



# Specifications

## bizhub C554/C454 General Specifications

		bizhub C554	bizhub C454
<b>Type</b>	Console Full Colour Printer/Copier/Scanner		
<b>Colour Support</b>	Full Colour		
<b>Resolution</b>	<b>Scan</b>	Main: 600dpi x Sub: 600dpi	
	<b>Print</b>	Copy: Main: 600 dpi x Sub: 600 dpi / Print: Main: 1,200 dpi x Sub: 1,200 dpi	
<b>Memory Capacity (Std./Max.)</b>	2GB/4GB		
<b>HDD</b>	250GB		
<b>Gradation</b>	256		
<b>Original Type</b>	Sheets, Books, Objects		
<b>Max. Original Size</b>	A3 (11" x 17")		
<b>Output Size</b>	SRA3 to A5, B6 Lengthwise, A6 Lengthwise Thick paper, Foolscap* (8-1/2" x 13-1/2" 200 mm x 330 mm, 8-1/8" x 13-1/4", 8-1/2" x 13", 8-1/4" x 13", 8" x 13), 8K, 16K, Long Length Paper (210 x 457.3 mm to 297 x 1,200 mm) * Set by Customer engineer		
<b>Image Loss</b>	Max. 4.2mm or less for top edge (5 mm for thin paper), Max. 3.0mm or less for bottom edge, Max. 3.0mm or less for right/left edges *A loss of 4.2 mm each during printing.		
<b>Warm-Up Time</b>	*Warm-up time may vary depending on the operating environment and usage *The time required to start printing when both the main power and sub-power switches are turned from OFF to ON. (23°C, std. voltage)		
	Colour: 22 sec. or less	Colour: 25 sec. or less	
	B/W: 22 sec. or less	B/W: 25 sec. or less	
	Colour: 22 sec. or less	Colour: 25 sec. or less	
	B/W: 22 sec. or less	B/W: 25 sec. or less	
<b>First Copy Out Time</b>	*A4/Letter crosswise, full size, using the first tray, scanning from the original glass surface.		
	Colour: 4.6 sec. or less	Colour: 5.5 sec. or less	
	B/W: 4.1 sec. or less	B/W: 4.6 sec. or less	
<b>Copy Speed (A4/Letter Crosswise)</b>	Colour/B&W: 55 ppm	Colour/B&W: 45 ppm	
<b>Copy Magnification</b>	Fixed Same Magnification	1: 1±0.5% or less	
	Scaling Up	1: 1.154/1.224/1.414/2.000	
	Scaling Down	1: 0.866/0.816/0.707/0.500	
	Presets	3 types	
	Zoom	25 to 400% (in 0.1% increments)	
	Lengthwise Crosswise Individual Settings	25 to 400% (in 0.1% increments)	
<b>Paper Capacity (80g/m<sup>2</sup>)</b>	Tray 1	50 sheets (up to A3)	
	Tray 2	500 sheets (up to SRA3)	
	Multiple Bypass Tray	150 sheets (up to SRA3)	
<b>Max. Paper Capacity (80g/m<sup>2</sup>)</b>	6,650 sheets		
<b>Paper Weight</b>	Tray 1 / 2	52 to 256 g/m <sup>2</sup>	
	Multiple Bypass Tray	60 to 300 g/m <sup>2</sup>	
<b>Multiple Copy</b>	1 to 9,999 sheets		
<b>Auto Duplex</b>	Type	Non-Stack	
	Paper Size	Width: 100 to 320 mm, Length: 148 to 457.2 mm	
	Paper Weight	52 to 256 g/m <sup>2</sup>	
<b>Power Requirements</b>	AC220 to 240 V 9 A (50 to 60 Hz)		
<b>Max. Power Consumption</b>	2.0 kW or less		
<b>Dimensions [W] x [D] x [H]</b>	615 x 685 x 921 mm (24-1/4" x 27-1/2" x 36-1/4")		
<b>Weight</b>	Approx. 101 kg (222-3/4 lb)		
<b>Space Requirements<sup>*)</sup> [W] x [D]</b>	937 x 1,246 mm (37" x 49")		

\* Without options, with paper trays pulled out, and multiple bypass tray, auxiliary tray and ADF opened.

