

**DEVELOP**

Dynamic balance

# ineo 224e

monochrome | 22 ppm



# Ease of use boosts office productivity

These black-and-white multifunctional devices are not only equipped with all the essential functions a modern office needs, they also offer a broad range of features that make them especially interesting for engineering firms, architect's offices, insurance companies, banks, educational establishments, libraries and indeed the whole public sector. What office workers in all these sectors demand is an office device that is intuitively easy to use. After all, routine tasks as printing or copying take up time office workers could otherwise spend on their real job. These are precisely the needs DEVELOP's black-and-white ineo line-up meets.

Each of these multifunctional office devices – the ineo 224e, ineo 284e, the ineo 364e, the ineo 454e and the ineo 554e – is not only remarkably easy to use but also offers a wide variety of features to facilitate everyday office tasks. By saving office users time in printing, copying or scanning, they can return to their normal work faster. And that will ultimately help boost productivity.



**ineo 224e with dual scan document feeder (DF-701),  
paper feeder (PC-210) and working table (WT-506)**



ineo 224e with document feeder (DF-624), inner finisher (FS-533) and large paper feeder (PC-410)

### Smartphone-style operation

Since most people these days have a smartphone or tablet, they will be totally familiar with the multi-touch operating concept of this ineo office machine. Its intuitive operability is modelled on the way smartphones or tablets are used to ensure that everybody feels at home in accessing a wide range of functions. In an office environment this saves time and helps to improve productivity. If the ineo device is also in public use, e.g. in a library or university building, this smartphone-style operability ensures that even inexperienced users will feel instantly at home with this multifunctional device.

### Customisable panel

Whatever kind of office a black-and-white multifunctional device is used in, it will inevitably have a number of users in workgroups, teams or different-sized departments. One feature of these ineo multifunctionals, their customisable operating panel, is particularly useful in multiple user environments. This means every single user can choose out of a wide range of features and functions the specific ones they want on their very own operating panel – especially as various apps can be downloaded via the operating panel to provide an added degree of customisation. The advantages are clear: instant access to frequently used functions and time saved on routine office tasks. What's more, DEVELOP's enhanced technology allows the user interface or entire applications to be completely customised, e.g. to position a corporate message, company logo or supportive information on the user panel directly.

**ineo 224e** – Usability at its best.

# Extensive functionality

The ineo 224e offers a wide range of standard and optional functions that are both highly useful and simple to use.

## High-class scanning performance

- › At up to 160 images per minute the ineo 224e is unusually fast for a system of its class. It also offers a broad choice of scanning functions. Since you can directly scan a document into a Word (.docx), Excel (.xlsx), PowerPoint (.pptx) or searchable PDF format, you no longer need to convert documents manually and can immediately start working with the file. You can distribute scanned documents in a variety of ways, e.g. by sending them as e-mails or transferring them to a Windows folder or an FTP server. All this saves you a lot of time and effort in everyday office work!

## 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 in various file formats and then send the file straight to wherever you want, for example, 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 flexibility

- › 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.

## Impressive printouts

- › The print engine and innovative HD toner are finely tuned to deliver razor-sharp 1,200 dpi printouts and easily readable small type.



# – excellent usability

## Capacitive touchscreen

- › With functions such as flick, drag&drop and pinch in&out the tiltable 9-inch colour screen is as simple to use as a smartphone or tablet. So most users will have nothing new to learn. Besides, the panel can be customised for tailored ease of use.

## 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 mirror the machine's operating panel on an Android tablet via a dedicated app and then, for example, choose the settings for a print job even though the printer is somewhere else in the building. 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 of toner and save you time and effort. Besides, the system is always up and running – just as it should be.

## Various authentication possibilities

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

## Reassuring data security

- › These days, any office system that is integrated into a company's network or has its own hard disk has to be adequately protected, as does any piece of IT equipment. 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. All the data stored on the system's hard disk are also protected from unauthorised access by data encryption technology and, if required, data erasure. Reassuring security in line with international standards such as ISO 15408 EAL3 and IEEE 2600.1 – for your peace of mind!

## 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. And that kind of eco-friendliness is also good for your bottom line!



# An economical and eco-friendly family

Whichever monochrome device you choose from the ineo line-up, you can be sure of three things: a familiarity based on shared features and functions, energy efficiency and eco-friendliness. Three qualities that guarantee a fast return on your investment in these multifunctional machines.

