

Specifications of Konica Minolta Bh-454e

General Specifications

		bizhub 554e	bizhub 454e	bizhub 364e	bizhub 284e	bizhub 224e
Type		Desktop Printer / Copier / Scanner				
Copy Resolution	Scan	Main: 600dpi × Sub: 600dpi				
	Print	1,200 dpi (equivalent) × 1200 dpi				
Gradation		256				
Memory Capacity (Std./Max.)		2 GB/4 GB				
HDD		250 GB				
Original Type		Sheets, Books, Objects				
Max. Original Size		A3 (11" × 17")				
Output Size		SRA3 (12 in x 18 in) to A5, B6S ¹ , A6S ² ; Thick paper, Foolscap ³ (8-1/2" × 13-1/2", 200 mm × 330 mm, 8-1/8" × 13-1/4", 8-1/2" × 13", 8-1/4" × 13", 8" × 13"), 8K, 16K, Long Length Paper (210 × 457.3 mm to 297 × 1,200 mm)				
Image Loss		Max. 4.2 mm or less for top edge (5 mm for thin paper), Max. 3.0 mm or less for bottom edge, Max. 3.0 mm or less for right/left edges * A loss of 4.2 mm each during printing.				
Warm-Up Time ^{*3} (23°C, std. voltage) <small>*The time required to start printing when both the main power and sub-power switches are turned from OFF to ON.</small>		22 sec. or less	25 sec. or less	20 sec. or less		
<small>*The time required to start printing when the main power switch is ON and the sub-power switch is turned from OFF to ON.</small>		22 sec. or less	25 sec. or less	20 sec. or less	18 sec. or less	
First Copy Out Time ^{*4}		4.1 sec. or less	4.6 sec. or less	5.3 sec. or less	5.9 sec. or less	6.9 sec. or less
Copy Speed (A4 Crosswise)		55 ppm	45 ppm	36 ppm	28 ppm	22 ppm
Copy Magnification	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				
	Preset	3 types				
	Zoom	25 to 400% (in 0.1% increments)				
	Lengthwise Crosswise Individual Settings	25 to 400% (in 0.1% increments)				
Paper Capacity(80g/m ²)	Tray 1	500 sheets (up to A3)				
	Tray 2	500 sheets (up to SRA3)				
	Multiple Bypass Tray	150 sheets (up to SRA3)				
Max. Paper Capacity (80g/m ²) ^{*5}		6,650 sheets		3,650 sheets		
Paper Weight	Tray 1 / 2	52 to 256 g/m ²				
	Multiple Bypass Tray	60 to 300 g/m ²				
Multiple Copy		1 to 9,999 sheets				
Auto Duplex	Paper Size	Width: 100 to 320 mm, Length: 148 to 457.2 mm				
	Paper Weight	52 to 256 g/m ²				
Power Requirements		AC220 to 240 V 9 A (50 to 60 Hz)		AC220 to 240 V 8 A (50 to 60 Hz)		
Max. Power Consumption		2.0 kW or less		1.58 kW or less		
Dimensions [W] × [D] × [H]		615 × 685 × 921 mm (24-1/4" × 27-1/2" × 36-1/4")		615 × 685 × 779 mm (24-1/4" × 27-1/2" × 30-3/4")		
Weight		Approx. 93 kg (205-1/4 lb)		Approx. 76.5 kg (168-3/4 lb)		
Space Requirements [W] × [D] ^{*6}		937 × 1,246 mm (37" × 49")		937 × 1,214 mm (37" × 47-3/4")		

*1 S: Short edge feed

*2 Set by Customer engineer

*3 May vary depending on the operating environment and usage.

*4 A4 crosswise full size/using the first tray/scanning from the original glass surface.

*5 With options installed.

