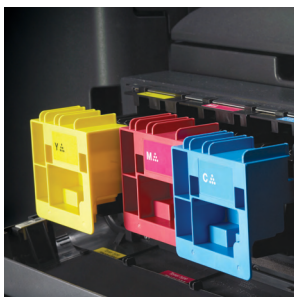




KONICA MINOLTA

Count on the bizhub® C452 for spectacular colour and cost-effective B&W documents at up to 45 ppm. Exclusive high-speed image stabilization gives you superior detail with consistent quality – and Simitri® HD toner uses Biomass, a renewable organic resource that reduces environmental impact. Print/scan productivity is built in, with fast, flexible scanning to share information more easily. You'll be able to import and export files to/from User Boxes, use optional Bluetooth® printing for added convenience, and add a powerful Fiery® Image Controller for graphics-intensive applications. A compact Floor Finisher option provides modular functions such as 50-sheet stapling, 60-page booklet-making, and 2/3-hole punching – and you can add a Super G3 fax option and a Scan Accelerator Kit option for optimum performance with 3<sup>rd</sup>-party document management solutions. Speed, security and right-size design: that's why businesses count on bizhub.

## a total document solution in **colour** and b&w.



full color printer / copier / scanner / fax



### **bizhub C452**

- 8.5" COLOUR TOUCH-SCREEN WITH THUMBNAIL PREVIEW
- BUILT-IN EMPERON® PRINT SYSTEM, PCL6/PS3, NATIVE XPS
- UNIVERSAL PRINTER DRIVER: COMMON INTERFACE, STANDARD COMMANDS
- AWARD-WINNING MYTAB: QUICK ACCESS TO CUSTOM PRINT SETTINGS
- 78 OPM SCANNING WITH SCAN-TO-ME, SCAN-TO-HOME
- 6,650-SHEET MAXIMUM PAPER CAPACITY FOR LONG PRINT/COPY RUNS
- FRONT ACCESS FOR USB PRINTING AND SCANNING
- STANDARD 250 GB HDD FOR HIGH-CAPACITY STORAGE
- BOOKLET-MAKING, STAPLING, 2/3-HOLE PUNCH OPTIONS
- I-OPTION™ KITS: SEARCHABLE PDF, WEB ACCESS, PDF ENCRYPTION
- SCAN ACCELERATOR KIT OPTION TO MAXIMIZE PRODUCTIVITY
- PAGESCOPE® SOFTWARE FOR SEAMLESS NETWORKING
- ENHANCED SECURITY FEATURES, VERSATILE AUTHENTICATION OPTIONS
- GREEN TECHNOLOGIES TO SAVE ENERGY, REDUCE WASTE

