



KONICA MINOLTA



bizhub C451

CONNECT_

COMMUNICATE_

CONTROL_



bizhub C451

GENERAL SPECIFICATIONS:

TYPE:

Full-Color Printer/Copier/Scanner w/ Stationary Platen

PRINT/COPY PROCESS:

Tandem Process

TONER TYPE:

Simitri® HD Color Polymerized Toner

MONTHLY DUTY CYCLE:

150,000

PRINT/COPY SPEED:

Full Color: 45 ppm (letter, portrait)
B&W: 45 ppm (letter, portrait)

SCAN SPEED:

Up to 70 opm

PRINT/COPY RESOLUTION:

1800 dpi (equivalent) x 600 dpi

GRADATION:

256 color 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:

1st & 2nd Tray: 12" x 18" to 8.5" x 11",
12.25" x 18", 8" x 13"
3rd & 4th Tray: 8.5" x 11", 5.5" x 8.5",
4" x 6"
Bypass Tray: 12" x 18" to 5.5" x 8.5",
12.25" x 18", 4" x 6", 8" x 13"

*This setting must be changed by an authorized Konica Minolta Service Technician.

WARM-UP TIME:

Less than 30 seconds

FIRST COPY:

Full color: less than 6.5 seconds (letter)
B&W: Less than 4.8 seconds (letter)

COPY QUANTITY:

1 – 9,999

PAPER SUPPLY:

500-sheet multi-purpose cassette
(17 lb. bond to 140 lb. index (256 gsm))
500-sheet universal cassette
(17 lb. bond to 140 lb. index (256 gsm))
1,500 sheet letter-size cassette
(17 lb. bond to 140 lb. index (256 gsm))
1,000 sheet letter-size cassette
(17 lb. bond to 140 lb. index (256 gsm))
150-sheet bypass
(17 lb. bond to 100 lb. cover (300 gsm))

MAGNIFICATION:

Zoom range: 25% – 400%,
0.1% increments
Preset reduction: 79%, 73%, 65%, 50%
Preset enlargement: 121%, 129%,
155%, 200%

COLOR MODES:

Auto Color Mode
Full Color Mode
Black & White Mode
2-Color Mode
Single Color Mode

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 originals)
Copied Paper

MAXIMUM PAPER CAPACITY:

6,650 sheets (total, with options)

Available Print/Copy Functions

Account Track (1,000 accounts)
APS/AMS
Auto Duplex
Auto Reset
Auto Tray Switching
Bi-Directional Communication
(Device Option Setting)
Box Function
(Store Copy Jobs, Print Jobs,
Scans, Fax Data, Print Stored Data,
Route Scanned Data)
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-one, Book, Booklet, Booklet + Bind)
Cover Mode
Creative Functions
(Mirror Image, XY Zoom, Image
Center, Base-Color, Neg./Pos.
Reverse, Image Repeat)
Criss-Cross Sorting
Distribution No. 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
Setting, Image Smoothing ON/OFF)
Image Density Adjustment
(Density, Background Removal)

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 Size Selection (APS, Manual)
Paper Type Selection
(Normal, Thick 1/1+, Thick 2,
Thick 3, Thick 4)
Proof Copy
Secure Printing
Separate Scan
Sleep Mode
Text Enhancement
User Authentication
(Synchronize w/ Account Track)
Utility (Meter Count, Environment Setting,
Default Setting, OneTouch Setting,
Check Consumable Life, Admin. Mode)
Watermarks
Zoom Selection
(AMS, Fixed Zoom Ratio,
User Programmable Zoom
Ratio, Manual)

Available Scan Functions*

Scan-to-Email
Scan-to-FTP
Scan-to-SMB (Scan-to-Desktop)
Scan-to-HDD (Scan-to-User Box)
Network TWAIN

Available Fax Functions*

Autodialing (2,000 one-touch keys)
Auto Memory Reception
Auto Reduction Printing
Border Erase Transmission
Broadcasting
(maximum 600 locations)
Bulletin Board
Density Adjustment
Duplex Transmission/Reception

(continued)

Available Fax Functions* (cont.)