## Printer Specifications (Standard)

<b>Type</b>	Embedded		
<b>CPU</b>	MPC8536 1.2 GHz		
<b>Memory</b>	Shared with the copier		
<b>HDD</b>	250 GB (Shared with the copier)		
<b>Print Speed</b>	Same as Copy Speed (when using the same original)		
<b>Print Resolution</b>	1,200 x 1,200 dpi		
<b>PDL</b>	PCL5e/c, PCL6 (Ver. 3.0), XPS Ver. 1.0		
<b>Protocol</b>	TCP/IP, IPX/SPX (NDISsupport), SMB (NetBEUI), LPD, IPP1.1, SNMP, HTTP		
<b>Support OS</b>	Windows 2000 / XP / XP 64bit / Vista / Vista 64bit / 7 / 7 64bit / Server 2003 / Server 2003 64bit / Server 2003 R2 / Server 2003 R2 64bit / Server 2008 / Server 2008 64bit / Mac OS 9.2 / Mac OS X 10.2/10.3/10.4 (Power PC) / Mac OS X 10.5 (Power PC/Intel) / Mac OS X 10.6/10.7 (Intel) / Linux		
<b>Fonts</b>	<b>PCL</b>	4 Japanese fonts (HG Mincho L/H/G P Mincho L/H/G Gothic B/H/GP Gothic B), 80 Roman fonts	
	<b>PS</b>	2 Japanese fonts (HG mincho L/H/G Gothic B), 137 Roman Type1 fonts	
<b>Interface</b>	Ethernet (10BASE-T/100BASE-TX/1000BASE-T), USB 1.1, USB 2.0, USB Host		

## Scanning Specifications (Standard)

<b>Type</b>	Full-Colour Scanner		
<b>Interface</b>	Ethernet (10BASE-T/100BASE-TX/1000BASE-T)		
<b>Driver</b>	TWAIN Driver, HDD TWAIN Driver		
<b>Protocol</b>	TCP/IP (FTP, SMB, SMTP)		
<b>Scanning Speed</b>	Colour/B&W: 80 opm (300dpi, A4/Letter Crosswise) Colour/B&W: 160 opm – DF-701(300dpi, A4/Letter Crosswise)		
<b>Scanning Size</b>	Max. A3 (11" x 17")		
<b>Output Format</b>	TIFF, JPEG, PDF, Compact PDF, XPS, Compact XPS, PPTx, Searchable PDF, PDF/A, Linearised PDF		
<b>Scanning Resolution</b>	<b>Push</b>	200dpi / 300dpi / 400dpi / 600dpi	
	<b>Pull</b>	100dpi / 200dpi / 300dpi / 400dpi / 600dpi	
<b>Main Functions</b>	Scan to E-Mail, Scan to FTP, Scan to BOX (HDD), Scan to PC (SMB), Network TWAIN, Scan to WebDAV, Scan to Me, Scan to Home, Scan to USB, Scan to Scan Server, Scan to Web Service (WSD-Scan), Device Profile for Web Services (DPWS)		
<b>Other Functions</b>	Multi-Method Send, Authentication at the time of E-Mail send (SMTP authentication, POP before SMTP), S/MIME, Annotation		

## Internet Fax (Standard)

<b>Protocol</b>	SMTP, POP		
<b>Connection Mode</b>	Full-Mode		
<b>Sending Paper Size</b>	A3, B4, A4		
<b>Recording Paper Size</b>	Max. A3		
<b>Resolution</b>	200 x 100 dpi, 200 x 200 dpi, 400 x 400 dpi, 600 x 600 dpi		
<b>Interface</b>	Ethernet (10BASE-T/100BASE-TX/1000BASE-T)		
<b>Colour</b>	Support Colour Internet Fax		
<b>Format</b>	Send: TIFF-F, Receive: TIFF-F, Colour/Grey Scale: TIFF (RFC3949 Profile-C)		