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

Print Specifications

Type	Embedded
CPU	SOC 800Mhz (DualCore)
Memory	Shared with the copier
Print Speed	Same as Copy Speed (when using the same original)
HDD	250 GB (Shared with the copier)

Print Resolution	1,800 dpi (equivalent) × 600 dpi (at smoothing) or 1,200 dpi × 1,200 dpi (in 1,200 dpi mode)	
PDL	PCL 5e/c Emulation, PCL 6 Emulation, PostScript 3 (3016) Emulation, XPS (Ver.1.0)	
Protocol	TCP/IP, IPX/SPX (NDSsupport), SMB (NetBEUI), LPD, IPP1.1, SNMP, HTTP	
Support OS	Windows / Vista / Vista 64bit / 7 / 7 64bit / 8 / 8 64bit / 8.1 / 8.1 64bit Windows Server 2003 / Server 2003 64bit / Server 2003 R2 / Server 2003 R2 64bit / Server 2008 / Server 2008 64bit / Server 2008 R2 / Server 2012 / Server 2012 R2 Mac OS 9.2 / X 10.2 / X 10.3 / X 10.4 / X 10.5 / X 10.6 / X 10.7 / X 10.8 / X 10.9 Linux	
Fonts	PCL	80 Roman fonts
	PS	137 Roman Type1 fonts
Interface	Ethernet (10BASE-T/100BASE-TX/1000BASE-T), USB 1.1, USB 2.0, USB Host	

Scanning Specifications

Type	Full-Colour Scanner	
Interface	Ethernet (10BASE-T/100BASE-TX/1000BASE-T)	
Driver	TWAIN Driver, HDD TWAIN Driver	
Protocol	TCP/IP (FTP, SMB, SMTP, WebDAV) (IPv4/IPv6)	
Scanning Speed (Colour/B&W) (300 dpi, A4 Crosswise)	Simplex	80 opm
	Duplex	160 opm
Scanning Size	Max. A3 (11" × 17")	
Output Format	TIFF, JPEG, PDF, Compact PDF, XPS, Compact XPS, OOXML (pptx, xlsx*, docx*), Searchable PDF*, PDF/A*, Linearised PDF* *Optional	
Scanning Resolution	Push	200dpi / 300dpi / 400dpi / 600dpi
	Pull	100dpi / 200dpi / 300dpi / 400dpi / 600dpi
Main Functions	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)	
Other Functions	Multi-Method Send, Authentication at the time of E-Mail send (SMTP authentication, POP before SMTP), S/MIME, Annotation	

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Internet Fax

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

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Dual Scan Document Feeder * bizhub 554e/454e(Standard)

Type	Single pass simultaneous duplex system	
Support Paper Size	A3 to A6S*, 11" × 17" to 5-1/2" × 8-1/2", Foolscap*: (8-1/2" × 13-1/2", 200 mm × 330 mm, 8-1/8" × 13-1/4", 8-1/2" × 13", 8-1/4" × 13", or 8" × 13"), 8K, 16K	
Mixed Size	Support	
Original Set	Centre guide	
Resolution	600 dpi support	
Support Paper Weight	Simplex: 35 to 163 g/m ² , Duplex: 50 to 163 g/m ² , Mixed Original: 50 to 128 g/m ² FAX Mode: 35 to 163 g/m ² (Simplex), 50 to 163 g/m ² (Duplex)	
Paper Capacity	Max. 100 sheets (80 g/m ²)	
Productivity (A4 Crosswise)	Simplex	Copy (Colour/B&W): 55 opm (600 dpi) Scan (Colour/B&W): 80 opm (300 dpi)
	Duplex	Copy (Colour/B&W): 110 opm (600 dpi) Scan (Colour/B&W): 160 opm (300 dpi)
Power Requirements	Supplied from the MFP main body	
Max. Power Consumption	74.5 W or less	
Dimensions [W] × [D] × [H]	611.2 × 503.6 × 130 mm (24" × 19-3/4" × 5")	

[H]	
Weight	Approx. 12 kg (26-1/2 lb)

*1 S: Short edge feed

*2 Set by Customer engineer