bizhub lets you print and save documents to/from flash memory devices. A standard 250 GB hard disk drive provides on-board storage for electronic documents as well as quick redistribution or reprinting of jobs you've already scanned or printed.

## Maximum print/copy flexibility in more paper sizes and weights.

Enhanced paper capacity of up to 6,650 sheets is another big advantage for high-volume applications, enabling you to work longer with less reloading. Along with 500-sheet universal paper drawers, you can add 2,500-sheet or 3,000-sheet Large Capacity Units. The bizhub C554e and C454e both accept a wide range of media, from thin 14 lb. bond paper (52 gsm) to thick 100 lb. cover stock (300 gsm) — in sizes up to 12" x 18", preserving margins and crop-marks on 2-page spreads or oversized charts and graphs.

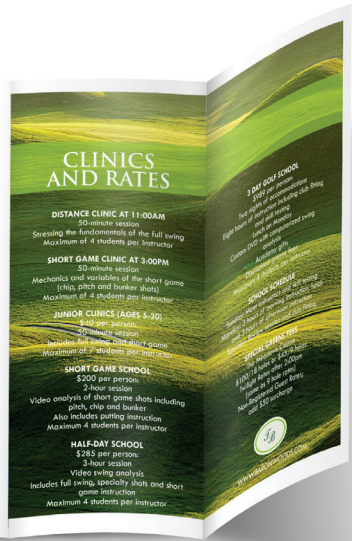
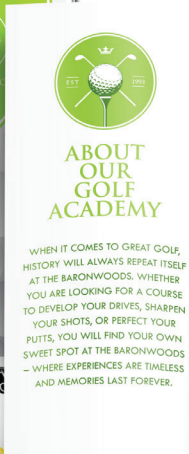
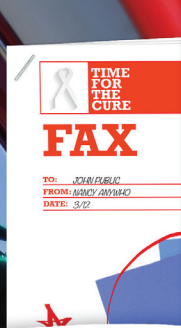
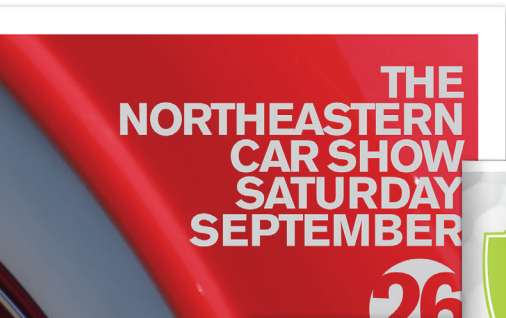
You'll have standard duplexing at full rated engine speed to save paper by printing 2-sided originals. Both models let you print tabbed pages from the multiple bypass tray and insert tabs into healthcare records, legal case files, student information binders, human resource packets or tabbed documents. And Watermark mode lets you apply transparent marks to print/copy output to identify or restrict access to documents.

Proof Copy/Print allows you to run off a test page to check your settings before starting your entire print run. Carbon Copy printing saves time by outputting the same data continuously from multiple paper trays in different paper weights or colors – for example, white for immediate distribution, yellow for forwarding, green for filing.

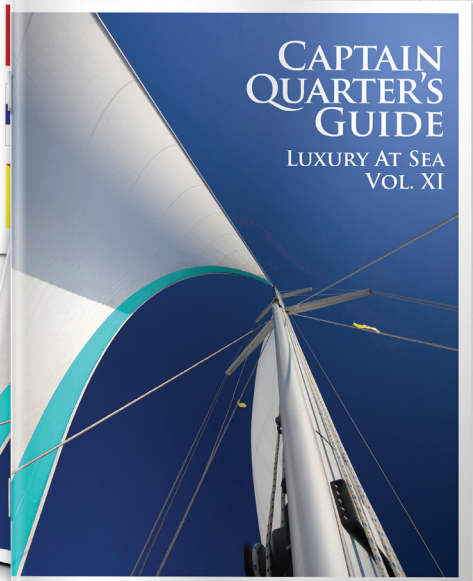


Direct Print supports the newly adopted document format Office Open XML – saving you time by allowing drag-and-drop printing of many popular file formats.





SIGNS OF THE TIMES: ROBERTSON & CAINE OFFER A NEW PERSPECTIVE



Modular finishing options to speed your output and lower your cost.

