

DEVELOP

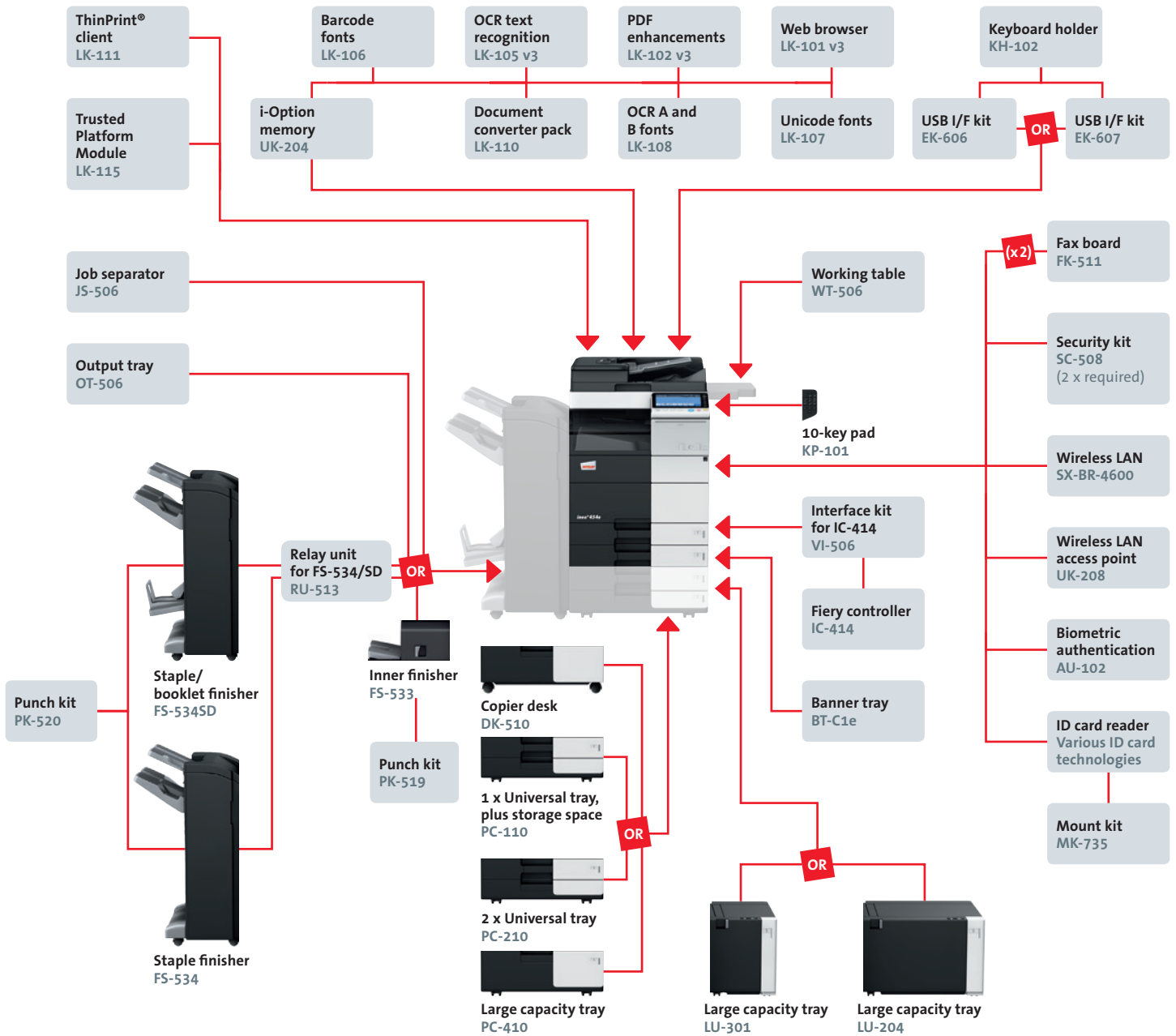
Dynamic balance

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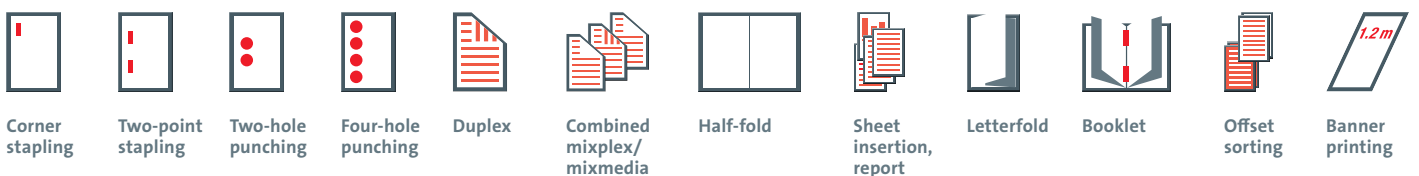


ineo+ 454e

- > Colour
A3 multifunctional
- > Up to 45 ppm



Finishing functionalities



ineo+ 454e

A3 multifunctional with 45 ppm b/w and colour. Standard ineo print controller with PCL 6c, PostScript 3, PDF 1.7 and XPS 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/m². 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 ²
PC-210 2 x Universal tray	A5–A3, 2 x 500 sheets, 52–256 g/m ²
PC-410 Large capacity tray	A4, 2,500 sheets, 52–256 g/m ²
LU-204 Large capacity tray	A4–SRA3, 2,500 sheets, 52–256 g/m ²
LU-301 Large capacity tray	A4, 3,000 sheets, 52–256 g/m ²
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-sheet staple finisher, 20-sheet booklet finisher,
RU-513 Relay unit for FS-534/SD	For FS-534/SD installation
PK-520 Punch kit for FS-534/SD	2/4 hole punching, autoswitching
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

