

**DEVELOP**

Colour for Everyone



# ineo+ 450i

- > Colour A3 multifunctional
- > Up to 45 ppm



 **COPY  
PRINT**  
services  
Expert Advice, Reliable Support

## Option diagram

1 Enhanced Features
PDF enhancements LK-102v3
OCR text recognition LK-105v4
Barcode fonts LK-106
Unicode fonts LK-107
OCR A and B fonts LK-108
Document converter pack LK-110v2
ThinPrint® client LK-111
Serverless pull printing LK-114
Trusted Platform Module LK-115v2
Antivirus LK-116
FOIP activation LK-117



2 Connectivity
Fax board FK-514
Wireless LAN UK-221
USB I/F kit EK-608
USB I/F kit EK-609
Fiery controller IC-420
Interface kit for IC-420 VI-516
Interface board for IC-420 UK-115
Biometric authentication AU-102
ID card reader
Mount kit MK-735

3 Others
Working table WT-506
10-Key pad KP-102
Security kit SC-509
Replacement SSD EM-908
Keyboard holder KH-102
Air cleaning unit CU-102

4 Media Input
1x Universal tray PC-116
2x Universal tray PC-216
Large capacity tray PC-416
Large capacity tray PC-417
Copier desk DK-516x
Large capacity tray LU-302
Large capacity tray LU-207
Banner tray BT-C1e

5 Media output
Output tray OT-513
Job separator JS-508

Inner finisher FS-533
Attachment kit MK-607
Punch kit for FS-533 PK-519

Staple finisher FS-539
Relay unit RU-513
Booklet finisher FS-539SD
Relay unit RU-513
Punch kit for FS-539/SD PK-524

Staple finisher FS-540
Relay unit RU-513
Booklet finisher FS-540SD
Relay unit RU-513
Punch kit for FS-540/SD PK-526
Post inserter for FS-540/SD PI-507
Job separator for FS-540/SD JS-602
Z-fold unit for FS-540/SD ZU-609

legend
Mandatory option
Option
This option can only be installed with the respective option above it

## Finishing functionalities



## Description

### Enhanced Features

LK-102v3 PDF enhancements	PDF/A(1b), PDF encryption, digital signature
LK-105v4 OCR text recognition	Searchable PDF and PPTX
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-110v2 Document converter pack	Generates various file formats incl. DOCX, XLSX and PDF/A
LK-111 ThinPrint® client	Print data compression for reduced network impact
LK-114 Serverless pull printing	Secure and Follow Me printing solution requiring no server application

LK-115v2 Trusted Platform Module	Trusted Platform Module for protection of data encryption and decryption
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LK-116 Antivirus	Bitdefender® antivirus provides real time scanning of all incoming and outgoing data
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LK-117 FOIP activation	Fax over IP networks (T.38), requires fax kit
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### Connectivity

FK-514 Fax board	Super G3 fax, digital fax functionality
UK-221 Wireless LAN	Wireless LAN and wireless LAN Access Point Mode
EK-608 USB I/F kit	USB keyboard connection
EK-609 USB I/F kit	USB keyboard connection; Bluetooth
IC-420 Fiery controller	Professional colour print controller
VI-516 Interface kit for IC-420	Fiery controller interface card
UK-115 Interface board for IC-420	Fiery controller interface board
AU-102 Biometric authentication	Finger vein scanner
ID card reader	Various ID card technologies
MK-735 Mount kit	Installation kit for ID card reader

### Others

WT-506 Working table	Authentication device placement
KP-102 10-Key pad	For use instead of touchscreen
SC-509 Security kit	Copy guard function
EM-908 Replacement SSD	1 TB SSD to increase storage space
KH-102 Keyboard holder	To place USB keyboard
CU-102 Air cleaning unit	Improving indoor air quality by reduced emission

### Media Input

PC-116 1x Universal tray	500 sheets, A5–A3, 52–256 g/m <sup>2</sup>
PC-216 2x Universal tray	2x 500 sheets, A5–A3, 52–256 g/m <sup>2</sup>
PC-416 Large capacity tray	2,500 sheets, A4, 52–256 g/m <sup>2</sup>
PC-417 Large capacity tray	1,500 + 1,000 sheets, A5–A4, 52–256 g/m <sup>2</sup>
LU-302 Large capacity tray	3,000 sheets, A4, 52–256 g/m <sup>2</sup>
LU-207 Large capacity tray	2,500 sheets, A4–SRA3, 52–256 g/m <sup>2</sup>
BT-C1e Banner tray	Multipage banner feeding
DK-516x Copier desk	Provides storage space for print media and other materials

