

**DEVELOP**

Dynamic balance

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# ineo 227

- > Black & white  
A3 multifunctional
- > Up to 22 ppm

## OPTIONS

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
Upgrade kit UK-211



2 CONNECTIVITY
Fax board FK-513
Wireless LAN UK-215
USB I/F kit EK-608
USB I/F kit EK-609
Biometric authentication AU-102
Card authentication ID card reader
Mount kit MK-735

3 OTHERS
Document Feeder DF-628
Original Cover OC-514
Working table WT-506
10-Key pad KP-101
Keyboard holder KH-102
Air cleaning unit CU-101
Mount kit MK-747

4 MEDIA INPUT
1x Universal tray PC-113
2x Universal tray PC-213
Large capacity tray PC-413
Copier desk DK-513

5 MEDIA OUTPUT
Job separator JS-506
Inner finisher FS-533
Attachment kit MK-602
Punch kit for FS-533 PK-519
Staple finisher FS-534
Relay unit RU-514
Punch kit for FS-534/SD PK-520
Relay unit RU-514
Booklet finisher FS-534SD

LEGEND
<span style="display: inline-block; width: 15px; height: 10px; background-color: red; border: 1px solid black;"></span> Option
<span style="display: inline-block; width: 15px; height: 10px; background-color: #333; border: 1px solid black;"></span> Mandatory option
<span style="display: inline-block; width: 15px; height: 10px; background-color: #ccc; border: 1px solid black;"></span> 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. (Host devices require 4GB of memory)
LK-115v2 Trusted Platform Module	Trusted Platform Module for protection of data encryption and decryption
UK-211 Upgrade kit	2 GB memory extension for upgrades

### CONNECTIVITY

FK-513 Fax board	Super G3 fax, digital fax functionality
UK-215 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
AU-102 Biometric authentication	Finger vein scanner
ID card reader	Various ID card technologies
MK-735 Mount kit	Installation kit for ID card reader

## TECHNICAL SPECIFICATIONS

### SYSTEM SPECIFICATIONS

System speed A4	Up to 22 ppm
System speed A3	Up to 14 ppm
Autoduplex speed A4	Up to 22 ppm
1st page out time A4	5.3 sec.
Warm-up time	Approx. 20 sec. <sup>1</sup>
Imaging technology	Laser
Toner technology	HD polymerised toner
Panel size/resolution	7" / 800 x 480
System memory	2,048 MB / 4,096 MB (standard/max)
System hard drive	250 GB (standard)
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
Automatic document feeder (optional)	Up to 100 originals; A6-A3; 35-128 g/m <sup>2</sup> ; RADF
Printable paper size	A6-A3; customized paper sizes
Printable paper weight	60-220 g/m <sup>2</sup>
Paper input capacity	1,100 sheets / 3,600 sheets (standard/max)
Paper tray input (standard)	1x 500; A5-A4; 60-220 g/m <sup>2</sup> 1x 500; A5-A3; 60-220 g/m <sup>2</sup>
Paper tray input (optional)	1x 500 sheets; A5-A3; 60-220 g/m <sup>2</sup> 2x 500 sheets; A5-A3; 60-220 g/m <sup>2</sup> 1x 2,500 sheets; A4; 60-220 g/m <sup>2</sup>
Manual bypass	100 sheets; A6-A3; custom sizes; 60-220 g/m <sup>2</sup>
Finishing modes (optional)	Offset; Group; Sort; Staple; Punch; Half-fold; Letter-fold; Booklet
Automatic duplexing	A5-A3; 60-209 g/m <sup>2</sup>
Output capacity	Up to 250 sheets / up to 3,300 sheets (standard/max)
Stapling	Max. 50 sheets or 48 sheets + 2 cover sheets (up to 209 g/m <sup>2</sup> )
Stapling output capacity	Max. 100 sets
Letter fold	Max. 3 sheets
Letter fold capacity	Max. 30 sets; unlimited (without tray)
Booklet	Max. 20 sheets or 19 sheets + 1 cover sheet (up to 209 g/m <sup>2</sup> )

