

**DEVELOP**

Dynamic balance

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

# ineo<sup>+</sup> 454e



# A decisive boost to your productivity

Can a multifunctional system really improve the productivity of your office workflow? Does an office system with all the document functions you need have to be difficult to use? Can a high-quality multifunctional system be tailored to your needs? Reasonable questions, we believe. And that's why the ineo+ 454e has been designed for great speed, high-quality output and tailor-made ease of use. Just like your smartphone or tablet, this multifunctional office system can be operated intuitively with perfect ease. Frequently used functions can be placed on your start screen while functions you don't use can simply be removed to make its operation as simple as possible. The ineo+ 454e is an office system that not only boosts your productivity and produces first-class output, it also adapts to your working habits!

If you're looking for razor-sharp printouts, excellent image quality and a wide range of finishing options, the ineo+ 454e is the solution you need. Whatever your document requirements – printing, scanning, copying, faxing, e-mails or tools to simplify your everyday work – the ineo+ 454e will meet your customers' quality requirements, boost the productivity of your office workflow and do all that in extremely economical fashion.

## Customised user-friendliness

Many multifunctional office systems are anything but user-friendly. The ineo+ 454e, in contrast, is simplicity itself. An intuitive, easily understandable operating concept ensures that it is as easy to use as your smartphone or tablet. The 9-inch capacitive touchscreen comes with well-known multi-touch operations such as flick, drag&drop or pinch in&out. Thanks to a new menu navigation structure you can also see all functions in one go and select the settings you want with just a few clicks. Frequently used functions can be left on the start screen and ones you don't use simply removed. This kind of customisation saves you lots of time, ensures you learn to operate the system in no time at all, and get more fun out of routine office jobs.



ineo+ 454e with staple/booklet finisher (FS-534SD), saddle kit (SD-511), paper cassettes (PC-210) and large capacity unit (LU-204)



ineo+ 454e with staple/booklet finisher (FS-534SD), saddle kit (SD-511), paper cassettes (PC-210) and banner tray (BT-C1e)

### Excellent green credentials

Protecting the environment, saving natural resources and reducing energy costs – all key criteria in choosing the right multifunctional system for your office. Here, the ineo+ 454e sets new standards in green energy efficiency. Sustainability was a priority in the construction concept. The system's "green" functions include automatic deletion of blank pages to avoid unnecessary

copying and wasted paper, as well as sophisticated hardware to reduce power consumption. As a result, the machine's typical weekly electricity consumption (TEC value) is very low. All this is good news for the environment and, thanks to the lower electricity bill, for you too!



Please find more details on our website:  
<http://www.develop.de/smart>

**ineo+ 454e** – Intelligent. Smart. Intuitive.

# All the document functions

The qualities of the ineo+454e are particularly evident if you take a closer look at the wide range of standard and optional functions. You'll also appreciate the system's ease of use.

## High-class scanning performance

- > At up to 160 pages per minute the ineo+ 454e is unusually fast for a system of its class. It also offers a broad choice of scanning functions. You can scan documents as Word (docx), Excel (xlsx), PowerPoint (pptx) or readable PDF files without the need for manual conversion – so you or others can process the documents without delay. And you can naturally distribute scanned documents in a variety of ways, e.g. by e-mail, into Windows folders or to an FTP server. All features that save time and ease the workload in routine office jobs!

## Intelligent solutions for optimised work processes

- > DEVELOP's software solutions replace time-consuming manual operations with automated processes. With convert+share, for example, you can scan a document as a Word file and then send it straight to a Windows folder, e-mail address, Google Docs, Evernote or Microsoft SharePoint. And store+find helps you locate any document easily and quickly – via a keyword or full-text search facility.

## Extensive finishing and media options

- > Functions such as booklet making, stapling, hole punching, banner printing and letter folding plus a broad choice of printable media ensure you can produce almost any kind of document.

## Professional printouts and colour management

- > The print engine and innovative HD toner are finely tuned to deliver razor-sharp 1,200 dpi printouts with brilliant colours and easily readable small type. In combination with a Fiery controller, the ineo+ 454e also offers excellent colour management possibilities.



# you need

## Professional printouts and colour management

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## Convenient remote administration

- > The system can be administered via any web browser from a desktop computer. Instant servicing is possible thanks to the display's remote operating function. What's more, you can also simulate the operating panel on an Android table using a dedicated app. ineo Remote Care allows the system's status to be monitored by your DEVELOP dealer. That way he will be automatically notified when toner is running low to ensure you never run out. As well as saving you time and effort, it also means the ineo+ 454e is always up and running when needed.