### Media Output

OT-513 Output tray	Output tray used instead of finisher
JS-508 Job separator	Separation of fax output; etc.
FS-533 Inner finisher	50-sheet stapling, 500 sheets max. output
MK-607 Attachment kit	For FS-533 installation
PK-519 Punch kit for FS-533	2/4 hole punching, autoswitching
FS-539 Staple finisher	50 sheets stapling; 3,200 sheets max. output
FS-539SD Booklet finisher	50 sheets stapling; 20 sheets booklet finisher; 2,200 sheets max. output
PK-524 Punch kit for FS-539/SD	2/4 hole punching; autoswitching
FS-540 Staple finisher	100 sheets stapling; 3,200 sheets max. output
FS-540SD Booklet finisher	100 sheets stapling; 20 sheets booklet finisher; 2,700 sheets max. output
PK-526 Punch kit for FS-540/SD	2/4 hole punching; autoswitching
RU-513 Relay unit	For FS-539/SD or FS-540/SD installation
JS-602 Job separator for FS-540/SD	Separation of fax output; etc.
PI-507 Post inserter for FS-540/SD	Cover insertion; post finishing
ZU-609 Z-fold unit for FS-540/SD	Z-fold for A3 prints

## Technical specifications

### SYSTEM SPECIFICATIONS

System speed A4	Up to 45/45 ppm (mono/colour)
System speed A3	Up to 22/22 ppm (mono/colour)
Autoduplex speed A4	Up to 45/45 ppm (mono/colour)
1st page out time A4	3.8/5.0 sec. (mono/colour)
Warm-up time	Approx. 15/17 sec. (mono/colour) <sup>1</sup>
Imaging technology	Laser
Toner technology	HD polymerised toner
Panel size/resolution	10.1" / 1024 x 600
System memory	8,192 MB (standard/max)
System hard drive	256 GB SSD (standard) / 1 TB SSD (optional)
Interface	10/100/1,000-Base-T Ethernet; USB 2.0; Wi-Fi 802.11 b/g/n/ac (optional)
Network protocols	TCP/IP (IPv4 / IPv6); SMB; LPD; IPP; SNMP; HTTP(S); Bonjour
Automatic document feeder	Up to 300 originals; A6–A3; 35–210 g/m <sup>2</sup> ; Dualscan ADF
ADF double feed detection	Standard
Printable paper size	A6–SRA3; customized paper sizes; banner paper max. 1,200 x 297 mm
Printable paper weight	52–300 g/m <sup>2</sup>
Paper input capacity	1,150 sheets / 6,650 sheets (standard/max)
Paper tray input (standard)	1x 500; A6–A3; custom sizes; 52–256 g/m <sup>2</sup>
Paper tray input (optional)	1x 500; A5–SRA3; custom sizes; 52–256 g/m <sup>2</sup> 2x 500 sheets; A5–A3; 52–256 g/m <sup>2</sup> 1x 2,500 sheets; A4; 52–256 g/m <sup>2</sup> 1x 1,500 + 1x 1,000 sheets; A5–A4; 52–256 g/m <sup>2</sup>

### SYSTEM SPECIFICATIONS

Large capacity tray (optional)	1x 3,000; A4; 52–256 g/m <sup>2</sup> 1x 2,500; A4–SRA3; custom sizes; 52–256 g/m <sup>2</sup>
Manual bypass	150 sheets; A6–SRA3; custom sizes; banner; 60–300 g/m <sup>2</sup>
Finishing modes (optional)	Offset; Group; Sort; Staple; Staple (offline); Punch; Half-fold; Letter-fold; Booklet; Post insertion; Z-fold
Automatic duplexing	A6–SRA3; 52–256 g/m <sup>2</sup>
Output capacity	Up to 250 sheets / up to 3,300 sheets (standard/max)
Stapling	Max. 100 sheets or 98 sheets + 2 cover sheets (up to 300 g/m <sup>2</sup> )
Stapling output capacity	Max. 200 sets
Letter fold	Max. 3 sheets
Letter fold capacity	Max. 50 sets; unlimited (without tray)
Booklet	Max. 20 sheets or 19 sheets + 1 cover sheet (up to 300 g/m <sup>2</sup> )
Booklet output capacity	Max. 35 booklets; unlimited (without tray)
Duty cycle (monthly)	Rec. 40,000 pages; Max. <sup>2</sup> 200,000 pages
Toner lifetime	Black up to 28,000 pages CMY up to 28,000 pages
Imaging unit lifetime	Black up to 240,000/1,000,000 pages (drum/developer) CMY up to 155,000/1,000,000 pages (drum/developer)
Power consumption	220–240 V / 50/60 Hz; Less than 1.58 kW
System dimension (W x D x H)	615 x 688 x 961 mm (without options)
System weight	Approx. 100.0 kg (without options)

