



KONICA MINOLTA



bizhub C451 FULL COLOR_PRINTER_COPIER_SCANNER_FAX_

SUDDENLY BUSINESS LOOKS EVEN BETTER. Your business runs on information – so why keep it hidden in copy rooms? The new bizhub® C451 looks great anywhere, prints in spectacular high-speed color, and stores and shares documents with center-office simplicity and security. The Infoline design lets everyone know what's happening, input to output. The advanced Emperon® Print System is built-in for superior print/scan performance. A large-screen control panel previews documents before you print. And powerful fax and finishing options let you build an all-in-one document delivery solution with right-size cost-efficiency. So replace your old B&W or color printer/copier with the new bizhub C451 – and get up to speed on a whole new look in business information.



business_by design



- ▶ INNOVATIVE DESIGN, 360° STYLING, EASY ACCESS
- ▶ 45 PPM OUTPUT IN BOTH COLOR AND B&W
- ▶ EMPERON® PRINT SYSTEM, PCL/PS/XPS FUNCTIONALITY
- ▶ INFOLINE DESIGN SHOWS STATUS AT A GLANCE
- ▶ SPECTACULAR COLOR WITH NEW SIMITRI® HD TONER
- ▶ LARGE TOUCH-SCREEN TO PREVIEW DOCUMENTS
- ▶ ULTRA-SECURE BIOMETRIC AUTHENTICATION OPTION
- ▶ 6,650-SHEET MAXIMUM PAPER CAPACITY FOR LONG RUNS
- ▶ HIGH-VOLUME SUPER G3 FAX AND DUAL-LINE OPTIONS
- ▶ IMPROVED CONNECTIVITY AND EASIER INSTALLATION WITH MICROSOFT VISTA PROTOCOL
- ▶ PAGESCOPE® SOFTWARE, PAGESCOPE ENTERPRISE SUITE*
- ▶ ADVANCED i-OPTION™ WITH WEB BROWSER, IMAGE PANEL DISPLAY AND ENHANCED PDF ENCRYPTION

The essentials of imaging

* Available Spring 2008.



bizhub C451

FULL COLOR_PRINTER_COPIER_SCANNER_FAX_

CONNECT_COMMUNICATE_CONTROL_

General Specifications

TYPE:	Full-Color Printer/Copier/Scanner with Stationary Platen
PRINT/COPY PROCESS:	Tandem Process
TONER TYPE:	Simitri® HD Color Polymerized Toner
MONTHLY DUTY CYCLE:	150,000 pages
PRINT/COPY SPEED:	Full Color: 45 ppm (letter, portrait), B&W: 45 ppm (letter, portrait)
PRINT/COPY RESOLUTION:	1800 dpi (equivalent) x 600 dpi
SCAN SPEED / SCAN RESOLUTION:	Full Color: 70 opm (@300 dpi, letter), 50 opm (@600 dpi, letter), B&W: 70 opm (@300 dpi, letter), 55 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:	1,024 MB (shared print, copy, scan and fax memory)/60 GB HDD (shared print, copy, scan and fax)
GRADATION:	256 color shades per pixel
ORIGINAL SIZE:	Up to 11x17 (scanning/copying), Up to 11x17 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"*** or 8.5" x 5.5", Tray 4 (fixed cassette): 8.5" x 11"*** or 8.5" x 5.5", Bypass Tray 4" x 6" to 12" x 18"
WARM-UP TIME / FIRST COPY TIME:	Less than 30 seconds / Full Color: Less than 6.5 seconds (letter), B&W: Less than 4.8 seconds (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%
COLOR MODES:	Auto Color, Full Color, Black & White, 2-Color, Single Color
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 MEMORY:	1,024 MB (shared copier memory)
FAX EXPOSURE MODES:	Text, Text/Photo, Photo, Dot Matrix
STANDARD PAPER CAPACITY:	500-sheet universal cassette (17 lb. bond to 140 lb. index), 500-sheet universal cassette (17 lb. bond to 140 lb. index), 1,000-sheet cassette (17 lb. bond to 140 lb. index), 1,500-sheet cassette (17 lb. bond to 140 lb. index), 150-sheet bypass (17 lb. bond to 100 lb. cover or up to 300 gsm)
MAXIMUM PAPER CAPACITY:	6,650 sheets (total, with options)
DOCUMENT FEEDER (standard):	DF-611 Reversing Automatic Document Feeder, Speed: Full Color: 70 opm, B&W: 70 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 1,920W
DIMENSIONS (W x D x H) / WEIGHT:	25.5" x 30.5" (without control panel)/36" (with control panel) x 45.5" / 418.5 lb.
OPTIONS:	AU-101 Biometric Authentication Unit, AU-201H HID Card Authentication Unit*, EK-603 USB Host Board (Local I/F Kit), FK-502 Fax Board, FS-517 (50) Sheet Staple Finisher, FS-519 Built-In Base Finisher, FS-608 Saddle Finisher, JS-504 Job Separator, LK-101 i-Option, LK-102 i-Option, LU-301 Large Capacity Unit, ML-501 Multi-Line Kit, MT-502 Mailbin Kit for FS-519, OT-503 Output Tray Unit (Exit Tray), OT-602 Output Tray, PK-512 Punch Kit for FS-517/608 (2/3 Holes), PK-515 Punch Kit (for FS-519 A01G0Y2), SA-501 Scan Accelerator Kit, SC-503 HDD Encryption Kit, SD-505 Saddle Stitcher Kit for FS-519, Spare TX Marker Stamp 2, SP-501 Fax Stamp Unit, UK-201 Upgrade Kit, WT-502 Working Table, IC-409 Image Controller (EFI Fiery Controller), VI-504 Video Interface Kit for IC-409
AVAILABLE PRINT/COPY FUNCTIONS:	Account Track (1,000 accounts), Administration Mode, Auto Duplex, Auto Tray Switching, Banner Printing (with FS-519), Bi-Directional Communication, Color Modes & Functions (Auto Color/Full Color, Black & White Mode, Single Color Mode, 2-Color Mode, Color Adjustments - Brightness, Contrast, Saturation, Sharpness, Red, Green, Blue, Portrait, Hue, Density, Color Balance, Copy Density, Sample Copy), 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 Center, Base Color, 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, Center Staple and Fold and Tri-Fold), Form Overlay, Glossy Mode, HDD Random Erase, Image Adjustments (Color Matching, Pure Black Auto ON/OFF, Color Balance, Screen Settings, Image Smoothing ON/OFF), Image Preview (Job Finishing Image Display, Engine Configuration Display), Interrupt, Job List, Job Erase, Job Reserve, LDAP, OHP Interleaving, Mixplex, Mix-Media, 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), Watermarks, Zoom Selection
AVAILABLE SCAN FUNCTIONS:	Scan-to-Email, Scan-to-FTP, Scan-to-WebDAV, Scan-to-SMB (Scan-to-Desktop), Scan-to-HDD (Scan-to-User Box), Scan-to-USB, Network TWIN, WS-Scan
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
APPLICATIONS:	Network & Device Management: PageScope NDPS Gateway, PageScope EMS Plug-Ins, PageScope Net Care Device Manager, PageScope Network Setup, PageScope Data Administrator, Driver Packaging Utility, HDD Back-Up Utility, Download Manager (ICC Color Profile Utility), Log Management Utility, User Tools: PageScope Web Connection, PageScope Direct Print, PageScope Box Operator, PageScope Print Status Notifier, Web Print Assistant, Font Management Utility, Copy Protect Utility, Print Utility for Unix
MANAGEMENT TOOLS:	bizhub vCare support
OPTIONAL SOFTWARE:	PageScope Workware, PageScope Enterprise Suite* : PageScope Account Manager*, PageScope Authentication Manager*, PageScope MyPanel Manager*

