

**DEVELOP**

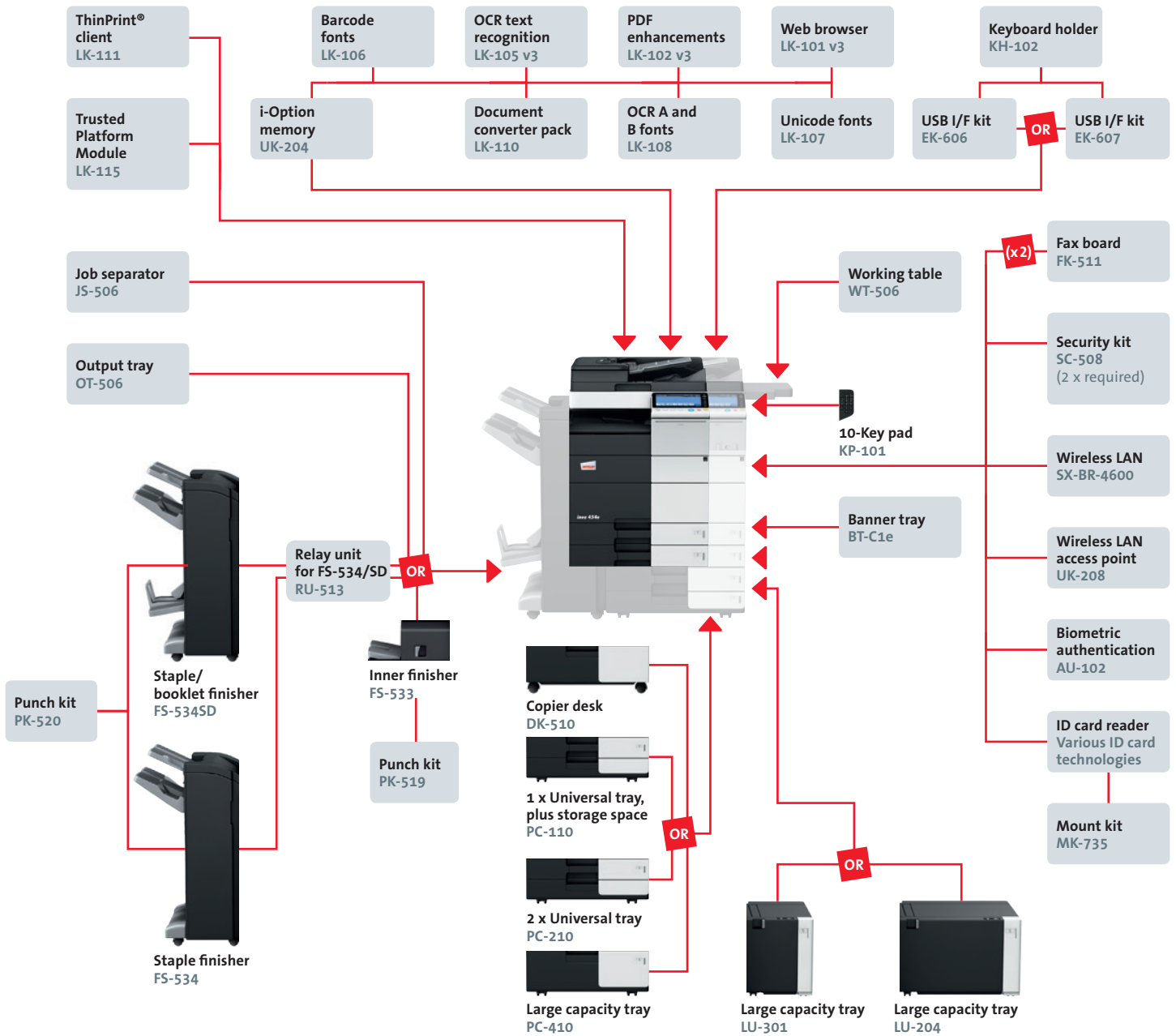
Dynamic balance

[www.develop.eu](http://www.develop.eu)

