KONICA MINOLTA

Giving Shape to Ideas

2014 BLI BUYERS LAB LINE OF THE YEAR



- 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® HD 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
- Advanced authentication, secure print release, remote firmware updates
- Finishing options for 80-page booklet-making
- 50-Sheet stapling, 2/3-hole punch, tri-fold and tab printing support
- Downloadable apps to help you work faster and smarter
- i-Options to add functions for working more efficiently
- EPEAT Gold-certified, low power consumption to cut costs
- Mobile printing support (AirPrint, Google Cloud Print, NFC)

bizhub C454e

COLOR MID-VOLUME MULTIFUNCTION PRINTER

mfp



mfp



bizhub C454e

COLOR MID-VOLUME MULTIFUNCTION PRINTER

bizhub C454e

If your workload is growing, the bizhub C454e is the MFP solution you've been searching for – with 45 ppm print/copy output in superior Simitri HD color or cost-effective B&W, plus standard dual scanning at up to 160 opm, 6,650-sheet maximum paper capacity and enhanced touch-and-swipe operation.

System Overview

System memory	2,048 MB
System hard disk	250 GB
Interface	10-BASE-T/100-BASE-TX/1,000-BASE-T Ethernet, USB 2.0
Network protocols	TCP/IP (IPv4 / IPv6), SMB, LPD, IPP, SNMP, HTTP, HTTPS
Frame types	Ethernet 802.2, Ethernet 802.3, Ethernet II, Ethernet SNAP
Dual scan document feeder	Up to 100 originals / 5.5" x 8.5" to 11" x 17" / 35-163 gsm
Printable paper size	**Scanning/Copying:** up to 11" x 17" **Printing:** up to 11" x 17" full bleed on 12" x 18" paper Custom paper sizes Banner paper max: 11.75" x 47.25"
Printable paper weight	52-300 gsm
Paper input capacity	**Standard:** 1,150 sheets / **Max.:** 6,650 sheets
Tray 1	500 sheets / 5.5" x 8.5" to 11" x 17" / 52-256 gsm
Tray 2	500 sheets / 5.5" x 8.5" to 12" x 18" / 52-256 gsm
Tray 3 (optional)	500 sheets / 5.5" x 8.5" to 11" x 17" / 52-256 gsm
Tray 4 (optional)	2 x 500 sheets / 5.5" x 8.5" to 11" x 17" / 52-256 gsm
Large capacity tray PC-410 (optional)	2,500 sheets / 8.5" x 11" / 52-256 gsm
Large capacity tray LU-301 (optional)	3,000 sheets / 8.5" x 11" / 52-256 gsm
Large capacity tray LU-204 (optional)	2,500 sheets / 8.5" x 11" to 12" x 18" / 52-256 gsm
Manual bypass	150 sheets / 4" x 6" to 12" x 18" / custom paper sizes / 50-300 gsm
Automatic duplexing	5.5" x 8.5" to 12" x 18" / 52-256 gsm
Finishing modes	Offset, group, sort, punch, half-fold, tri-fold, booklet
Output capacity	**Max. with finisher:** 3,300 sheets **Max. without finisher:** 250 sheets
Stapling (optional)	**Max.:** 50 sheets or 48 sheets + 1 cover sheet (up to 209 gsm)
Stapling output capacity	**Max.:** 1000 sheets
Tri-fold	Up to 3 sheets
Tri-fold capacity	**Max.:** 30 sheets (tray)
Booklet	**Max.:** 20 sheets or 19 sheets + 1 cover sheet (up to 209 gsm)
Booklet output capacity	**Max.:** 100 sheets (tray)
Copy/print volume	**Max.:** 150,000 pages/month[1]
Toner lifetime	**Black:** 27,000 pages / **CMY:** 26,000 pages
Imaging unit lifetime	**Black:** 130,000 pages / 590,000 pages (Drum / Developer) **CMY:** 95,000 pages
Power consumption	120 V / 50/60 Hz, less than 1.92 kW (system)
System dimensions	24.2" x 27" x 36.3" (W x D x H)
System weight	Approx. 220.5 lb

Copier Specifications

Copying process	Electrostatic laser copy, tandem, indirect
Toner system	Simitri® HD Polymerized Toner
Print speed (8.5" x 11")	**B&W / Color:** up to 45 ppm (Portrait)
Print speed (11" x 17")	**B&W / Color:** up to 22 ppm (Portrait)
Autoduplex speed (8.5" x 11")	**B&W / Color:** up to 45 ppm (Portrait)
1st copy out time	**B&W:** 4.6 sec. / **Color:** 5.5 sec.
Warm-up time	Approx. 22 sec.[2]
Copy resolution	600 x 600 dpi
Gradations	256 gradations
Multi-copy	1-9,999
Original format	Up to 11" x 17"
Magnification	25-400% in 0.1% steps, auto zooming
Copy functions	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

Print resolution	1,800 x 600 dpi, 1,200 x 1,200 dpi
PDL	PCL6 (XL 3.0), PCL5c, PostScript 3 (ver. 3016), XPS
Operating systems	Windows (x32/x64): XP / Vista / 7 / 8 Windows Server (x32/x64): 2003 / 2008 / 2008 R2[3] / 2012[3] Macintosh OS X 10.2.8 or later UNIX / Linux / Citrix
Printer fonts	80 PCL Latin, 137 PostScript 3
Print functions	Direct Print of PCL, PS, TIFF, XPS, PDF, encrypted PDF files and OOXML (DOCX, XLSX, PPTX), mixmedia and mixplex, "Easy Set" job programming, overlay, watermark, copy protection, carbon copy print

Printer Specifications (Optional)