## Reverse Automatic Document Feeder DF-624 / DF-701 (Standard)

<b>Applicable</b>	DF-624	DF-701
<b>Type</b>	Circulatory duplex system	
<b>Support Paper Size</b>	A3 to A6 Lengthwise, 11" x 17" to 5-1/2" x 8-1/2", Foolscap (8-1/2" x 13-1/2", 200 mm x 330 mm, 8-1/8" x 13-1/4", 8-1/2" x 13", 8-1/4" x 13", 8" x 13), 8K, 16K	
<b>Mixed Size</b>	Support	
<b>Original Set</b>	Centre guide	
<b>Resolution</b>	600 dpi support	
<b>Support Paper Weight</b>	Simplex: 35 to 128 g/m <sup>2</sup> Duplex/Mixed Original: 50 to 128 g/m <sup>2</sup> FAX Mode: 35 to 128 g/m <sup>2</sup> (Simplex), 50 to 128 g/m <sup>2</sup> (Duplex)	Simplex: 35 to 163 g/m <sup>2</sup> Duplex: 50 to 163 g/m <sup>2</sup> Mixed Original: 50 to 128 g/m <sup>2</sup> FAX Mode: 35 to 163 g/m <sup>2</sup> (Simplex), 50 to 163 g/m <sup>2</sup> (Duplex)
<b>Paper Capacity</b>	<b>Productivity (A4/Letter Crosswise)</b>	Max. 100 sheets (80 g/m <sup>2</sup> ) Copy: Colour/B&W: 55 opm (600 dpi) Scan: Colour/B&W: 80 opm (300 dpi)
	<b>Simplex</b>	Copy: Colour/B&W: 26 opm (600 dpi) Scan: Colour/B&W: 37 opm (300 dpi)
	<b>Duplex</b>	Copy: Colour/B&W: 110 opm (600 dpi) Scan: Colour/B&W: 160 opm (300 dpi)
Supplied from the MFP main body		
<b>Power Requirements</b>	60 W or less	
<b>Max. Power Consumption</b>	611.2 x 503.6 x 130 mm (24" x 19-3/4" x 5")	
<b>Dimensions [W] x [D] x [H]</b>	Approx. 9 kg (19-3/4 lb)	
<b>Weight</b>	Approx. 12 kg (26-1/2 lb)	

## Fax Kit FK-511 (Optional)

<b>Communication</b>	Super G3
<b>Compatible Lines</b>	Public Switch Telephone Network, Private Branch Exchange, Fax Communication Line
<b>Line Density</b>	G3 (8 dot/mm x 3.85 line/mm, 600 x 600 dpi)
<b>Modem Speed</b>	2.4 to 33.6 kbps
<b>Compression</b>	MH/MR/MMR/JBIG
<b>Sending Paper Size</b>	Max. A3 (Long Length Support: Max. 1,000 mm)
<b>Recording Paper Size</b>	Max. A3 (Long Length Max. 1,000 mm — following the page division —)
<b>Transmission Speed</b>	Less than 3 sec. (A4, V.34, 33.6 kbps, JBIG)
<b>Scanning Speed</b>	55 opm (A4/Letter, 600 dpi)
<b>Memory</b>	Shared with the copier
<b>Number of Abbr. Dials</b>	2,000
<b>Number of Program Dials</b>	400
<b>Number of Group Dials</b>	100
<b>Sequential Multiple Station Transmission</b>	Max. 600

## IP Address Fax (FK-511 required)

<b>Protocol Transmission</b>	SMTP
<b>Sending Paper Size</b>	A3, B4, A4
<b>Resolution</b>	200 x 200 dpi, 400 x 400 dpi, 600 x 600 dpi
<b>Format</b>	Send: TIFF-F, Receive: TIFF-F, Colour/Grey Scale: TIFF (RFC3949 Profile-C)

## Fiery Image Controller IC-414 (Optional) \* Optional Video Interface Kit VI-506 is required.

<b>Type</b>	Embedded Fiery E100
<b>CPU</b>	Intel Pentium E5300 2.60 GHz
<b>Memory</b>	2 GB
<b>HDD</b>	160 GB
<b>Print Speed</b>	Same as Copy Speed (when using the same original)
<b>Print Resolution</b>	600 dpi, 1,200 dpi
<b>PDL</b>	Adobe PostScript3 version3019, PCL6/PCL5 (for overseas only)
<b>Protocol</b>	Ethernet (Apple Talk, TCP/IP), HTTP/HTTPS, SSL/TLS for HTTPS, SMB, Port9100 (Bi-Directional), IPP, LDAP, IPv6, SNMP v3
<b>Support OS</b>	Windows XP / Server 2003 / Vista / Server 2008 / Server 2008 R2 64bit / 7 Mac OS X 10.4.11, 10.5.x, 10.6.x
<b>Fonts</b>	Adobe PS 138 Roman fonts, Agfa PCL 80 Roman fonts and 1 bitmap font, 2 Japanese fonts (Morisawa) (for JPN only), Additional PCL 35 fonts, Euro Currency Resident Font
<b>Interface</b>	Ethernet (10BASE-T/100BASE-TX/1000BASE-T), USB