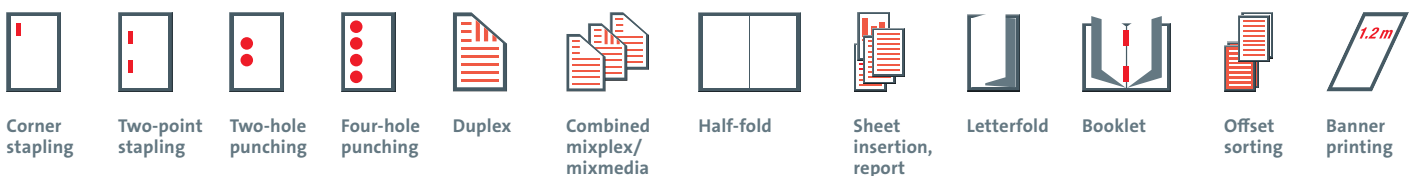


# ineo 454e

- > Black & white  
A3 multifunctional
- > Up to 45 ppm



Finishing functionalities



## ineo 454e

A3 multifunctional with 45 ppm b/w.  
Standard ineo controller with PCL 6, PCL 5, PostScript 3, PDF 1.7, XPS and OOXML support.  
Paper capacity of 500 + 500 sheets and 150-sheet manual bypass. Media from A6 to SRA3, 1.2 m banner and 52 – 300 g/m<sup>2</sup>. 2 GB memory, 250 GB hard disk and Gigabit Ethernet standard.

PC-110 1 x Universal tray	A5–A3, 500 sheets, 52–256 g/m <sup>2</sup>
PC-210 2 x Universal tray	A5–A3, 2 x 500 sheets, 52–256 g/m <sup>2</sup>
PC-410 Large capacity tray	A4, 2,500 sheets, 52–256 g/m <sup>2</sup>
LU-204 Large capacity tray	A4–SRA3, 2,500 sheets, 52–256 g/m <sup>2</sup>
LU-301 Large capacity tray	A4, 3,000 sheets, 52–256 g/m <sup>2</sup>
DK-510 Copier desk	Provides storage space for print media and other materials
FS-533 Inner finisher	50-sheet stapling, 500 sheets max. output
PK-519 Punch kit for FS-533	2/4 hole punching, autoswitching
FS-534 Staple finisher	50-sheet stapling, 3,300 sheets max. output
FS-534SD Booklet finisher	50-sheets staple finisher, 20-sheets booklet finisher,
PK-520 Punch kit for FS-534/SD	2/4 hole punching, autoswitching
RU-513 Relay unit for FS-534/SD	For FS-534/SD installation
JS-506 Job separator	Separation for fax output etc.
OT-506 Output tray	Output tray used instead of finisher
KP-101 10-Key pad	For use instead of touchscreen
WT-506 Working table	Authentication device placement

FK-511 Fax board	Super G3 fax, digital fax functionality
KH-102 Keyboard holder	To place USB keyboard
EK-606 USB I/F kit	USB keyboard connection
EK-607 USB I/F kit	USB keyboard connection, Bluetooth
ID card reader	Various ID card technologies
MK-735 Mount kit	Installation kit for ID card reader
AU-102	Finger vein scanner
Biometric authentication	
SC-508 Security kit	Copy guard function
BT-C1e Banner tray	Multipage banner
LK-101v3 Web browser	Web browser and IWS
LK-102v3 PDF enhancements	PDF/A, PDF encryption, digital signature
LK-105v3	Searchable PDF and PPTX
OCR text recognition	
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	Generates various file formats incl. DOCX, XLSX and PDF/A
Document converter pack	
LK-111 ThinPrint® Client	Print data compression for reduced network impact
LK-115 TPM activation	Trusted Platform Module for protection of data encryption and decryption
UK-204 i-Option memory	Memory extension for i-Options
UK-208	Required for ineo Remote Access on Android and iOS and for wireless LAN Access Point Mode
Wireless LAN Access Point	
SX-BR-4600 Wireless LAN	Wireless LAN to network connector