IC-414 Fiery controller	Professional colour print controller
VI-506 Interface kit for IC-414	Fiery controller interface card
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 (2 x required)
BT-C1e Banner tray	Multipage banner feeding
LK-101 v3 Web browser	Web browser and IWS
LK-102 v3 PDF enhancements	PDF/A (1b), PDF encryption, digital signature
LK-105 v3 OCR text recognition	Searchable PDF and PPTX, PDF/A (1a)
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	and PDF/A
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 Wireless LAN	Required for ineo Remote Access on Android and iOS and for Wireless LAN Access Point Mode
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 ² , 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 ²
Paper input capacity	Standard: 1,150 sheets Max.: 6,650 sheets
Tray 1	500 sheets, A5–A3, 52–256 g/m ²
Tray 2	500 sheets, A5–SRA3, 52–256 g/m ²
Tray 3 (optional)	1 x 500 sheets, A5–A3, 52–256 g/m ²
Tray 4 (optional)	2 x 500 sheets, A5–A3, 52–256 g/m ²
Large capacity tray (optional)	2,500 sheets, A4, 52–256 g/m ²
Large capacity tray LU-301 (optional)	3,000 sheets, A4, 52–256 g/m ²
Large capacity tray LU-204 (optional)	2,500 sheets, A4–SRA3, 52–256 g/m ²
Manual bypass	150 sheets, A6–SRA3, custom sizes, banner, 60–300 g/m ²
Automatic duplexing	A5–SRA3; 52–256 g/m ²
Finishing modes (optional)	Offset; group; sort; staple; punch; 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 ²)
Stapling output capacity	Max. 1,000 sheets
Letter fold	Up to 3 sheets
Letter fold capacity	Max.: 30 sheets; unlimited
Booklet	Max.: 20 sheets or 19 sheets + 1 cover sheet (up to 209 g/m ²)

Booklet output capacity	Max.: 100 sheets; unlimited
Copy/print volume (monthly)	Rec.: 30,000 pages; max. ⁽¹⁾ : 150,000 pages
Toner lifetime	Black 27,500 pages; CMY 26,000 pages
Imaging unit lifetime	Black 130,000 pages/600,000 pages (Drum/Developer) CMY 95,000 pages/600,000 pages (Drum/Developer)
Power consumption	220–240 V / 50/60 Hz; less than 1.5 kW (system)
System dimensions (W x D x H)	615 x 685 x 921 mm (excl. lower paper tray unit)
System weight	Approx. 101 kg

COPIER SPECIFICATIONS

Copying process	Electrostatic laser copy, tandem, indirect
Toner system	HD polymerised toner
Copy/print speed A4 (mono/colour)	Up to 45 ppm
Copy/print speed A3 (mono/colour)	Up to 22 ppm
Autoduplex speed A4 (mono/colour)	Up to 45 ppm
1st copy out time (mono/colour)	4.6 sec. / 5.5 sec.
Warm-up time	Approx. 25 sec. ⁽²⁾
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

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

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

PRINTER SPECIFICATIONS

Print resolution	1,800 x 600 dpi; 1,200 x 1,200 dpi
Page description language	PCL6 (XL 3.0); PCL 5c; PostScript 3 (CPSI 3016); XPS
Operating systems	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
Printer fonts	80 PCL Latin; 137 PostScript 3 Emulation Latin
Print functions	Direct print of PCL, PS, TIFF, XPS, PDF (v1.7), encrypted PDF files and OOXML (DOCX, XLSX, PPTX); mixmedia and mixplex; "Easy Set" job programming; overlay; watermark; copy protection; carbon copy print
Mobile Printing	AirPrint (iOS), Mopria (Android), Google Cloud Print (optional), WiFi Direct (optional), ineoPRINT (iOS & Android)

PRINTER SPECIFICATIONS (OPTIONAL)

Print controller	Embedded Fiery IC-414
Controller CPU	Intel Pentium @ 2.6 GHz
Memory / HDD	2 GB / 160 GB
Page description language	Adobe PostScript 3 (CPSI 3019), PCL 6/5c
Operating systems	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 9.x/10.x

SCANNER SPECIFICATIONS

Scan speed (mono/colour)	Up to 160 ipm (with optional DF-701)
Scan resolution	Max.: 600 x 600 dpi
Scan modes	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
File formats	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)
Scan destinations	2,100 (single + group); LDAP support
Scan functions	Annotation (text/time/date) for PDF; up to 400 job programs; real-time scan preview

FAX SPECIFICATIONS

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

USER BOX SPECIFICATIONS

Max. storable documents	Up to 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 print; Fax receipt; Fax polling
User box functionality	Reprint; Combination; Download; Sending (E-mail/FTP/SMB and Fax); Copy box to box

SYSTEM FEATURES

Security	ISO15408/IEEE 2600.1 certified; 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
Accounting	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
Software	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

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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/m² 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/m² unless expressly stated otherwise.

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