Emperon Print System (standard):

PROCESSOR:	867 MHz (MC7447A)
MEMORY/HARD DISK DRIVE:	1,024 MB (shared copier memory)/60 GB (shared copier HDD)
PAGE DESCRIPTION LANGUAGE:	PCL5e/c, PCL6 (XL v.3.0) Emulation, PS3 (v.3016) Emulation, XPS (XML Paper Specification)
FONTS:	PCL: 80 fonts, PostScript 3 Emulation: 137 fonts
PRINT DRIVERS:	PCL6: Windows 2000, Windows XP (Home/Professional), Windows Server 2003, Windows XP Professional x64, Windows Server 2003 x64, Windows NT 4.0, Windows Vista (x32, x64), PS3: Windows 2000, Windows XP (Home/Professional), Windows Server 2003, Windows XP Professional x64, Windows Server 2003 x64, Windows Vista (x32, x64), XPS: Windows Vista (x32, x64), Mac OS 9.2 (PPD file), Mac OS X 10.2, 10.3, 10.4, Intel-based 10.4 (print driver)
INTERFACE:	10 BASE-T/100 BASE-TX/1000 BASE-T, USB 1.1, USB 2.0
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)

Fiery IC-409 Embedded Image Controller (optional):

PROCESSOR:	Intel Celeron 2.8 GHz FSB 533 MHz
OPERATING SYSTEM:	Linux
MEMORY/HARD DISK DRIVE:	512 MB (standard/max)/80 GB HDD
PAGE DESCRIPTION LANGUAGE:	PCL6, Adobe PostScript 3 (version 3017)
FONTS:	PCL: 80 fonts, Adobe PS3: 136 fonts
PRINT DRIVERS:	PCL6: Windows 2000, Windows XP, Windows Server 2003, Windows Vista (x32, x64)* PS3: Windows 2000, Windows XP, Windows Server 2003, Windows XP Professional x64*, Windows Server 2003 x64, Windows Vista (x32, x64)*, Mac OS X 10.3.9, 10.4, Intel-based 10.4 (PPD), Unix/Linux
INTERFACE:	10 BASE-T/100 BASE-TX/1000 BASE-T, RJ45
PROTOCOLS:	TCP/IP, IPX/SPX, AppleTalk (EtherTalk), LPR, SMB, NDPS Gateway on Netware 5.0 or later, IPP, LDAP, SSL/TLS, SNMP, HTTP/HTTPS, IPv6
OPTIONAL SOFTWARE:	EFI Color Profiler Suite, ED-100 Densitometer, EFI Secure Erase, Hot Folders, Auto Trap, EFI Impose

* Spring 2008 Availability



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**This setting must be changed by an authorized Konica Minolta Service Technician.
Design and specifications are subject to change without notice.

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