All these pro-quality production features make the bizhub C554e or C454e an ideal solution for in-house color printing that saves time and money while keeping control of sensitive information, including business plans, legal documents, financial information and student or patient records.

With modular, scalable inline finishing options, the bizhub C554e and C454e make things easy by eliminating the need for costly outsourcing or tedious hand-finishing – giving you the power to produce color and B&W reports, presentations, case files, newsletters, records and marketing or training materials in a seamless process that saves time and money.

Both the bizhub C554e and C454e accept a compact FS-534 Staple Finisher that perform 50-sheet 3-position stapling and sorting. There is also an FS-534 Finisher + SD-511 Saddle-Stitcher Kit version for creating up to 80-page booklets with support for tri-fold sheets. Both finishers also accept the optional PK-520 2/3 Hold Punch Kit. Crisp creases in booklets and tri-fold sheets improve the look of your finished product. The bizhub C554e also accepts the powerful FS-535 100-sheet Staple Finisher with Z-fold support option. The PI-505 Post Inserter option provides cover insert sheet capability.

The JS-506 Job Separator Tray option helps you sort prints, copies or faxes more easily without increasing your compact MFP footprint. There's even an ultra-compact FS-533 Internal Finisher for corner or 2-position stapling in applications that don't require pro-quality auto-finishing. With all these modular options, you can easily build a system that serves your needs today – and grows with your business tomorrow.

# SOFTWARE AND SYSTEM ENHANCEMENTS TO EXPAND YOUR HORIZONS

For greater production power, Konica Minolta gives you all the options – including a powerful Fiery Image Controller for graphic-intensive applications and a Super G3 high-speed fax with multi-line options. You'll have seamless integration with standard 3rd-party software, control-panel access to downloadable apps\* that improve your productivity, and system enhancements for document management, variable-data mailing, account tracking, cost recovery – even industry-standard programs for healthcare, education, legal and other specialized applications.

## Advanced options to expand your all-in-one productivity.



Our evolutionary bizhub C554e and C454e incorporate a wide array of extended functions

– including direct access to downloadable apps from the bizhub MarketPlace.\* These apps, specifically designed for use on our MFPs, allow you to display corporate announcements on your control panel, access a library of business forms and templates, check on the status of your MFP's security settings, scan to Microsoft SharePoint, order Clean Planet recycling boxes, print Clean Planet shipping labels and much more – all without ever leaving the MFP.

Along with downloadable productivity apps and scalable options for auto finishing and paper handling, you'll have access to innovative i-Options for the specialized capabilities required by your business or profession. The new i-Option LK-110 makes it easy to convert User Box data to Compact PDF files and transform incoming faxes to searchable PDF. LK-110 lets you create or convert documents to the various Office Open XML file formats you need. You can also direct-print files attached to email messages. And you can quickly encrypt PDF files – an important security enhancement to safeguard confidential information.

Another new i-Option, LK-111, provides ThinPrint support – enabling the bizhub C554e and C454e to print in ThinPrint environments without additional hardware. ThinPrint can speed your printing by performing data compression and controlling broadband network traffic when print jobs are sent from ThinPrint engine to ThinPrint client. You can also add more i-Option kits for your bizhub MFP: LK-101 v3 for web-browser support, LK-102 v3 for PDF/A (1a/1b), Linearized PDF and AES 128-bit PDF encryption support, LK-104 v3 for Voice Guidance operation, LK-105 v3 to create searchable PDF files, LK-106 for Barcode Font support, LK-107 for Unicode Font support, and LK-108 with support for OCR Font printing.

The bizhub C554e and C454e incorporate Konica Minolta's IWS (Internal Web Server) – a simple, convenient web browser solution for all-in-one functionality. You can even add our Super G3 fax, with dual-line option for high-volume transmission and reception. Scan/Fax Destination List speeds your distribution by filtering searches by criteria you determine – and you'll have selectable fax file formats including PDF, compact PDF, TIFF, JPEG and XPS, plus Color Internet Faxing, PC Faxing and IP Address Faxing for maximum flexibility to speed information to destination.



## Fiery color management for graphics-intensive applications.

The bizhub C554e and C454e both accept the optional IC-414 Fiery Image Controller from EFI, giving graphics professionals an ideal all-in-one solution for superior color accuracy and greater productivity in marketing, advertising, design and communications.

