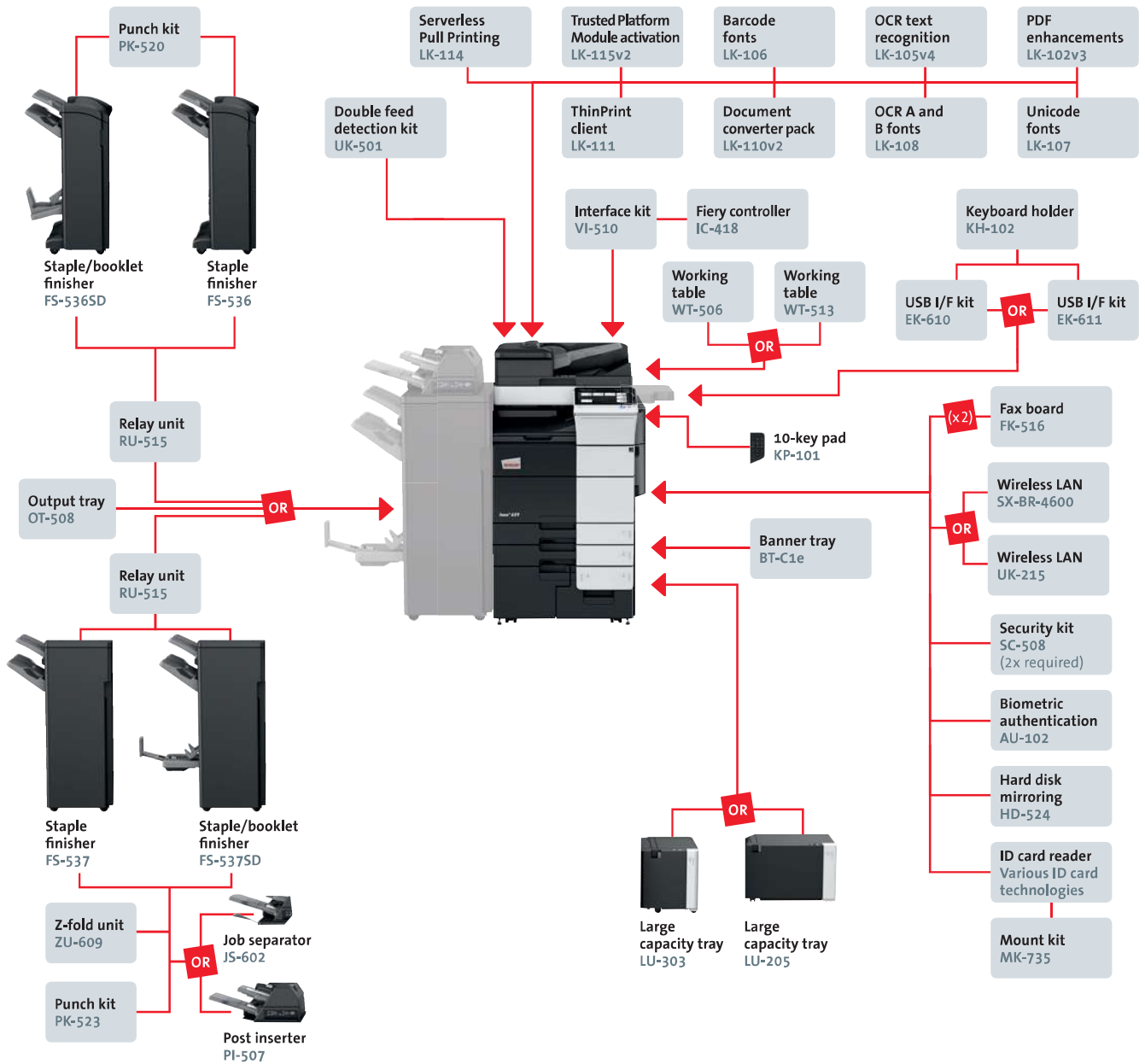


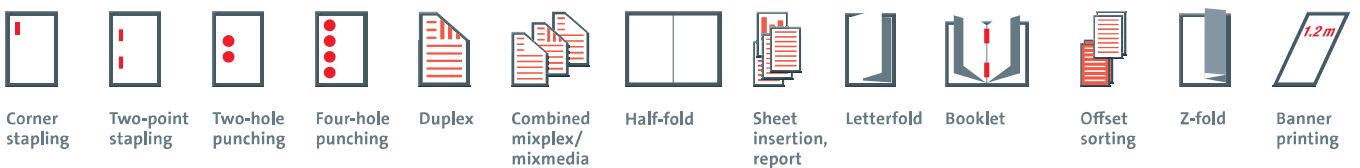


# ineo+ 659

- > Colour  
A3 multifunctional
- > Up to 65 ppm



Finishing functionalities



Description

ineo+ 659

A3 multifunctional with 65 ppm b/w and colour. Standard ineo print controller with PCL 6, PCL 5, PostScript 3, PDF 1.7, XPS and OOXML support. Paper capacity of 500 + 500 +1000 + 1500 sheets and 150-sheet manual bypass. Media from A6 to SRA3, 1.2 m banner and 52 – 300 g/m<sup>2</sup>. 4 GB memory, 250 GB hard disk and Gigabit Ethernet standard.