## Finisher FS-533 (Optional)

<b>Type</b>	Finisher	
<b>Support Paper Type</b>	Thin paper/Plain paper (52 to 90 g/m <sup>2</sup> ), Thick paper (91 to 300 g/m <sup>2</sup> ), Transparency, Envelope, Label sheet, Letterhead paper, Long length paper, Tabpaper	
<b>Support Paper Size</b>	SRA3 to A5, B6 Lengthwise, A6 Lengthwise Thick paper, Foolscap* (8-1/2" x 13-1/2", 200 mm x 330 mm, 8-1/8" x 13-1/4", 8-1/2" x 13", 8-1/4" x 13", 8" x 13), 8K, 16K, Long Length Paper (210 x 457.3 mm to 297 x 1,200 mm) * Set by Customer engineer	
<b>Mode</b>	Sort, Group, Offset Sort, Offset Group, Staple	
<b>Stacking Capacity</b>	500 sheets (52 to 90 g/m <sup>2</sup> , A4 Lengthwise or smaller) 250 sheets (52 to 90 g/m <sup>2</sup> , B4 or larger) 10 sheets (91 to 300 g/m <sup>2</sup> , special paper)	
<b>Staple Capacity</b>	50 sheets (52 to 90 g/m <sup>2</sup> , A4 Lengthwise or smaller) 30 sheets (52 to 90 g/m <sup>2</sup> , B4 or larger) 2 sheets (91 to 209 g/m <sup>2</sup> , as cover pages)	
<b>Power Requirements</b>	Supplied from the MFP main body	
<b>Max. Power Consumption</b>	40 W or less	
<b>Dimensions [W] x [D] x [H]</b>	472.5 x 583.5 x 194.7 mm (18-1/2" x 23" x 7-3/4")	
<b>Weight</b>	Approx. 12 kg (26-1/2 lb)	

## Authentication Unit (IC Card type) AU-201 (Optional)

<b>Applicable Card</b>	ISO 14443 TypeA, FelICa-based noncontact IC card
<b>Interface</b>	USB 1.1 or later
<b>Power Supply</b>	Power received from USB port
<b>Dimensions [W] x [D] x [H]</b>	92 x 64 x 16 mm (3-3/4" x 2-1/2" x 3/4")
<b>Weight</b>	Approx. 120 g (264-1/2 lb)

## Authentication Unit (Biometric type) AU-102 (Optional)

<b>Biometric Sensor System</b>	Transmission-type optical system
<b>Interface</b>	USB 2.0
<b>Verification Time</b>	Approx. 1 sec. or less
<b>Max. Power Consumption</b>	DC 5 V 500 mA
<b>Dimensions [W] x [D] x [H]</b>	59 x 82 x 74 mm (2-1/4" x 3-1/4" x 3")
<b>Weight</b>	Approx. 96 g (211-3/4 lb) (excluding USB cable)