## Know one – operate many

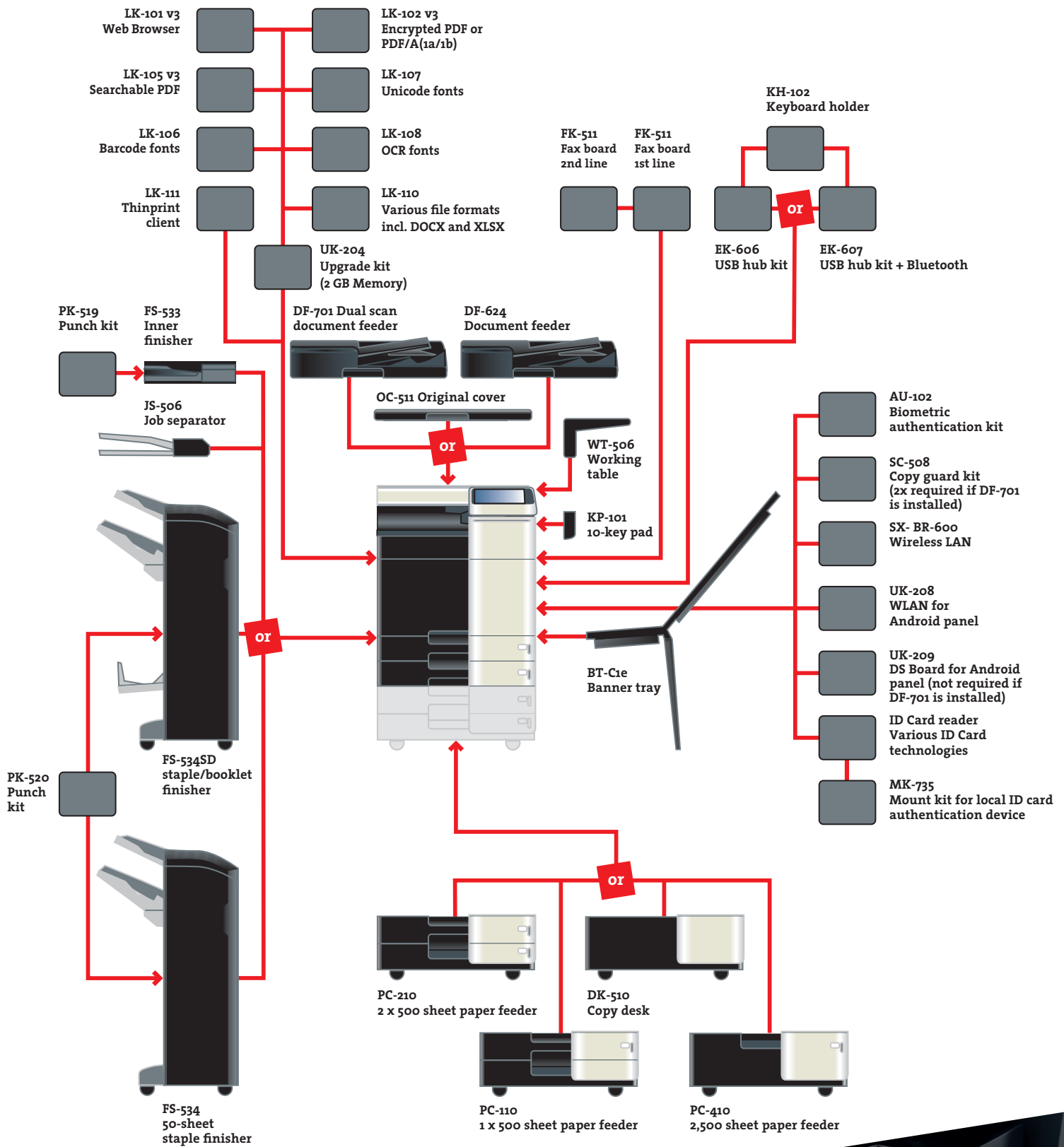
All ineo multifunctionals from the colour and black-and-white office line-ups now share common features and functions to maximise ease of use. In the multiple-machine environment of a larger company or government office this is a particularly useful feature. No matter which machine an employee decides to use, it will instantly feel familiar. That also saves a lot of time in routine office tasks.