Exposure Mode
(Text, Text/Photo, Photo, Dot Matrix)
Group Dialing
(up to 500 one-touches per group)
Image Rotation Transmission/Reception
Mailbox (Private) Transmission/Reception
Memory/Quick Dial
Mixed Originals Transmission
Original Size Designation
Overseas Transmission
Password Transmission/Reception
PC Fax
Polling Transmission/Reception
Priority Transmission
Print Setting for Overnight Reception
Program Dialing (400 programs)
Redial
Relay Broadcasting
Relay Transmission
Remote Reception
Timer Transmission

FAXING (with fax option):

Super G3 compatibility;
JBIG data compression
33.6 Kbps modem speed
F-Code Support

FAX TRANSMISSION SPEED:

Approximately 3 seconds/page

FAX EXPOSURE MODES:

Text, Text/Photo, Photo, Dot Matrix

Emperon™ Print System

PROCESSOR:

867MHz

RAM:

1024 MB (shared scan
and copier memory)

HARD DISK DRIVE:

60 GB (shared scan and copier HDD)

PAGE DESCRIPTION LANGUAGE:

PCL 6 (XL version 3.0) Emulation
PS3 (Version 3015) Emulation

FONTS:

PCL Resident Fonts: 80 outline
PS3 Emulation Resident Fonts:
137 outline

PRINT DRIVERS:

PCL 6:
Windows 2000, Windows XP (Home/
Professional), Windows Server 2003,
Windows XP Professional x64,
Windows Server 2003 x64,
Windows NT 4.0, Windows Vista**

PS3:

Windows 2000, Windows XP (Home/
Professional), Window Server 2003,
Windows XP Professional x64,
Window Server 2003 x64,
Windows Vista**, Mac OS 9.2 (PPD),
Mac OS X 10.2, 10.3, and 10.4

TWAIN Driver:

Windows 2000/XP/XP 64-bit Edition

** Not Available at the time of launch.
Please see www.kmbs.konicaminolta.us
for release schedule.

STANDARD INTERFACES:

Ethernet 10/100/1000 BaseT,
Hi-Speed USB (2.0)

STANDARD DOCUMENT FEEDER:

DF-611 Automatic Document Feeder
Paper Capacity: 100 sheets
Paper Size: 5.5" x 8.5" to 11" x 17"
Paper Weight: Single-sided:
9.25. bond to 55.75 lb.
Double-sided: 13.25 lb. bond
to 34 lb. bond

POWER REQUIREMENTS:

120 V, 60 Hz

POWER CONSUMPTION:

Less than 1.92 KW

DIMENSIONS: (W x D x H):

25.5" x 30.5" (w/o control panel)/
36" (with control panel) x 45.25"
(standard configuration)

WEIGHT: 418.5 lbs.

OPTIONS:

AU-101 Biometric Authentication Unit
EK-602 Local Interface
(USB 2.0 Host, for AU-101 only)
FK-502 Fax Kit
FS-519 Staple Finisher
LU-301 Large Capacity Unit
ML-501 Fax Multi Line
MT-502 Mailbin Kit
OT-503 Output Tray
OT-602 Additional Output Tray
PK-510 Punch Kit Unit
SA-501 Scan Accelerator Kit
SC-503 HDD Encryption Kit
SD-505 Saddle Stitcher
SP-501 Stamp Unit (For DF-611)
Spare TX Marker
WT-502 Working Table

PROTOCOLS:

TCP/IP
IPX/SPX
AppleTalk (EtherTalk)
LPR
SMB
LPD
Netware (4.x, 5, 6)
Pserver
N Printer
NDPS
IPP 1.1
SMTP
POP3
LDAP
SSL
SNMP
HTTP

Applications

NETWORK DEVICE MANAGEMENT:

PageScope NetCare
PageScope NDPS Gateway
PageScope EMS Plug-Ins
PageScope Network Setup
PageScope Data Administrator
Driver Packaging Utility
HDD Backup Utility
Log Management Utility*
PageScope Web Connection
Plug-In for WebJet Admin*

USER TOOLS:

PageScope Direct Print
PageScope Box Operator
PageScope Print Status Notifier
Font Management Utility
Copy Protection Utility
Print Utility for Unix*

MANAGEMENT TOOLS:

bizhub Vcare capable

OPTIONAL SOFTWARE

PageScope Workware



KONICA MINOLTA

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* Some functions may require options, which may or may not be available at time of