The IC-414 handles specific Pantone color matching requirements for reproducing custom corporate colors. Standard EFI Command Workstation functionality helps you manage your color printing more efficiently. Powerful print queue management capabilities keep jobs moving even at times of peak demand – and Fiery Graphic Arts Options include Auto Trapping, Hot Folder printing with embedded job ticket settings, job setup with finishing options and imposition attributes for drag-and-drop printing.

An optional Color Profiler Suite allows you to create customized ICC profiles with CMYK devices. Standard Fiery VUE software orchestrates all these elements into a professional solution for high-impact results – speeding your color workflow and giving you the ability to fine-tune color output to suit the needs of any graphics project.

## Enhanced security for protecting information in the digital era.

Security isn't an option – it's a necessity, especially for specialized legal, educational and healthcare applications that must comply with JSOX, FERPA, HIPAA and other government requirements for the protection of sensitive client, student and patient information.

Both the bizhub C554e and C454e include the enhanced security protections your business demands. With bizhub SECURE, your service provider can initiate a powerful array of lock-down protections that guard your bizhub from unauthorized operation. You can initiate encrypted PDF workflow to protect information passing from PCs to networked bizhub devices. IP filtering registers IP addresses of the PCs on your network.

All models are currently in evaluation to meet strict ISO 15408 security standards – and all accept a wide array of advanced security options to fit the needs of any application, including Biometric Authentication for quick "ID and print" operation, input for HID Proximity Cards, iClass Cards and Magnetic Stripe Cards, CAC/PIV Card support (available summer 2013), even an optional built-in IC card reader. An optional Copy Guard system can require password access to make copies. HDD Lock can apply password protection to your bizhub hard disk drive.

For environments that demand the highest level of security, the bizhub C554e and C454e also comply with the higher level IEEE 2600.1 international standard for MFP and printer information security. To protect information once stored on your bizhub hard disk drive, their Job Erase function automatically overwrites your HDD up to three times – meeting the criteria of DoD 55220.22-M (Department of Defense) and NAVSO P-5239-26 (US Navy). And when your bizhub is reassigned to another location or removed from service, HDD Sanitizing can overwrite data in eight different modes so no sensitive information is compromised.

The PageScope Mobile App enables busy professionals to print from smartphones and other portables directly to networked bizhub devices.



The optional IC-414 Fiery Image Controller brings office workgroups high-quality color control, and automated workflows, allowing them to deliver fully finished, high-impact documents faster than ever before.



## bEST: a better approach to of 3rd-party business software.

Hardware and software, working together – that's a key advantage of Konica Minolta's bizhub Extended Software Technology (bEST). Your bizhub control panel can give you direct access to commands for standard business software as well as specialized document handling capabilities for legal, educational and healthcare applications.

Konica Minolta's own PageScope Enterprise Suite provides a powerful set of bizhub productivity tools for server-based authentication and account tracking – including a MyPanel Manager utility to customize the interface that appears at each bizhub MFP and disappears when users log out.

PageScope software utilities do even more. PageScope Web Connection gives each bizhub its own internal website for fast access to device status information. PageScope Net Care Device Manager provides fast, simple IT management of multiple devices from a single point. PageScope Print Status Notifier provides automatic alerts to speed your workflow. PageScope Data Administrator™ handles addresses, passwords, and accounts with ease – and PageScope Box Operator lets you download and access scanned User Box data from your PC.

**For all your document needs, you can count on Konica Minolta.** Konica Minolta Business Solutions U.S.A., Inc. is a leader in advanced document management technologies and IT Services. The company focuses on complete business solutions including production print systems, digital presses, multifunctional products (MFPs), managed print services, vertical application solutions and related services and supplies. Konica Minolta has won numerous awards and recognition including being recognized as the #1 Brandv for Customer Loyalty in the MFP Office Copier Market by Brand Keys for six years in a row. For the third consecutive year, Buyers Laboratory LLC (BLI) has named Konica Minolta the winner of its "A3 MFP Line of the Year" award. Konica Minolta also received "Document Imaging Solutions Line of the Year" recognition from BLI – and has been named to the Dow Jones Sustainability World Index in recognition of the company's

economic, environmental and social performance. We are proud of our record of achievement – and we invite you to learn first-hand why you can always count on Konica Minolta. For more information, visit: [www.CountOnKonicaMinolta.com](http://www.CountOnKonicaMinolta.com)