The essentials of imaging

# bizhub C452

full color printer / copier / scanner / fax

## General Specifications:

TYPE:	Full-Colour Printer/Copier/Scanner with Stationary Platen	
PRINT/COPY PROCESS; TONER TYPE:	Tandem Process; Simitri® HD Toner with Biomass	
MONTHLY DUTY CYCLE:	150,000	
PRINT/COPY SPEED; RESOLUTION:	Full Colour: 45 ppm (letter, portrait), B&W: 45 ppm (letter, portrait); 1800 dpi equivalent x 600 dpi	
SCAN SPEED/SCAN RESOLUTION:	Full Colour: 78 opm (@ 300 dpi, letter), 55 opm (@ 600 dpi, letter), B&W: 78 opm (@ 300 dpi, letter), 65 opm (@ 600 dpi, letter) / 200 dpi, 300 dpi, 400 dpi, 600 dpi	
SCAN FILE FORMATS:	TIFF, PDF, Compact PDF, JPEG, XPS, Compact XPS	
MEMORY/HARD DISK DRIVE:	2 GB (shared print, copy, scan and fax memory)/250 GB HDD (shared print, copy, scan and fax)	
GRADATION:	256 colour shades per pixel	
ORIGINAL SIZE:	Up to 11" x 17" (scanning/copying), Up to 11" x 17" full bleed on 12" x 18" paper (printing)	
COPY SIZE:	Tray 1 (universal cassette): 5.5" x 8.5" to 12" x 18", Tray 2 (universal cassette): 5.5" x 8.5" to 12" x 18", Tray 3 (fixed cassette): 8.5" x 11", 5.5" x 8.5", 4" x 6", Tray 4 (fixed cassette): 8.5" x 11", 5.5" x 8.5", 4" x 6", Bypass Tray: 4" x 6" to 12" x 18", 8" x 13"	
WARM-UP TIME/FIRST COPY TIME:	30 seconds or less (from Sub SW), 45 seconds or less (from Main SW)/Full Colour: 6 seconds or less (letter), B&W: 4.8 seconds or less (letter)	
COPY QUANTITY:	1 – 9,999	
MAGNIFICATION:	Zoom range: 25% - 400%, 0.1% increments, Preset reduction: 79%, 73%, 65%, 50%, Preset enlargement: 121%, 129%, 155%, 200%	
COLOUR MODES:	Auto Colour, Full Colour, B&W, 2-Colour, Single Colour	
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	
FAXING (optional):	Super G3 compatibility, MH, MR, MMR, JBIG data compression, 33.6 Kbps modem speed, F-Code support	
FAX TRANSMISSION SPEED:	Less than 3 seconds/page (JBIG, standard resolution)	
FAX EXPOSURE MODES:	Text, Text/Photo, Photo, Dot Matrix	
STANDARD PAPER CAPACITY; MAXIMUM PAPER CAPACITY:	500-sheet universal cassette (17 lb. bond to 140 lb. index), 500-sheet universal cassette (17 lb. bond to 140 lb. index), 1,500-sheet cassette (17 lb. bond to 140 lb. index), 1,000-sheet cassette (17 lb. bond to 140 lb. index), 150-sheet bypass (17 lb. bond to 100 lb. cover or up to 300 gsm); 6,650 sheets (total, with options)	
DOCUMENT FEEDER (standard):	Reversing Automatic Document Feeder, Speed: Full Colour: 78 opm, B&W: 78 opm, Paper Capacity: 100 sheets, Paper Size: 5.5" x 8.5" to 11" x 17", Paper Weight: Single-sided: 9.25 lb. bond to 55.75 lb. bond, Double-sided or mixed: 13.25 lb. bond to 34 lb. bond	
POWER REQUIREMENTS/ CONSUMPTION:	120V, 60Hz/Less than 2,000W	
DIMENSIONS (W x D x H)/WEIGHT:	25.5" x 36"(30.5" without control panel) x 42.25"(includes RADF)/487.81 lb.	
OPTIONS:	AU-102 Biometric Authentication Unit, AU-201H HID Card Authentication Unit, AU-202H HID iClass Card Authentication Unit, C652/C360 Series Fax Kit, EK-604 USB Interface for External Keyboard, EK-605 USB Interface for External Keyboard & Bluetooth Support, External Keyboard, FK-502 Fax Board, FS-527 Floor Finisher, IC-412 Image Controller (EFI Fiery Controller), JS-504 Job Separator Tray, JS-603 Job Separator Tray (3rd Output Tray), KH-101 Keyboard Holder, LK-101 v2 i-Option, LK-102 i-Option, LK-105 i-Option, LU-204 Large Capacity Unit, LU-301 Large Capacity Unit, MK-720 Fax Connection Kit, OT-503 Output Tray (Exit Tray), PK-517 Punch Kit, SA-502 Scan Accelerator Kit, SC-507 Copy Guard Kit, SD-509 Saddle Stitcher Kit, Spare TX Marker Stamp 2, SP-501 Fax Stamp Unit, UK-203 i-Option Memory Upgrade Kit, WT-506 Working Table, VI-505 Video Interface Kit for IC-412	
AVAILABLE PRINT/COPY FUNCTIONS:	Account Track (1,000 accounts), Administration Mode, Auto Duplex, Auto Trapping, Auto Tray Switching, Bi-Directional Communication, Black Over Print, Card Shot, Colour Modes & Functions (Auto Colour/Full Colour, B&W Mode, Single Colour Mode, 2-Colour Mode), Colour Adjustments, Copy Guard, Copy Modes (Simplex/Duplex, 2-in-1, 4-in-1, 8-in-1, Book, Booklet, Booklet + Bind), Cover Mode, Creative Functions (Mirror Image, XY Zoom, Image Centre, Base Colour, Neg./Pos. Reverse, Image Repeat), Encrypted Network Password Printing, Energy Save Mode, Enlarge Display, Erase (Border, Frame, Edge) Mode, Finishing (Group, Sort, Staple, Punch, Half-Fold, Centre Staple and Fold), Form Overlay, Glossy Mode, HDD Encryption, HDD Job, Overwrite, HDD Sanitizing, Image Adjustments (Colour Matching, Pure Black Auto ON/OFF, Colour Balance, Screen Settings, Image Smoothing ON/OFF), 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, Paper Type Selection (Normal, Thick 1/1+, Thick 2, Thick 3, Thick 4), Print Modes (Simplex/Duplex, 2-in-1, 4-in-1, 6-in-1, 9-in-1, 16-in-1, Booklet, Booklet + Bind), Print from USB, Proof Copy, Secure Printing, Separate Scan, Text Enhancement, User Authentication (Up to 20 Authentication Servers) (Synchronize w/Account Track), User Box Function, Utility (Meter Count, Environment Setting, Default Setting, One-Touch Setting, Check Consumables Life), Watermark, Zoom Selection	