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 TPM activation	Trusted Platform Module for protection of data encryption and decryption
FK-516 Fax board	Super G3 fax; digital fax functionality
SX-BR-4600 Wireless LAN	Wireless LAN to network connector
AU-102 Biometric authentication	Finger vein scanner
UK-215 Wireless LAN	Wireless LAN and wireless LAN Access Point Mode
ID card reader	Various ID card technologies
MK-735 Mount kit	Installation kit for ID card reader
EK-610 USB I/F kit	USB keyboard connection
EK-611 USB I/F kit	USB keyboard connection; Bluetooth

KH-102 Keyboard holder	To place USB keyboard
VI-510 Interface kit for IC-418	Fiery controller interface card
IC-418 Fiery controller	Professional colour print controller
WT-513 Working table	Working table for upright panel
WT-506 Working table	Authentication device placement
KP-101 10-Key pad	For use instead of touchscreen
UK-501 Double feed detection kit	Multi-feed detector to reduce errors and paper jams
SC-508 Security kit	Copy guard function (2 kits required)
HD-524 Hard disk mirroring	Back-up HDD
LU-303 Large capacity tray	A4; 3,000 sheets; 52–256 g/m <sup>2</sup>
LU-205 Large capacity tray	A4–SRA3; 2,500 sheets; 52–256 g/m <sup>2</sup>
BT-C1e Banner tray	Multi-page banner feeding
OT-508 Output tray	Output tray used instead of finisher
RU-515 Relay unit	For FS-536(SD)/FS-537(SD) installation
FS-536 Staple finisher	50-sheet stapling; 3,200 sheets max. output
FS-536SD Booklet finisher	50-sheets staple finisher; 20-sheets booklet finisher; 2,200 sheets max. output
PK-520 Punch kit for FS-536(SD)	2/4 hole punching; autoswitching
FS-537 Staple finisher	100 sheets stapling; 3,200 sheets max. output
FS-537SD Booklet finisher	Booklet finisher 100-sheets staple finisher; 20-sheets booklet finisher; 2,700 sheets max. output
ZU-609 Z-fold unit for FS-537(SD)	Z-fold for A3 prints
PK-523 Punch kit for FS-537(SD)	2/4 hole punching; autoswitching
JS-602 Job separator for FS-537(SD)	Separation of fax output; etc.
PI-507 Post inserter for FS-537(SD)	Cover insertion; post finishing

Technical specifications

SYSTEM SPECIFICATIONS

Panel size/resolution	10.1" / 1024 x 600
System memory (standard/max)	4,096 MB
System hard disk	250 GB (standard)
Interface	10/100/1,000-Base-T Ethernet; USB 2.0; Wi-Fi 802.11b/g/n (optional)
Network protocols	TCP/IP (IPv4 / IPv6); SMB; LPD; IPP; SNMP; HTTP
Automatic document feeder	Up to 300 originals; A6–A3; 35–210 g/m <sup>2</sup> ; Dualscan ADF
Printable paper size	A6–SRA3; customised paper sizes; banner paper max. 1,200 x 297 mm
Printable paper weight	52–300 g/m <sup>2</sup>
Paper input capacity (standard/max)	3,650 sheets/6,650 sheets
Paper tray input (standard)	1 x 500 sheets; A5–SRA3; custom sizes; 52–256 g/m <sup>2</sup> 1 x 500 sheets; A5–SRA3; custom sizes; 52–256 g/m <sup>2</sup> 1 x 1,000 sheets; A5-A4; 52–256 g/m <sup>2</sup> 1 x 1,500 sheets; A5-A4; 52–256 g/m <sup>2</sup>
Large capacity tray (optional)	1x 3,000 sheets; A4; 52–256 g/m <sup>2</sup> ; 1x 2,500 sheets; A4–SRA3; 52–256 g/m <sup>2</sup>
Manual bypass	150 sheets; A6–SRA3; custom sizes; banner; 52–300 g/m <sup>2</sup>
Automatic duplexing	A6 portrait; A5–SRA3; 52–256 g/m <sup>2</sup>
Finishing modes (optional)	Offset; group; sort; staple; punch; post insertion; z-fold; half-fold; letter fold; booklet
Output capacity (standard)	Max. 250 sheets
Output capacity (optional)	Max. 3,300 sheets
Stapling	Max. 100 sheets or 94 sheets + 2 cover sheets (up to 209 g/m <sup>2</sup> )
Stapling output capacity	Max. 1,000 sheets
Letter fold	Max. 3 sheets
Letter fold capacity	Max. 30 sheets; unlimited (without tray)
Booklet	Max. 20 sheets or 19 sheets + 1 cover sheet (up to 209 g/m <sup>2</sup> )
Booklet output capacity	Max. 100 booklets; unlimited (without tray)
Copy/print volume (monthly)	Rec. 80,000 pages; Max: 300,000 pages