# Specifications

## Finisher FS-534 (Optional)

<b>Type</b>	Finisher	
<b>Support Paper Type</b>	Thin paper/Plain paper (52 to 90 g/m <sup>2</sup> ), Thick paper (91 to 300 g/m <sup>2</sup> ), Transparency, Envelope, Label sheet, Letterhead paper, Long length paper, Tab paper	
<b>Support Paper Size</b>	SRA3 to A5, B6 Lengthwise, A6 Lengthwise Thick paper, Foolscap* (8-1/2" x 13-1/2", 200 mm x 330 mm, 8-1/8" x 13-1/4", 8-1/2" x 13", 8-1/4" x 13", 8" x 13), 8K, 16K, Long Length Paper (210 x 457.3 mm to 297 x 1,200 mm) * Set by Customer engineer	
<b>Mode</b>	Sort, Group, Offset Sort, Offset Group, Staple	
<b>Stacking Capacity</b>	<b>Output tray 1 (Sub tray)</b>	200 sheets (52 to 90 g/m <sup>2</sup> ) 20 sheets (91 to 300 g/m <sup>2</sup> , special paper)
	<b>Output tray 2 (Main tray)</b>	3,000 sheets (52 to 90 g/m <sup>2</sup> , A4 Lengthwise or smaller, B5 or larger) *2,000 sheets when SD-511 is installed 1,500 sheets (52 to 90 g/m <sup>2</sup> , B4 or larger) 500 sheets (52 to 90 g/m <sup>2</sup> , A5 or smaller) 20 sheets (91 to 300 g/m <sup>2</sup> , special paper)
	<b>Output tray 3 (Relay Unit top surface)</b>	100 sheets (52 to 90 g/m <sup>2</sup> ) 20 sheets (91 to 300 g/m <sup>2</sup> , special paper)
<b>Staple Capacity</b>	50 sheets (Plain Paper 52 to 90 g/m <sup>2</sup> ) 48 sheets (Plain paper 52 to 90 g/m <sup>2</sup> ) + 2 sheets (Thick paper 91 to 209 g/m <sup>2</sup> ) 30 sheets (Thick paper 91 to 120 g/m <sup>2</sup> ) 15 sheets (Thick paper 121 to 209 g/m <sup>2</sup> )	
<b>Power Requirements</b>	Supplied from the MFP main body	
<b>Max. Power Consumption</b>	56 W or less	
<b>Dimensions [W] x [D] x [H]</b>	528 x 641 x 1,023 mm (20-3/4" x 25-1/4" x 40-1/4")	
<b>Weight</b>	Approx. 40 kg (88-1/4 lb)	

## Saddle Stitcher SD-511 (For FS-534) / SD-512 (For FS-535) (Optional)

<b>Applicable</b>	SD-511	SD-512
<b>Support Paper Type</b>	Center Staple: 52 to 90 g/m <sup>2</sup> Half-Fold: 52 to 209 g/m <sup>2</sup> (more than 91 g/m <sup>2</sup> Thick paper can be used only as a cover page)	
<b>Support Paper Size</b>	Tri-Fold: 52 to 90 g/m <sup>2</sup> Center Staple and Fold, Half-Fold: A3 Wide, A3, B4, A4 Lengthwise, 12-1/4" x 18", 11" x 17", 8-1/2" x 14", 8-1/2" x 11", 8K Tri-Fold: A4 Lengthwise, 8-1/2" x 11" Lengthwise, 16K Lengthwise	Center Staple and Fold, Half-Fold: A3 Wide, A3, B4, A4 Lengthwise, 12-1/4" x 18", 11" x 17", 8-1/2" x 14", 8-1/2" x 11", 8K Tri-Fold: A4 Lengthwise, 8-1/2" x 11" Lengthwise, 16K Lengthwise
<b>Maximum Number of Sheets that can be Centrestapled</b>	20 (52 to 90 g/m <sup>2</sup> ) sheets, or 19 (90 g/m <sup>2</sup> ) sheets + Thick (209 g/m <sup>2</sup> ) 1 sheet	
<b>Maximum Number of Folded Sheets</b>	Half-Fold: 5 sheets or Thick paper (91 to 209g/m <sup>2</sup> ) 1 sheet, Tri-Fold: 3 sheets	
<b>Stacking Capacity</b>	1 to 3 sheets: 20 sets, 4 to 10 sheets: 10 sets 11 to 20 sheets: 5 sets Tri-Fold (1 sheet): 30 sets, Tri-Fold (2-3 sheets): 10 sets	1 to 5 sheets: 35 sets 6 to 10 sheets: 25 sets (paper length: 330 mm or less), 30 sets (paper length: over 330 mm) 11 to 20 sheets: 15 sets Tri-Fold (1 sheet): 60 sets, Tri-Fold (2 sheets): 40 sets, Tri-Fold (3 sheets): 30 sets
<b>Power Requirements</b>	Supplied from Finisher FS-534	Supplied from Finisher FS-535
<b>Dimensions [W] x [D] x [H]</b>	210 x 556 x 547mm (8-1/2" x 21-3/4" x 21-1/2")	239 x 579 x 534mm (9-1/2" x 22-3/4" x 21")
<b>Weight</b>	Approx. 24 kg (53 lb)	Approx. 25.5 kg (56-1/4 lb)

