



KONICA MINOLTA

The bizhub 454e is designed for speed – fast print/copy output, quick scanning to multiple destinations, and simple touchscreen control that’s as easy as a familiar tablet. Up to 45 ppm monochrome output with high-resolution Simitri® toner quality gets the job done right – and you can capture both color and B&W documents at up to 160 originals per minute with standard dual scanning. An optional Super G3 fax supports up to 4 fax lines for high-volume traffic. Powerful finishing options allow you to save time and money by printing in-house and on-demand. Multiple i-Options and security enhancements let you customize a right-size solution for your business – and PageScope® software lets you manage documents and devices from a single point, for cost-effective workflow that improves your productivity and boosts your bottom line.



# SMARTER SOLUTIONS FOR FAST OUTPUT WITH TOUCHSCREEN SIMPLICITY



## **bizhub 454e** B&W PRINTER/COPIER/SCANNER/FAX

- UP TO 45 PPM PRINT/COPY OUTPUT FOR HIGH-SPEED PRODUCTIVITY
- STANDARD DUAL SCANNING AT UP TO 160 ORIGINALS PER MINUTE
- LARGE 9" COLOR DISPLAY WITH QUICK TABLET-LIKE INTERFACE
- TOUCHSCREEN FOR SIMPLE CONTROL AND 3RD-PARTY SOFTWARE INTEGRATION
- BUILT-IN EMPERON® PRINT SYSTEM, UNIVERSAL PRINTER DRIVERS
- SIMITRI® POLYMERIZED TONER FOR HIGH-RESOLUTION IMAGING
- STANDARD 250 GB HDD FOR ON-BOARD DOCUMENT STORAGE
- MEETS ISO 15408 AND IEEE 2600.1 SECURITY STANDARDS\*
- NEW POWER-SAVING DESIGN WITH QUICK RECOVERY FROM SLEEP MODE
- 6,650-SHEET MAXIMUM CAPACITY, TAB PRINTING SUPPORT, CARBON-COPY PRINTING
- PAGESCOPE® ENTERPRISE SUITE v3 FOR ADVANCED AUTHENTICATION, SECURE PRINT RELEASE AND REMOTE FIRMWARE UPDATES
- FINISHING OPTIONS FOR 80-PAGE BOOKLET-MAKING
- 50-SHEET STAPLING, 2/3-HOLE PUNCH, TRI-FOLD AND MORE
- DOWNLOADABLE APPS\*\* TO HELP YOU WORK FASTER AND SMARTER
- NEW i-OPTIONS TO ADD FUNCTIONS FOR WORKING MORE EFFICIENTLY
- EPEAT GOLD-CERTIFIED, LOW POWER CONSUMPTION TO CUT COSTS

\* Anticipated availability spring 2014.

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



# bizhub 454e

MONOCHROME PRINTER/COPIER/SCANNER/FAX



COUNT ON KONICA MINOLTA

SPECIFICATIONS	
Type / Toner System / Print Method	Printer/Copier/Scanner with Stationary Platen / Simitri HD Toner with Biomass / Tandem Process
Monthly Duty Cycle (pages)	175,000
Print / Copy Speed (Letter, portrait)	45ppm
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) / 205 lbs

COPY	
Warm-up Time / First Copy Time	Less than 25 seconds / 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	
Processor / Memory / Hard Disk Drive	800 MHz / 2GB RAM / 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 (XL 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 / Linux: 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, LLNMR, LLTD, SSSD, SOAP

COPY / PRINT FUNCTIONS	
Features	Account Track (1,000 accounts), Administration Mode, Auto Duplex, Auto Tray Switching, Card Shot, Copy Guard, Cover Mode, 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 Adjustments, Image Preview (Job Finishing Image Display, Engine Configuration Display), Interrupt, Job List, Job Reserve, Job Skip, 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

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 / Foolscap: 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 / Foolscap: 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
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, 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-205H IC 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 + SD-511 50-Sheet Staple Finisher + 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

● OPTIONAL ● STANDARD

\*Anticipated availability Winter 2014.



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