## Various authentication possibilities

- > Secure access to the system is ensured through various means of authentication: PIN numbers, finger-vein scanning and contactless smart cards.

## Improved productivity

- > The ineo+ 454e not only delivers 45 ppm in colour or black and white, it is also an extremely reliable system with various features that speed up document production. Functions such as on-the-fly replacement of the toner cartridge so no print job needs to be interrupted and carbon-copy printing ensure smoothly running work processes.

## Reassuring data security

- > These days, you have to ensure that every system that has a hard disk or is integrated into a network is adequately protected. Thanks to security features such as IPsec, S/MIME e-mail encryption and IP filtering every form of system communication or document transfer is entirely secure.

## Excellent eco-friendliness

- > The system's low energy consumption, economical running costs and intelligent environmental concept have been rewarded by eco-certificates such as Energy Star. Eco-friendliness that is also good for your bottom line!



# Time to streamline your office life!

The ineo+ 454e will simplify your work processes, support you in document production and protect one of your most valuable assets – company data!

## Work processes optimised

An automated production line where all stages of the production process are perfectly coordinated is something you normally associate with manufacturing industry. But is this possible in everyday office work? We believe it is since the ineo+ 454e is an all-round solution that will help optimise your work processes. Thanks to its numerous useful functions the ineo+ 454e can reduce the amount of manual work involved in document production and thus minimise the costs involved. For example, you can scan documents as PowerPoint presentations or archive them as PDF/A files. DEVELOP's convert+share tool allows you to scan a document at the press of a button, have it converted into the required format and delivered to whatever destination you want, e.g. store+find. This tool does away with time-wasting searches for files by ensuring every document can be quickly located. In this way, the ineo+ 454e helps you to streamline your document production line.

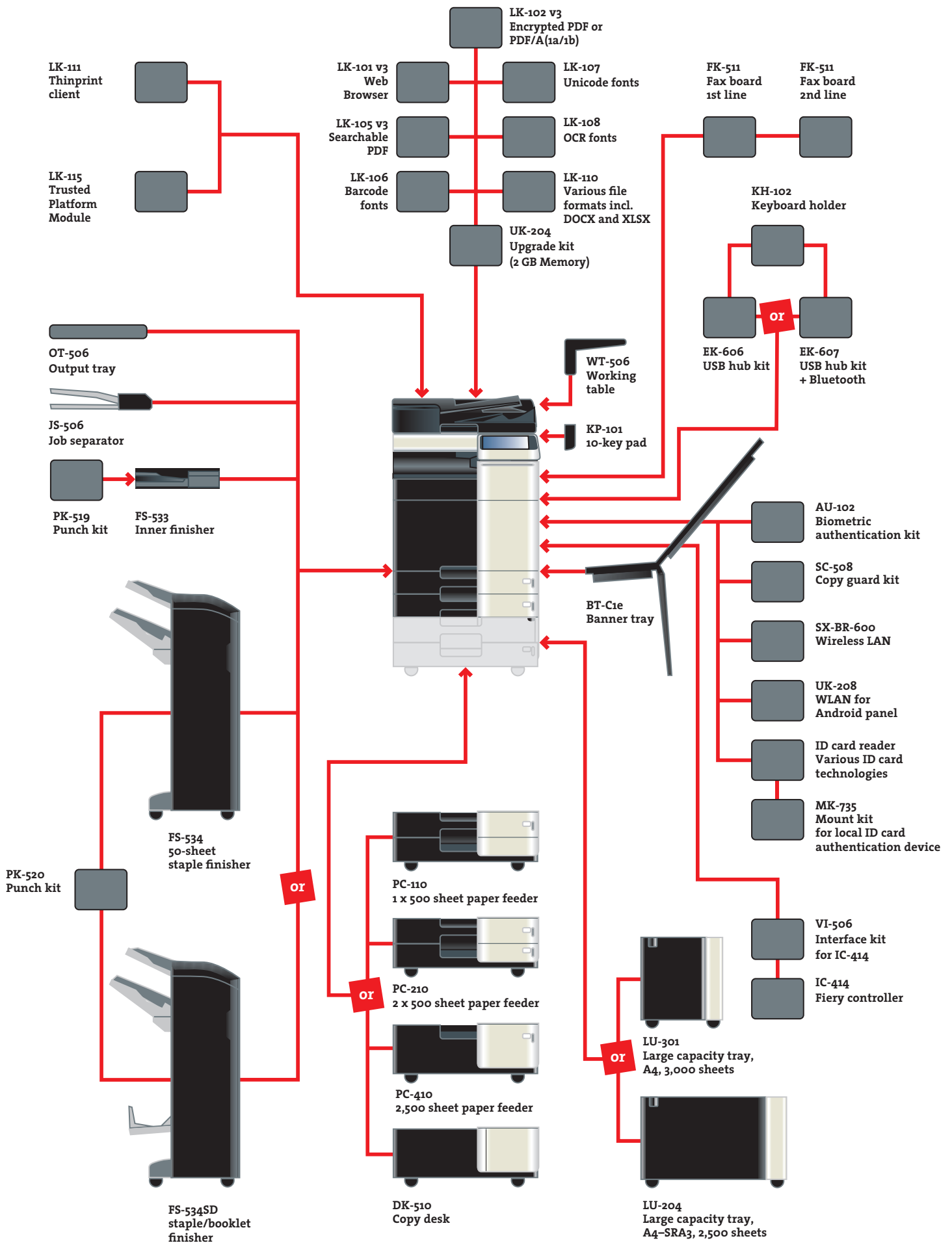
## Wide choice of media and finishing functions