**PRINTER SPECIFICATIONS**

<b>Print resolution</b>	1,800 (equivalent) x 600 dpi; 1200 x 1200 dpi
<b>Page description language</b>	PCL 6 (XL3.0); PCL 5c; PostScript 3 (CPSI 3016); XPS
<b>Operating systems</b>	Windows 7 (32/64); Windows 8.1 (32/64); Windows 10 (32/64); Windows Server 2008 (32/64); Windows Server 2008 R2; Windows Server 2012; Windows Server 2012 R2; Windows Server 2016; Windows Server 2019; Macintosh OS X 10.10 or later; Unix; Linux; Citrix
<b>Printer fonts</b>	80 PCL Latin; 137 PostScript 3 Emulation Latin
<b>Mobile printing</b>	AirPrint (iOS); Mopria (Android); optional: Google Cloud Print; WiFi Direct

**PRINTER SPECIFICATIONS (OPTIONAL)**

<b>Print controller</b>	Embedded Fiery IC-420
<b>Controller CPU</b>	AMD GX-424CC @ 2.4 GHz
<b>Memory/HDD</b>	4,096 MB / 500 GB
<b>Page description language</b>	Adobe PostScript 3 (CPSI 3020); PCL 6; PCL 5c
<b>Operating systems</b>	Windows 7 (32/64); Windows 8.1 (32/64); Windows 10 (32/64); Windows Server 2008 (32/64); Windows Server 2008 R2; Windows Server 2012; Windows Server 2012 R2; Windows Server 2016; Windows Server 2019; Macintosh OS X 10.10 or later; Linux

**SCANNER SPECIFICATIONS**

<b>Scan speed</b>	Up to 140/140 ipm in simplex (mono/colour) Up to 280/280 ipm in duplex (mono/colour)
<b>Scan resolution</b>	Up to 600 x 600 dpi
<b>Scan modes</b>	Scan-to-eMail (Scan-to-Me); Scan-to-SMB (Scan-to-Home); Scan-to-FTP; Scan-to-Box; Scan-to-USB; Scan-to-WebDAV; Scan-to-DPWS; Scan-to-URL; TWAIN scan
<b>File formats</b>	JPEG; TIFF; PDF; Compact PDF; Encrypted PDF; XPS; Compact XPS; PPTX optional: Searchable PDF; PDF/A 1a and 1b; Searchable DOCX/PPTX/XLSX
<b>Scan destinations</b>	2,000 destinations + 100 groups; LDAP support

**COPIER SPECIFICATIONS**

<b>Copy resolution</b>	600 x 600 dpi
<b>Gradation</b>	256 gradations
<b>Multicopy</b>	1–9,999
<b>Original format</b>	Max. A3
<b>Magnification</b>	25–400% in 0.1% steps; Auto-zooming

**FAX SPECIFICATIONS**

<b>Fax standard</b>	Super G3 (optional)
<b>Fax transmission</b>	Analogue; i-Fax; Colour i-Fax; IP-Fax
<b>Fax resolution</b>	Up to 600 x 600 dpi
<b>Fax compression</b>	MH; MR; MMR; JBIG
<b>Fax modem</b>	Up to 33.6 Kbps
<b>Fax destinations</b>	2,000 single + 100 groups

**USER BOX SPECIFICATIONS**

<b>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

**SYSTEM FEATURES**

<b>Security</b>	ISO 15408 HCD-PP Common Criteria (in evaluation); IP filtering and port blocking; SSL3 and TLS1.0/1.1/1.2 network communication; IPsec support; IEEE 802.1x support; User authentication; Authentication log; Secure print; Kerberos; Hard drive overwrite; Hard drive data encryption (AES 256); Confidential fax; Print user data encryption optional: Antivirus realtime scanning (Bitdefender®); Copy protection (Copy Guard, Password Copy)
<b>Accounting</b>	Up to 1,000 user accounts; Active Directory support (user name + password + e-mail + smb folder); User function access definition; Authentication by mobile device (Android) optional: Biometric authentication (finger vein scanner); ID card authentication (ID card reader); Authentication by mobile device (iOS)
<b>Software</b>	store+find (opt.); convert+share (opt.); Device Manager; Box Operator; Data Administrator (user accounts & cost centres); Card solutions (opt.); EveryonePrint (opt.)



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<sup>1</sup> Warm-up time may vary depending on the operating environment and usage  
<sup>2</sup> If the maximum volume is reached within a period of one year, then a maintenance cycle must be performed

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