## Punch Kit PK-519 (For FS-533) / PK-520 (For FS-534) / PK-521 (For FS-535) (Optional)

<b>Applicable</b>	PK-519	PK-520	PK-521
<b>Number of holes</b>	2 holes or 4 holes		
<b>Support Paper Type (Weight)</b>	Thin paper/Plain paper (52 to 90 g/m <sup>2</sup> ), Thick paper (91 to 157 g/m <sup>2</sup> )	Thin paper/Plain paper (52 to 90 g/m <sup>2</sup> ), Thick paper (91 to 300 g/m <sup>2</sup> )	
<b>Support Paper Size</b>	A3, B4, A4, B5, Foolscap* (8-1/2" x 13-1/2", 200 mm x 330 mm, 8-1/8" x 13-1/4", 8-1/2" x 13", 8-1/4" x 13", 8" x 13), 8K, 16K * Set by Customer engineer	A3, B4, A4, B5, Foolscap* (8-1/2" x 13-1/2", 200 mm x 330 mm, 8-1/8" x 13-1/4", 8-1/2" x 13", 8-1/4" x 13", 8" x 13), 8K, 16K * Set by Customer engineer	A3, B4, A4, B5 (Excluding 52 to 59 g/m <sup>2</sup> B5 Lengthwise), A6, Foolscap* (8-1/2" x 13-1/2", 200 mm x 330 mm, 8-1/8" x 13-1/4", 8-1/2" x 13", 8-1/4" x 13", 8" x 13), 8K, 16K * Set by Customer engineer
<b>Power Requirements</b>	Supplied from Finisher FS-533	Supplied from Finisher FS-534	Supplied from Finisher FS-535
<b>Max. Power Consumption</b>	17 W or less		
<b>Dimensions [W] x [D] x [H]</b>	110.2 x 483.5 x 203.2 mm (4-1/2" x 19" x 8")	61 x 492 x 142 mm (2-1/2" x 19-1/2" x 5-1/2")	146.2 x 639.2 x 233.8mm (5-3/4" x 25-1/4" x 9-1/4")
<b>Weight</b>	Approx. 3.2 kg (7 lb)	Approx. 2 kg (4-1/2 lb)	Approx. 4.5 kg (10 lb)

## Finisher FS-535 (For bizhub C554 Only)(Optional)

<b>Type</b>	Finisher	
<b>Support Paper Type</b>	Thin paper/Plain paper (52 to 90 g/m <sup>2</sup> ), Thick paper (91 to 300 g/m <sup>2</sup> ), Transparency, Envelope, Label sheet, Letterhead paper, Long length paper, Tab paper	
<b>Support Paper Size</b>	SRA3 to A5, B6 Lengthwise, A6 Lengthwise Thick paper, Foolscap* (8-1/2" x 13-1/2", 200 mm x 330 mm, 8-1/8" x 13-1/4", 8-1/2" x 13", 8-1/4" x 13", 8" x 13), 8K, 16K, Long Length Paper (210 x 457.3 mm to 297 x 1,200 mm) * Set by Customer engineer	
<b>Mode</b>	Sort, Group, Offset Sort, Offset Group, Staple	
<b>Stacking Capacity</b>	<b>Output tray 1 (Sub tray)</b>	200 sheets (60 to 90 g/m <sup>2</sup> ) 50 sheets (52 to 59 g/m <sup>2</sup> ) 20 sheets (91 to 300 g/m <sup>2</sup> , special paper)
	<b>Output tray 2 (Main tray)</b>	3,000 sheets (52 to 90 g/m <sup>2</sup> , A4 Lengthwise or smaller) *2,500 sheets when SD-512 is installed, 1,500 sheets (52 to 90 g/m <sup>2</sup> , B4 or larger) 500 sheets (52 to 90 g/m <sup>2</sup> , A5 Lengthwise or smaller) 100 sheets (91 to 300 g/m <sup>2</sup> )
<b>Staple Capacity</b>	Max. 100 sheets (52 to 90 g/m <sup>2</sup> )	
<b>Power Requirements</b>	Supplied from the MFP main body	