# bizhub C554e/C454e

FULL COLOR PRINTER/COPIER/SCANNER/FAX



bizhub C554e



bizhub C454e

## SPECIFICATIONS

Type / Toner System / Print Method	Full-Color Printer/Copier/Scanner with Stationary Platen / Simitri HD Toner with Biomass / Tandem Process
Monthly Duty Cycle (pages)	200,000
Print / Copy Speed (Letter, portrait)	Full Color & B&W: 55ppm
DF-701 Dual Scanner Document Feeder	Full Color/B&W Duplex Speed: 160 opm, Full Color/B&W Simplex Speed: 80 opm, Paper Capacity: 100 Sheets, Paper Size: 5.5" x 8.5" to 11" x 17"
Power Requirements / Consumption	120V 16A (60 Hz) / 1920W or less
Dimensions / Weight	24.2"(W) x 27"(D) x 36.3"(H) / 220.5 lbs

## COPY

Warm-up Time / First Copy Time	Less than 22 seconds / Full Color: 4.6 seconds or less, B&W: 4.1 seconds or less	Less than 25 seconds / Full Color: 5.5 seconds or less, B&W: 4.6 seconds or less
Copy Resolution / Quantity	600 x 600 dpi / 1-9,999	
Magnification	Zoom range: 25% - 400%, 0.1% increments, Preset reduction: 78.5%, 73.3%, 64.7%, 50.0%, Preset enlargement: 121.4%, 129.4%, 154.5%, 200%	
Copy Exposure Modes	Text (legible text), Text/Photo (clear text and halftones), Photo (optimized for gradations), Map (fine edges and legible text), Dot Matrix (dot matrix or pencil originals), Copied Paper	

## PRINT: Emperon Print System with bizhub Extended Solution Technology / Open API

Processor / Memory / Hard Disk Drive	800 MHz / 2GB / 250GB (Shared with the copier)
Print Resolution	600 x 600 dpi (1800 dpi equivalent x 600 dpi) or 1200 x 1200 dpi / Grayscale Gradations: 256 shades per pixel
Page Description Language / Fonts	PCL5e/c, PCL6 (v.3.0) Emulation, PS3 (v.3016) Emulation, XPS v.1.0 (XML Paper Specification) / PCL: 80 Roman fonts, PostScript 3 Emulation: 137 Roman fonts
Operating System Compatibility	<b>PCL6/PS3:</b> Windows XP Home (SP1), Windows XP Professional (x32, x64), Windows Vista (x32, x64), Windows 7 (x32, x64), Windows 8 (x32, x64), Windows Server 2003 Standard & Enterprise (x32, x64), Windows Server 2003 Standard & Enterprise R2 (x32, x64), Windows Server 2008 Standard & Enterprise (x32, x64), Windows Server 2008 Standard & Enterprise R2, Windows Server 2012 Datacenter & Standard; <b>XPS:</b> Windows Vista (x32, x64), Windows 7 (x32, x64), Windows 8 (x32, x64), Windows Server 2008 Standard & Enterprise (x32, x64), Windows Server 2008 Standard & Enterprise R2, Windows Server 2012 Datacenter & Standard; <b>Mac (PS-PPD):</b> OS 9.2 or later, OS X 10.2 or later, OS X 10.4 (Intel) or later; <b>Linux:</b> Red Hat Enterprise
Interface	10 Base-T/100 Base-TX/1000 Base-T, USB 1.1, USB 2.0, USB Host
Network Protocols	TCP/IP (IPv4/IPv6), BOOTP, ARP, ICMP, DHCP, DHCP v6, AutoIP, SLP, SNMP, FTP, LPR/LPD, RAW Socket, SMB, IPP, HTTP, POP, SMTP, LDAP, NTP, SSL, IPX, AppleTalk, Bonjour, NetBEUI, WebDAV, DPWS, S/MIME, IPSec, DNS, DynamicDNS, LLMMNR, LLTD, SSDP, SOAP