## Eco-friendly energy-savers

These black-and-white systems come with a number of energy-saving features that cut power consumption by over 40% compared to predecessor models. While this kind of economy saves money, other green features are ecologically beneficial. And that means DEVELOP's ineo e line-up is not only good for the environment but also boosts the owner's green credentials.



ineo 224e with document feeder (DF-624), inner finisher (FS-533) and large paper feeder (PC-410)



# ineo 224e

## GENERAL DATA

### Printing and copying speed

- > A4: max. 22 ppm
- > A3: max. 14 ppm

### Print system

Laser

### Gradation

256

### Paper feeder

- > Standard: 1,150 sheets, max. 3,650 sheets
- > 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 mm to 320 mm, length: 139.7 to 1,200 mm, 60–300 g/m<sup>2</sup>) for standard paper, envelopes, OHP, thick paper, banner paper

### Paper format

A6–SRA3, customised paper sizes; banner paper, max. 1,200 x 297 mm

### Printable area

Max. print area for SRA3 paper size: 307.1 x 437.1 mm; for 311.1 x 457.2 mm paper size: 302.7 x 448.7 mm

### Warm-up time

Approx. 20 seconds

### Dimensions (w x h x d)

615 x 779 x 685 mm (without options)

### Weight

Approx. 76.5 kg (without options)

### Power

220–240 V, 50/60 Hz; less than 1.58 kW (system)

## PRINTER SPECIFICATIONS

### Controller

Embedded controller with 800 MHz (SoC architecture)

### Memory

System memory standard 2,048 MB, System hard disk standard 250 GB

### 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, AppleTalk (EtherTalk); SMB; LPD; IPP; SNMP; HTTP

### Emulation

PCL6 (XL 3.0); PCL 5; PostScript 3 (CPSI 3016); XPS

### Interfaces

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

### Driver

Windows XP (32/64), Windows VISTA (32/64), Windows 7 (32/64), Windows 8 (32/64), Windows Server 2003 (32/64), Windows Server 2008 (32/64), Windows Server 2008 R2 (64), Windows Server 2012 (64), Apple OS X 10.x, Unix, Linux, Citrix

### Print functions

Direct print of PCL, PS, TIFF, XPS, PDF, encrypted PDF files and OOXML (DOCX, XLSX, PPTX); mix-media and mixplex; "Easy Set" job programming; overlay; watermark; copy protection; carbon copy 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 x 600 dpi

### Scanning speed

Max. 160 ipm (colour/black & white)

### Size of originals

Max. A3

### Scanning formats

JPEG, TIFF, PDF, Compact PDF, encrypted PDF, XPS, compact XPS, PPTX

Optional: PDF/A 1a and 1b, searchable PDF, searchable PPTX, searchable DOCX/XLSX

### Scan addresses

2,100 (single and group), LDAP-support

## COPY SPECIFICATIONS

### Document feeder

Up to 100 originals; A6–A3; 35–163 g/m<sup>2</sup>; RADF or Dualscan ADF available

### Copy pre-selection

1 – 9,999

### Zoom

25–400 % in 0.1 % steps, auto-zooming

### First A4 copy

6.9 seconds

### Memory

2 GB RAM

### HDD

250 GB

### Resolution

600 x 600 dpi

### Copier functions

Chapter, cover and page insertion; proof copy (print/screen); adjustment test print; digital art functions; job setting memory; poster mode; image repeat; overlay (opt.); stamping; copy protection

## 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, up to 400 job programs

## OPTIONS

- > Dual scan document feeder (100 sheets)
- > Duplex document feeder (100 sheets)
- > Original cover
- > Inner finisher with 50-sheet multi-position stapling: stack capacity of max. 500 sheets and optional punch kit (2/4 hole)
- > Floortype finisher for 50-sheet stapling: stack capacity of max. 3,200 sheets + 100 sheets via inner tray and optional punch kit (2/4-hole)
- > Floortype finisher with 20-sheet booklet and 50-sheet stapling, max. 2,200-sheets + 100 sheets via inner tray capacity and optional 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)
- > Copy desk
- > 10-key pad
- > Banner tray
- > Working table
- > Fax unit
- > 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.), Data Administrator (user accounts & cost centres), Card solutions (opt.), Unix/Linux support, SAP support, EveryonePrint (opt.), PCounter (opt.)

## DEVELOP



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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