Print controller	Embedded Fiery IC-414
Memory/HDD	2 GB / 160 GB
PDL	PostScript 3 (ver. 3019) PCL 6/5c
Operating systems	Windows (x32/x64): XP / Vista / 7 / 8 Windows Server (x32/x64): 2003 / 2008 / 2008 R2[3] / 2012[3] Macintosh OS X 10.2.8 or later

Scanner Specifications

Scan speed	**B&W / Color:** up to 160 ipm
Scan resolution	**Max.:** 600 x 600 dpi
Scan modes	Scan-to-Email, Scan-to-SMB, Scan-to-FTP, Scan-to-Box, Scan-to-USB, Scan-to-WebDAV, Scan-to-DPWS, Network TWAIN scan
File formats	JPEG, TIFF, PDF, PDF/A 1a and 1b (optional), compact PDF, encrypted PDF and searchable PDF (optional), XPS, compact XPS, PPTX and searchable PPTX (optional), searchable DOCX/XLSX (optional)
Scan destinations	2,100 (shared with fax), LDAP support
Scan functions	Annotation (text/time/date) for PDF, up to 400 job programs, realtime scan preview

Fax Specifications

Fax	Super G3 (optional)
Transmission	Analog, i-Fax, Color i-Fax, IP-fax
Resolution	**Max.:** 600 x 600 dpi (ultra-fine)
Compression	MH, MR, MMR, JBIG
Modem	Up to 33.6 Kbps
Destinations	2,100 (single + group)
Functions	Polling, time shift, PC-fax, receipt to confidential box, receipt to Email/FTP/SMB, up to 400 job programs

User Box Specifications

Storable documents	**Max.:** 3,000 documents or 10,000 pages
Type of user boxes	Public Personal (with password or authentication) Group (with authentication)
Type of system boxes	Secure print, encrypted PDF, fax receipt, fax polling, annotation
User box functionality	Reprint, combination, download, sending (Email/FTP/SMB and fax), copy box-to-box

System Features

Security	ISO 15408 EAL IEEE 2600.1 IP filtering and port blocking SSL2, SSL3 and TSL1.0 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 128) Memory data auto deletion Confidential fax receipt, Print user data encryption Copy protection (Copy Guard, Password Copy) optional
Accounting	Up to 1,000 user accounts Active Directory support (user name + password + Email + SMB folder) User function access definition Optional Biometric authentication (finger vein scanner) Optional ID card authentication (ID card reader)
Software	PageScope Net Care Device Manager PageScope Data Administrator PageScope Box Operator PageScope Direct Print Print Status Notifier Driver Packaging Utility Log Management Utility

[1] Maximum monthly duty cycle describes the maximum number of pages a device can output on a monthly basis. This specification is a guideline intended to offer a comparison of durability as it relates to the entire Konica Minolta MFP and printer product line so that the appropriate device can be placed in order to meet customer needs

[2] Warm-up time may vary depending on the operating environment and usage

[3] Supports x64 only

Components and Options

AU-102 Biometric authentication	Finger vein scanner
EK-606 USB I/F kit	USB keyboard connection
EK-607 USB I/F kit	USB keyboard connection, Bluetooth
DK-510 Copier desk	Provides storage space for print media and other materials
FK-508 Fax board	Super G3 fax, digital fax functionality, lines 3 & 4 support
FK-511 Fax board	Super G3 fax, digital fax functionality
FS-533 Staple finisher	50-sheet stapling, 500 sheets max. output
FS-534 Staple finisher	50-sheet stapling, 3,300 sheets max. output
FS-534 + SD-511 Booklet finisher	50-sheet staple finisher, 20-sheet booklet finisher, 3,300 sheets max. output
IC-414 Fiery controller	Professional color print controller
ID card reader	Various ID card technologies
JS-506 Job separator	Separation for fax output, etc.
KH-102 Keyboard holder	To place USB keyboard
KP-101 10-Key pad	For use instead of touchscreen
LK-101 v3 Web browser	Web browser
LK-102 v3 PDF enhancements	PDF/A, PDF encryption, digital signature
LK-104 v3 Voice guidance	Provides voice guidance functions
LK-105 v3 OCR text recognition	Searchable PDF
LK-106 Barcode fonts	Supports native barcode printing
LK-107 Unicode fonts	Supports native Unicode printing
LK-108 OCR A and B fonts	Supports native OCR A and B font printing
LK-110 Enhanced image support	Generates various file formats incl. DOCX, XLSX and combines LK-102 (encrypted PDF) + LK-105 (searchable PDF/OCR functionality)
LK-111 ThinPrint® Client	Print data compression for reduced network impact
LU-204 Large capacity tray	8.5" x 11" to 12" x 18", 2,500 sheets, 52-256 gsm
LU-301 Large capacity tray	8.5" x 11", 3,000 sheets, 52-256 gsm
MK-728 Mount kit	Installation kit for FK-508 fax board
MK-735 Mount kit	Installation kit for ID card reader
OT-506 Output tray	Output tray used instead of finisher
PC-110 Universal tray (x1)	5.5" x 8.5" to 11" x 17", 500 sheets, 52-256 gsm
PC-210 Universal tray (x2)	5.5" x 8.5" to 11" x 17", 2 x 500 sheets, 52-256 gsm
PC-410 Large capacity tray	8.5" x 11", 2,500 sheets, 52-256 gsm
PK-519 Punch kit for FS-533	2/3-hole punching, autoswitching
PK-520 Punch kit for FS-534	2/3-hole punching, autoswitching
SC-508 Security kit	Copy Guard function (2x required)
UK-204 i-Option memory	Memory extension for i-Options
UK-208 Wireless LAN	Wireless LAN to network connector
VI-506 Interface kit for IC-414	Fiery controller interface card
WT-506 Working table	Authentication device placement

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