### OTHERS

DF-628 Document Feeder	Reversing automatic document feeder, capacity 100 originals
OC-514 Original Cover	Cover instead of ADF
WT-506 Working table	Authentication device placement
KP-101 10-Key pad	For use instead of touchscreen
KH-102 Keyboard holder	To place USB keyboard
CU-101 Air cleaning unit	Improving indoor air quality by reduced emissions
MK-747 Mount kit	Installation kit for Air cleaning unit

### MEDIA INPUT

PC-113 1x Universal tray	500 sheets, A5-A3, 60-220 g/m <sup>2</sup>
PC-213 2x Universal tray	2x 500 sheets, A5-A3, 52-256 g/m <sup>2</sup>
PC-413 Large capacity tray	2,500 sheets, A4, 60-220 g/m <sup>2</sup>
DK-513 Copier desk	Provides storage space for print media and other materials

### MEDIA OUTPUT

JS-506 Job separator	Separation of fax output; etc.
FS-533 Inner finisher	50-sheet stapling, 500 sheets max. output
PK-519 Punch kit for FS-533	2/4 hole punching, autoswitching
MK-602 Attachment kit	For FS-533 installation
FS-534 Staple finisher	50 sheets stapling, 3,200 sheets max. output
FS-534SD Booklet finisher	50 sheets stapling; 20 sheets booklet finisher; 2,200 sheets max. output
PK-520 Punch kit for FS-534/SD	2/4 hole punching, autoswitching
RU-514 Relay unit	For FS-534/SD installation

### SYSTEM SPECIFICATIONS

Booklet output capacity	Max. 20 booklets; unlimited (without tray)
Duty cycle (monthly)	Rec. 10,000 pages; Max. <sup>2</sup> 19,000 pages
Toner lifetime	Black up to 23,000 pages
Imaging unit lifetime	Black up to 80,000/600,000 pages (drum/developer)
Power consumption	220-240 V / 50/60 Hz; Less than 1.50 kW
System dimension (W x D x H)	585 x 660 x 735 mm (without options)
System weight	Approx. 56.5 kg (without options)

### PRINTER SPECIFICATIONS

Print resolution	1,800 (equivalent) x 600 dpi
Page description language	PCL 6 (XL3.0); PCL 5; PostScript 3 (CPSI 3016); XPS
Operating systems	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
Printer fonts	80 PCL Latin; 137 PostScript 3 Emulation Latin
Mobile printing	AirPrint (iOS); Mopria (Android); optional: WiFi Direct

**SCANNER SPECIFICATIONS**

Scan speed	Up to 45/45 ipm in simplex (mono/colour)
Scan resolution	Up to 600 x 600 dpi
Scan modes	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; TWAIN scan
File formats	JPEG; TIFF; PDF; Compact PDF; Encrypted PDF; XPS; Compact XPS; PPTX optional: Searchable PDF; PDF/A 1a and 1b; Searchable DOCX/PPTX/XLSX
Scan destinations	2,000 destinations + 100 groups; LDAP support

**COPIER SPECIFICATIONS**

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

**FAX SPECIFICATION**

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

**USER BOX SPECIFICATIONS**

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

**SYSTEM FEATURES**

Security	ISO15408 Common Criteria; IP filtering and port blocking; SSL2; 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 (8 standard types); Hard drive data encryption (AES 256); Memory data auto deletion; Confidential fax; Print user data encryption
Accounting	Up to 1,000 user accounts; Active Directory support (user name + password + e-mail + smb folder); User function access definition; optional: Biometric authentication (finger vein scanner); ID card authentication (ID card reader)
Software	Store+find (opt.); convert+share (opt.); Device Manager; Box Operator; Data Administrator (user accounts & cost centres); Card solutions (opt.); EveryonePrint (opt.)

<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

- All specifications refer to A4-size paper of 80 g/m<sup>2</sup> quality.
- The support and availability of the listed specifications and functionalities varies depending on operating systems, applications and network protocols as well as network and system configurations.
- The stated life expectancy of each consumable is based on specific operating conditions such as page coverage for a particular page size (6% coverage of A4). The actual life of each consumable will vary depending on use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature and humidity.
- Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.
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