Tired of using external shops for specialist jobs such as invitations printed on thick, high-quality paper? Those days will be over if you invest in an ineo+ 454e – and you'll save yourself time and money. You can print envelopes, recycled paper, pre-printed paper, overhead transparencies, many other media, and even thick card of up to 300 g/m<sup>2</sup>. A broad range of paper formats from A6 to SRA3 or user-defined formats and banners of up to 1.2 metres in length are handled with ease and printed in excellent quality. Thanks to the numerous finishing options booklets of up to 80 pages can be created, letters folded in various ways, handouts stapled or invoices hole-punched. Since pre-printed offset sheets can be professionally integrated into any print job, the ineo+ 454e allows you to produce almost any job in-house!

## Focus on data security

Many multifunctional office systems are high on features and low on data security. Or it comes as an expensive optional extra! The ineo+ 454e, in contrast, is certified to ISO 15408 EAL 3, a computer security standard, and complies with IEEE 2600.1, the international standard for multifunctional printer security. It also has numerous reassuring features such as hard-disk encryption, data erasure (when required) and security standards like TSL, SSL and IPsec. A secure printing function prevents documents from getting into the wrong hands and access to the system can be restricted to authorised users. Invest in an ineo+ 454e and you can be sure your data stay where they belong – in the right hands!





# ineo+ 454e

## GENERAL DATA

### Type of machine

Console system (built-in scanner)

### Printing and copying speed

- > A4: max. 45/45 ppm (colour / black & white)
- > A3: max. 22/22 ppm (colour / black & white)

### Print system

Laser

### Gradation

256

### Paper feeder

- > Standard: 1,150 sheet, max. 6,650 sheet
- > 500-sheet universal cassette (A5–A3, 52–256 g/m<sup>2</sup>)
- > 500-sheet universal cassette (A5–SRA3, 52–256 g/m<sup>2</sup>)
- > 150-sheet bypass (A5–SRA3, width: 90 to 320, length: 139.7 to 1,200 mm and banner, 52–300 g/m<sup>2</sup>) for standard paper, envelopes, OHP, thick paper, banner

### Paper format

Max. 320 x 450 mm  
Max. 297 x 1,200 mm banner paper

### Printable area

Max. 314 x 443 mm  
Max. 291 x 1,193 mm banner paper

### Warm-up time

25 seconds or less

### Dimensions (w x h x d)

615 x 921 x 685 mm (without options)

### Weight

Approx. 101 kg (without options)

### Power

220–240 V / 50/60 Hz

## PRINTER SPECIFICATIONS

### Controller

Standard: Embedded controller with 800 MHz (SoC architecture)  
Optional: Fiery controller IC-414, 2.6 GHz

### Memory

Standard controller uses system memory / hard disk (2 GB RAM/250 GB hard disk)  
Fiery IC-414: 2 GB, 160 GB hard disk