## COPY / PRINT FUNCTIONS

Features	Account Track (1,000 accounts), Administration Mode, Auto Duplex, Auto Tray Switching, Card Shot, Copy Guard, Encrypted Network Password Printing, Energy Save Mode, Enlarge Display, Erase (Border, Frame, Edge) Mode, Finishing (Group, Sort, Staple, Punch, Half-Fold, Tri-Fold, Center Staple and Fold), Form Overlay, Glossy Mode, HDD Encryption, HDD Job Overwrite, HDD Sanitizing, Image Preview (Job Finishing Image Display, Engine Configuration Display), Interrupt, Job List, Job Reserve, Job Skip, LDAP, Mixplex, Mix-Media, MyTab, Non-Image Area Erase, OHP Interleaving, Password Copy, Program/Recall Jobs, Print from USB, Proof Copy, Secure Printing, Separate Scan, Tab Printing, User Authentication (Up to 20 Authentication Servers) (Synchronize w/Account Track), User Box Function, Utility (Meter Count, Environment Settings, Default Settings, One-Touch Settings, Check Consumable Life), Watermark, Zoom Selection
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## SCAN

Scan Resolutions / File Formats / Color Modes	200 dpi, 300 dpi, 400 dpi, 600 dpi / TIFF, PDF, Compact PDF, JPEG, XPS, Compact XPS, PPTX / Auto Color, Full Color, Black & White, 2-Color, Single Color
Scan Functions	Scan-to-Email, Scan-to-FTP, Scan-to-HDD (Scan-to-User Box), Scan-to-Me/Scan-to-Home, Scan-to-SMB (Scan-to-Desktop), Scan-to-USB, Scan-to-WebDAV, Distributed Scan Management, Network TWAIN, WS-Scan, Color Internet Fax

## \* FK-508 / FK-511 FAX KIT (OPTIONAL)

Compatibility / Compression	Super G3 compatibility, 33.6 Kbps modem speed / MH, MR, MMR, JBIG data compression
Fax Transmission Speed / Fax Memory	Less than 3 seconds per page (JBIG, standard resolution) / 2 GB (shared print, copy, scan, fax memory)
Fax Line Mode / Fax Exposure Mode	PSTN, PBX, G3 / Text, Text/Photo, Photo, Dot Matrix
Fax Functions	Autodialing (2,000 addresses), Auto Memory Reception, Broadcasting (maximum 600 locations), Duplex Transmission/Reception, F-Code Support, Group Dialing (up to 500 addresses per group / up to 100 groups), Password Transmission/Reception, PC-Fax, IP Address Fax, Polling Transmission/Reception, Program Dialing (400 programs), Timer Transmission, TSI Routing
Options	Spare TX-Marker Stamp 2, SP-501 Fax Stamp Unit

## PAPER HANDLING

Original Size	Up to 11" x 17" (scanning/copying), Up to 11" x 17" full bleed on 12" x 18" paper (printing)
Paper Trays	<b>Tray 1:</b> 500-sheet (universal cassette) / 5.5" x 8.5" to 11" x 17" / 14 lb. bond to 140 lb. index <b>Tray 2:</b> 500-sheet (universal cassette) / 5.5" x 8.5" to 12" x 18" / 14 lb. bond to 140 lb. index <b>Bypass Tray:</b> 150-sheet bypass/4" x 6" to 12" x 18", 8" x 13" / Banner Paper / 16 lb. bond to 100 lb. cover up to 300 gsm
PC-110 Paper Feed Cabinet	500-sheets / 8.5" x 11", 8.5" x 14", 11" x 17" / 14 lb. bond to 140 lb. index / Foolsap: 8.5" x 13.5", 220mm x 330mm, 8.5" x 13", 8.25" x 13", 8.12" x 13.25", 8" x 13"
PC-210 Paper Feed Cabinet	500-sheets (x2) / 8.5" x 11", 8.5" x 14", 11" x 17" / 14 lb. bond to 140 lb. index / Foolsap: 8.5" x 13.5", 220mm x 330mm, 8.5" x 13", 8.25" x 13", 8.12" x 13.25", 8" x 13"
PC-410 Paper Feed Cabinet	2,500-sheets / 8.5" x 11" / 14 lb. bond to 140 lb. index
LU-204 Large Capacity Unit	2,500-sheets/8.5" x 11", 8.5" x 14", 11" x 17", 12" x 18"/14 lb. bond to 140 lb. index
LU-301 Large Capacity Unit	3,000-sheets/8.5" x 11"/14 lb. bond to 140 lb. index
Maximum Paper Capacity	6,650-sheets (total with options)