Toner lifetime	Black up to 48,900 pages; CMY up to 33,200 pages
Imaging unit lifetime	Black up to 300,000/1,200,000 pages (drum/developer); CMY up to 190,000 pages (imaging unit)
Power consumption	220–240 V / 50/60 Hz; Less than 2,1 kW
System dimension (W x D x H)	670 x 938 x 1232 mm (with desk/tray)
System weight	Approx. 219 kg (without options)

PRINTER SPECIFICATIONS

Print resolution	1,800 (equivalent) x 600 dpi; 1,200 x 1,200 dpi
Page description language	PCL 6 (XL 3.0); PCL 5; PostScript 3 (CPSI 3016); XPS
Operating systems	Windows 7 (32/64); Windows 8/8.1 (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; Macintosh OS X 10.8 or later; Unix; Linux
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), ineoPRINT (iOS, Android & Windows 10 Mobile); Mobile Authentication and Pairing (Android & iOS) optional: Google Cloud Print; Wifi Direct

## Technical specifications

### PRINTER SPECIFICATIONS (OPTIONAL)

Print controller	Embedded Fiery IC-418
Controller CPU	CPU type @ 2.7 GHz
Memory/HDD	2,048 MB / 500 GB
Page description language	Adobe PostScript 3 (CPSI 3020) PCL 6, PCL 5c
Operating systems	Windows 7 (32/64); Windows 8/8.1 (32/64); Windows 10 (32/64); Windows Server 2012; Windows Server 2012 R2; Windows Server 2016; Macintosh OS X 10.9 or later

### SCANNER SPECIFICATIONS

Scan speed (mono/colour)	Up to 120/120 ipm in simplex Up to 240/240 ipm in duplex
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; Scan-to-URL; TWAIN scan
File formats	JPEG; TIFF; PDF; compact PDF; encrypted PDF; XPS; compact XPS; PPTX optional: searchable PDF; linearised PDF; PDF/A 1a and 1b; searchable DOCX/PPTX/XLSX
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

### COPIER SPECIFICATIONS

Imaging technology	Laser
Toner technology	HD polymerised toner
Copy/print speed A4 (mono/colour)	Up to 65/65
Copy/print speed A3 (mono/colour)	Up to 32/32
Autoduplex speed A4 (mono/colour)	Up to 65/65
1st copy out time A4 (mono/colour)	3.7/4.9 sec.
Warm-up time	Approx. 22 sec. in mono; 35 sec in colour <sup>2</sup>
Copy resolution	600 x 600 dpi
Gradation	256 gradations
Multicopy	1–9,999
Original format	A5–A3; custom sizes
Magnification	25–400% in 0.1% steps; auto-zooming
Copy function	Chapter; cover and page insertion; proof copy (print and screen); adjustment test print; digital art functions; job setting memory; poster mode; image repeat; overlay; stamping; copy protection

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

<sup>2</sup> Warm up time may vary depending on the operating environment and usage

### FAX SPECIFICATIONS

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	2,100 (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

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 functions	Reprint; combination; Download; Sending (e-mail/FTP/SMB and Fax); Copy box to box

### SYSTEM FEATURES

Security	ISO15408 Common Criteria (in evaluation); 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 disk overwrite (8 standard types); Hard disk data encryption (AES 256); Memory data auto deletion; Confidential fax receipt; Print user data encryption optional: Hard disk mirroring; Copy protection (Copy Guard, Password Copy)
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); Authentication by mobile device (Android/iOS)
Software	store+find (opt.), convert+share (opt.), Personal Applications (opt.), Device Manager (opt.), Data Administrator (user accounts & cost centres), Card solutions (opt.), Unix/Linux support, SAP support, EveryonePrint (opt.)



For more information regarding the ineo+ 659 please refer to the respective product homepage

## DEVELOP

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**DOKU PARTNER**  
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- 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 (5% 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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