## Technical specifications

## SYSTEM SPECIFICATIONS

System memory	2,048 MB (standard)
System hard disk	250 GB (standard)
Interface	10-Base-T/100-Base-T/1,000-Base-T Ethernet; USB 2.0; Wi-Fi 802.11b/g/n (optional)
Network protocols	TCP/IP (IPv4 / IPv6); IPX/SPX; NetBEUI; AppleTalk (EtherTalk); SMB; LPD; IPP; SNMP; HTTP
Frame types	Ethernet 802.2; Ethernet 802.3; Ethernet II; Ethernet SNAP
Automatic document feeder	Up to 100 originals; A6–A3; 35–163 g/m <sup>2</sup> Dual scan ADF
Printable paper size	A6–SRA3, customised paper sizes; banner paper max. 1,200 x 297 mm
Printable paper weight	52–300 g/m <sup>2</sup>
Paper input capacity	Standard: 1,150 sheets Max.: 6,650 sheets
Tray 1	500 sheets, A5–A3, 52–256 g/m <sup>2</sup>
Tray 2	500 sheets, A5–SRA3, 52–256 g/m <sup>2</sup>
Tray 3 (optional)	500 sheets, A5–A3, 52–256 g/m <sup>2</sup>
Tray 4 (optional)	2 x 500 sheets, A5–A3, 52–256 g/m <sup>2</sup>
Large capacity tray (optional)	2,500 sheets, A4, 52–256 g/m <sup>2</sup>
Large capacity cabinet 1 (optional)	3,000 sheets, A4, 52–256 g/m <sup>2</sup>
Large capacity cabinet 2 (optional)	2,500 sheets, A4–SRA3, 52–256 g/m <sup>2</sup>
Manual bypass	150 sheets, A6–SRA3, custom sizes, banner, 60–300 g/m <sup>2</sup>
Automatic duplexing	A5–SRA3; 52–256 g/m <sup>2</sup>
Finishing modes (optional)	Offset; group; sort; staple; punch; post insertion; centre-fold; letter fold; booklet
Output capacity (with finisher)	Max.: 3,300 sheets
Output capacity (without finisher)	Max.: 250 sheets
Stapling	Max.: 50 sheets or 48 sheets + 2 cover sheets (up to 209 g/m <sup>2</sup> )
Stapling output capacity	Max.: 1,000 sheets
Letter fold	Up to 3 sheets
Letter fold capacity	Max.: 30 sheets (tray); unlimited
Booklet	Max.: 20 sheets or 19 sheets + 1 cover sheet (up to 209 g/m <sup>2</sup> )

Booklet output capacity	Max.: 100 sheets (tray); unlimited
Copy/print volume (monthly)	Rec.: 30,000 pages Max. <sup>(1)</sup> : 60,000 pages
Toner lifetime	29,280 pages
Imaging unit lifetime	130,000 pages/600,000 pages (Drum/Developer)
Power consumption	220–240 V / 50/60 Hz; less than 2.0 kW (system)
System dimensions (W x D x H)	615 x 685 x 921 mm (excl. lower paper tray unit)
System weight	Approx. 93 kg

## COPIER SPECIFICATIONS

Copying process	Electrostatic laser copy, tandem, indirect
Toner system	HD polymerised toner
Copy/print speed A4	Up to 45 ppm
Copy/print speed A3	Up to 22 ppm
Autoduplex speed A4	Up to 45 ppm
1st copy out time	4.6 sec.
Warm-up time	Approx. 25 sec. <sup>(2)</sup>
Copy resolution	600 x 600 dpi
Gradation	256 gradations
Multicopy	1–9,999
Original format	A5–A3
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

<sup>1</sup> If the maximum volume is reached within a period of one year, then a maintenance cycle must be performed.

<sup>2</sup> Warm up time may vary depending on the operating environment and usage

PRINTER SPECIFICATIONS

<b>Print resolution</b>	1,800 x 600 dpi; 1,200 x 1,200 dpi
<b>Page description language</b>	PCL6 (XL 3.0); PCL 5; PostScript 3 (CPSI 3016); XPS
<b>Operating systems</b>	Windows Vista (32/64); Windows 7 (32/64); Windows 8 (32/64); Windows 10 (32/64); Windows Server 2008 (32/64); Windows Server 2008 R2, Windows Server 2012; Windows Server 2012 R2; Macintosh OS X 10.x; Unix; Linux; Citrix
<b>Printer fonts</b>	80 PCL Latin; 137 PostScript 3 Emulation Latin
<b>Print functions</b>	Direct print of PCL, PS, TIFF, XPS, PDF (v1.7), encrypted PDF files and OOXML (DOCX, XLSX, PPTX); mixmedia and mixplex; "Easy Set" job program- ming; overlay; watermark; copy protection; carbon copy print
<b>Mobile Printing</b>	AirPrint (iOS), Mopria (Android), Google Cloud Print (optional), WiFi Direct (optional), ineoPRINT (iOS & Android)