## APPLICATIONS

Network & Device Management	PageScope Data Administrator, Driver Packaging Utility, HDD Back-Up Utility, Download Manager (ICC Color Profile Utility), Log Management Utility
User Tools / Management Tools	PageScope Web Connection, PageScope Direct Print, PageScope Box Operator, PageScope Print Status Notifier, Copy Protect Utility, Print Utility for Unix / bizhub vCare support
PageScope Enterprise Suite	PageScope Account Manager, PageScope Authentication Manager, PageScope MyPrint Manager, PageScope MyPanel Manager, PageScope Net Care Device Manager (standard)

## \* ADDITIONAL OPTIONS

Authentication / Security Options	AU-102 Biometric Authentication Unit, AU-201H HID Proximity Card Authentication Unit, AU-202H HID iClass Card Authentication Unit, AU-204H Magnetic Stripe Card Reader, AU-211P CAC/PIV Solution*, SC-508 Copy Guard Kit, WT-506 Working Table to support Authentication Devices, MK-735 Internal Mount Kit
External Keyboard	KH-102 Keyboard Mount Kit, KP-101 10-Key Pad, EK-606 USB Interface for External Keyboard and Voice Guidance, EK-607 USB Interface for External Keyboard, Bluetooth Support and Voice Guidance
i-Option	LK-101 v3 i-Option, LK-102 v3 i-Option, LK-104 v3 i-Option, LK-105 v3 i-Option, LK-106 i-Option, LK-107 i-Option, LK-108 i-Option, LK-110 i-Option, LK-111 i-Option, UK-204 i-Option Memory Upgrade Kit
Finishing	FS-533 50-Sheet Inner Staple Finisher, FS-534 50-Sheet Staple Finisher, FS-534 50-Sheet Staple Finisher + SD-511 Saddle Stitcher Kit, FS-535 100-Sheet Staple Finisher**, JS-506 Job Separator, JS-602 Job Separator Tray (FS-535)***, OT-506 Output Tray (Exit Tray), PI-505 Post Inserter (FS-535)***, PK-519 Punch Kit (FS-533), PK-520 Punch Kit (FS-534), PK-521 Punch Kit (FS-535)***, SD-512 Saddle Stitcher Kit (FS-535)***, ZU-606 Z-Fold unit (FS-535)**
Others	DK-510 Copy Desk, MK-730 Banner Paper Guide

## \* FIERY IC-414 EMBEDDED IMAGE CONTROLLER (OPTIONAL)

Processor / Memory / Hard Disk Drive	Intel Pentium E5300 2.6 GHz / 2 GB (standard/max) / 160 GB HDD
Page Description Language / Fonts	PCL5, PCL6, Adobe PostScript 3 (version 3019) / PCL: 80 fonts, Adobe PS3: 138 fonts
Operating System Compatibility	<b>PCL6, PS3:</b> Windows XP (x32, x64), Windows Vista (x32, x64), Windows 7 (x32, x64), Windows 8 (x32, x64), Windows Server 2003, Windows Server 2008 (x32, x64), Windows Server 2012 (x64); <b>Mac:</b> OS X 10.4.x, Intel-based: 10.4.x (print driver), 10.5.x, 10.6.x, 10.7.x, 10.8.x; <b>Unix/Linux</b>
Interface / Protocols	10 Base-T/100 Base-TX/1000 Base-T, USB 1.1, USB 2.0 / TCP/IP, IPX/SPX, AppleTalk (EtherTalk), LPR, SMB, LPD, Network (5.x, 6.x), Pserver, Nprinter, NDPS, IPP, SMTP/POP3, LDAP, SSL/TLS, SNMP, HTTP/HTTPS, IPv6, DPWS (WSD)
Standard Software	Fiery Command Workstation, ColorWise Tools, Fiery Spot-On™, Fiery WebTools, Fiery VUE, Secure Erase
Optional Software / Hardware	Fiery Productivity Package, Hot Folders/Virtual Printers, Auto Trapping, SeeSequence Imposé, SeeSequence Compose, Imposé+Compose Suite, Color Profiler Suite W/ES-2000, ES-2000 Spectrophotometer / VI-506 Video Interface Kit for IC-414

● OPTIONAL ● STANDARD



KONICA MINOLTA

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