### Resolution

Max. 1,800 x 600 dpi  
(with Smoothing Technology)  
High quality mode: 1,200 x 1,200 dpi

### Network protocols

TCP/IP (IPv4/IPv6), IPX/SPX, SMB, NetBEUI, LPD, SNMP, HTTP/HTTPS, IPP, AppleTalk, EtherTalk, LDAP

### Emulation

PCL 6, PS 3, XPS, Fiery IC-414: Adobe PS 3

### Interfaces

Ethernet 10 BaseT/100 BaseTX/1000 BaseT, USB 2.0

### Driver

Windows Vista/Vistax64/7/7x64/8/8x64, Windows Server 2003/2003x64/2008/2008x64/2008 R2x64/2012x64/2012 R2, Mac OS X 10.x, Unix, Linux, Citrix

### Print functions

Direct print of PCL, PS, TIFF, XPS, OOXML and PDF documents, overlay, cover page, watermark, carbon copy, mixmedia and mixplex, banner print

## SCAN SPECIFICATIONS

### Type of scanning

Scan to E-mail/FTP/Box (HDD)/PC (SMB)/WebDAV/Me/Home/USB/DPWS, Network TWAIN

### Resolution

Max. 600 dpi

### Scanning speed

Max. 160 ipm (colour/black & white)

### Size of originals

Max. A3

### Scanning formats

TIFF, PDF, Compact PDF, JPEG, XPS, Compact XPS, PPTX  
Optional: PDF/A (1a/1b), Searchable PDF/PPTX/DOCX/XLSX PDF/A (1a/1b), Encrypted PDF, Linearised PDF

### Scan addresses

2,100, LDAP-support

## COPY SPECIFICATIONS

### Document feeder

- > Dual scan document feeder
- > 100-sheet, max. 163 g/m<sup>2</sup>
- > A6 to A3

### Copy pre-selection

1 – 9,999

### Zoom

25–400 % in 0.1 % steps

### First A4 copy

5.5 / 4.6 seconds (colour/black & white)

### Memory

2 GB RAM

### HDD

250 GB

### Resolution

Print: 1,800 x 600 dpi  
(with Smoothing Technology)

### Copier functions

Chapter and cover mode, test copy, colour image adjustment, creative mode, poster mode, book copy, glossy copy, ID card copy, watermark, stamp, date/page stamp, copy protection, 2 in 1 / 4 in 1 / 8 in 1, overlay (optional)

## FAX SPECIFICATIONS (OPTIONAL)

### Compatibility

G3/Super G3, MH, MR, MMR, J-BIG/ECM, IPFAX (iFax standard)

### Transfer rate / transfer speed

33.6 kBits/s, < 3 sec. ITU-No. 1

### Fax memory

Uses system memory

### Fax functions

Polling, time shift, PC-Fax, Receipt to confidential box, Receipt to E-mail, FTP, SMB

## OPTIONS

- > Inner finisher with 50-sheet multi position stapling, stack capacity of max. 500 sheets, optional punch kit (2/4 hole)
- > Floortype finisher for 50-sheet stapling: stack capacity of max. 3,200 sheets + 100 sheets via inner tray, optional saddle kit (for booklet stapling and letter fold) and punch kit (2/4-hole)
- > Job separator, max. 200 (150/50) sheet capacity
- > Paper feed cabinet (500 sheets)
- > Paper feed cabinet (2 x 500 sheets)
- > Large capacity tray for 2,500 sheets (A4)
- > Additional large capacity tray for 3,000 sheets (A4)
- > Additional large capacity tray for 2,500 sheets (SRA3)
- > Large capacity tray
- > Copy desk
- > 10 key pad
- > Banner tray
- > Working table
- > Fax unit
- > Fiery Controller
- > Security kit
- > Keyboard holder
- > USB interface kit
- > USB interface kit with Bluetooth
- > Biometric authentication kit
- > Miscellaneous card solutions
- > Mounting kit for card reader
- > Sender stamp kit for documents
- > i-Option (additional functions)
- > WLAN adapter
- > Kit for Android remote control

## SOFTWARE SOLUTIONS

- > store+find (opt.), convert+share (opt.), Personal Applications (opt.), Enterprise Suite (opt.), Fiery Profiler Color Management (opt.), Data Administrator (user accounts & cost centres), Card solutions (opt.), Unix/Linux support, SAP support, EveryonePrint (opt.), PCounter (opt.)

## DEVELOP

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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.

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