AVAILABLE SCAN FUNCTIONS:	Scan-to-Email, Scan-to-FTP, Scan-to-HDD (Scan-to-User Box), Scan-to-Me/Scan-to-Home, Scan-to-SharePoint, Scan-to-SMB (Scan-to-Desktop), Scan-to-USB, Scan-to-WebDAV, Network TWIN, WS-Scan, Color Internet Fax, Windows Distributed Scan Management*	
AVAILABLE FAX FUNCTIONS:	Autodialing (2,000 one-touches), Auto Memory Reception, Auto Reduction Printing, Broadcasting (maximum 605 locations), Bulletin Board, Duplex Transmission/Reception, Exposure Mode, Group Dialing (up to 500 one-touches per group), Image Rotation Transmission/Reception, Mailbox Transmission/Reception, Memory/Quick Dial, Overseas Transmission, Password Transmission/Reception, PC-Fax, Polling Transmission/Reception, Priority Transmission, Print Setting or Overnight Reception, Program Dialing (400 programs), Redial, Relay Broadcasting, Relay Transmission, Remote Reception, Timer Transmission, TSI Routing	
APPLICATIONS:	<b>Network &amp; Device Management:</b> PageScope Data Administrator, Driver Packaging Utility, HDD Back-Up Utility, Download Manager (ICC Color Profile Utility), Log Management Utility <b>User Tools:</b> PageScope Web Connection, PageScope Direct Print, PageScope Box Operator, PageScope Print Status Notifier, Font Management Utility, Copy Protect Utility, Print Utility for Unix	
MANAGEMENT TOOLS:	bizhub vCare support	
OPTIONAL SOFTWARE:	PageScope Workware, <b>PageScope Enterprise Suite:</b> PageScope Account Manager, PageScope Authentication Manager, PageScope My Panel Manager, PageScope Net Care Device Manager (standard)	
<b>CONTROLLERS:</b>	<b>Emperon Print System (standard):</b>	<b>Fiery IC-412 Embedded Image Controller (optional):</b>
PROCESSOR; MEMORY/HDD:	1 GHz (MC 7448); 2 GB (shared copier memory)/250 GB (shared copier HDD)	Intel Celeron 1.86 GHz FSB 533 MHz; 512 MB (standard/max)/80 GB HDD
PAGE DESCRIPTION LANGUAGE; FONTS:	PCL5e/c, PCL6 (XL v.3.0) Emulation, PS3 (v.3016) Emulation, XPS v.2.1.4.0 (XML Paper Specification); PCL: 80 fonts, PostScript 3 Emulation: 137 fonts	PCL6, Adobe PostScript 3 (version 3017); PCL: 80 fonts, Adobe PS3: 136 fonts
PRINT DRIVERS:	<b>PCL6:</b> Windows 2000 Professional, Windows NT 4.0, Windows XP Home/Professional (x32, x64), Windows Vista (x32, x64), Windows 7 (x32, x64), Windows Server 2003 (x32, x64), Windows Server 2008 (x32, x64) <b>PS3:</b> Windows 2000 Professional, Windows XP Home/Professional (x32, x64), Windows Vista (x32, x64), Windows 7 (x32, x64), Windows Server 2003 (x32, x64), Windows Server 2008 (x32, x64) <b>Universal PS3 &amp; PCL:</b> Windows 2000, Windows XP, Windows Vista, Windows 7* (x32, x64), Windows Server 2003, Windows Server 2008 (x32, x64) <b>XPS:</b> Windows Vista (x32, x64), Windows 7 (x32, x64), Windows Server 2008 (x32, x64) <b>Mac:</b> OS 9.2 (PPD file), OS X 10.2, 10.3, 10.4; Intel-based: 10.4 (print driver), 10.5, 10.6	<b>PCL6, PS3:</b> Windows 2000, Windows XP (x32, x64), Windows Vista (x32, x64), Windows 7(x32, x64), Windows Server 2003, Windows Server 2008 (x32, x64) (utilities only) <b>Mac:</b> OS 9.2 (PPD file), OS X 10.2, 10.3, 10.4; Intel-based: 10.4 (print driver), 10.5, 10.6
INTERFACE:	10 BASE-T/100 BASE-TX/1000 BASE-T, USB 1.1, USB 2.0	10 BASE-T/100 BASE-TX/1000 BASE-T, RJ45
PROTOCOLS:	TCP/IP, IPX/SPX, AppleTalk (EtherTalk), LPR, SMB, LPD, Netware (4.x, 5, 6), Pserver, Nprinter, NDPS, IPP 1.1, SMTP, POP3, LDAP, SSL/TLS, SNMP, HTTP/HTTPS, IPv6, DPWS (WSD)	TCP/IP, IPX/SPX, AppleTalk (EtherTalk), LPR, SMB, NDPS Gateway on Netware 5.0 or later, IPP, LDAP, SSL/TLS, SNMP, HTTP/HTTPS, IPv6
STANDARD SOFTWARE:	EFI Command Workstation, ColorWise ProTools, EFI Spot-On, EFI WebTools, Fiery Remote Scan, Fiery VUE	
OPTIONAL SOFTWARE:	EFI Hot Folders/Virtual Printers, Auto Trapping, Color Profiler Suite, EFI Impose, Secure Erase, ES-1000 Spectrophotometer	

\*Universal Printer Driver for Windows 7 anticipated availability Summer 2010.



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