SCANNER SPECIFICATIONS

<b>Scan speed (with optional document feeder)</b>	Up to 160 ipm
<b>Scan resolution</b>	Max.: 600 x 600 dpi
<b>Scan modes</b>	Scan-to-E-mail (Scan-to-Me), Scan-to-SMB (Scan-to-Home), Scan-to-FTP, Scan-to-Box, Scan-to-USB, Scan-to-WebDAV, Scan-to-DPWS, Network TWAIN scan
<b>File formats</b>	JPEG; TIFF; PDF; PDF/A 1a and 1b (optional); compact PDF; encrypted PDF; searchable PDF (optional); XPS; compact XPS; PPTX; searchable DOCX/XLSX/PPTX (optional)
<b>Scan destinations</b>	2,100 (single + group); LDAP support
<b>Scan functions</b>	Annotation (text/time/date) for PDF; up to 400 job programs; Realtime scan preview

FAX SPECIFICATIONS

<b>Fax standard</b>	Super G3 (optional)
<b>Fax transmission</b>	Analogue, i-Fax, Colour i-Fax (RFC3949-C), IP-Fax
<b>Fax resolution</b>	Max.: 600 x 600 dpi (ultra-fine)
<b>Fax compression</b>	MH; MR; MMR; JBIG
<b>Fax modem</b>	Up to 33.6 Kbps
<b>Fax destinations</b>	2,100 (single + group)
<b>Fax functions</b>	Polling; time shift; PC-Fax; receipt to confidential box; Receipt to E-mail/FTP/SMB; up to 400 job programs

USER BOX SPECIFICATIONS

<b>Max. storable documents</b>	Up to 3,000 documents or 10,000 pages
<b>Type of user boxes</b>	Public; Personal (with password or authentication); Group (with authentication)
<b>Type of system boxes</b>	Secure print; Encrypted PDF print; Fax receipt; Fax polling
<b>User box functionality</b>	Reprint; Combination; Download; Sending (E-mail/FTP/SMB and fax); Copy box to box

SYSTEM FEATURES

<b>Security</b>	ISO15408/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 256); Memory data auto deletion; Confidential fax receipt; Print user data encryption; copy protection (Copy Guard, Password Copy) optional
<b>Accounting</b>	Up to 1,000 user accounts; Active Directory support (user name + password + E-mail + smb folder); User function access definition; Biometric authentication (finger vein scanner); optional ID card authentication (ID card reader) optional
<b>Software</b>	store+find (opt.), convert+share (opt.), Personal Applications (opt.), Enterprise Suite (opt.), Data Administrator (user accounts & cost centres), Card solutions (opt.), Unix/Linux support, SAP support, EveryonePrint (opt.), PCounter (opt.)



DEVELOP

Konica Minolta Business Solutions Europe GmbH  
Europaallee 17 30855 Langenhagen Germany Phone +49 511 7404-0 www.develop.eu

For more information regarding the ineo 454e please refer to the respective product homepage



All data relating to the paper capacities of the document feeder, the final processing accessories and the paper cassettes apply to paper weighing 80 g/m<sup>2</sup> unless expressly stated otherwise. All data relating to the speed of printing, scanning or faxing apply to paper of an A4 format weighing 80 g/m<sup>2</sup> unless expressly stated otherwise.

All data relating to paper weights apply to media that are recommended by Konica Minolta. All technical data correspond to knowledge available at the time of going to print. Konica Minolta reserves the right to make technical alterations.

DEVELOP and ineo are registered trademarks/product titles owned by Konica Minolta Business Solutions Europe GmbH.

All other brand or product names are registered trademarks or product titles of their respective manufacturers. Konica Minolta does not accept any liability or guarantee for these products.

April 2016