

TECHNICAL SPECIFICATIONS 1

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

LK-116 Antivirus Bitdefender® antivirus provides real time scanning of all incoming and outgoing data

LK-117 FOIP activation Fax over IP networks (T.38), requires fax kit

CONNECTIVITY

EK-608 USB I/F kit USB keyboard connection

EK-609 USB I/F kit USB keyboard connection; Bluetooth

UK-221 Wireless LAN Wireless LAN and wireless LAN Access Point Mode

FK-513 Fax board Super G3 fax, digital fax functionality

MK-735 Mount kit Installation kit for ID card reader

AU-102 Biometric authentication Finger vein scanner

OTHERS

DF-633 Document feeder Reversing automatic document feeder, capacity 130 originals

OC-513 Original cover Cover instead of ADF

WT-515 Working table Working table for upright panel

KP-101 10-Key pad For use instead of touchscreen

CU-101 Air cleaning unit Improving indoor air quality by reduced emissions

MK-748 Mount kit Installation kit for Air cleaning unit

MEDIA INPUT

PC-118 Universal tray 500 sheets, A5-A3 60-256 g/m²

PC-218 Universal tray 2x 500 sheets, A5-A3, 60-256 g/m²

PC-418 Large capacity tray 2,500 sheets, A4, 60-256 g/m²

DK-518x Copier desk Provides storage space for print media and other materials

MEDIA OUTPUT

FS-533 Inner finisher 50-sheet stapling, 500 sheets max. output

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

MK-602 Attachment kit For FS-533 installation

MK-603 Attachment kit For FS-533, FS-539/SD, JS-506 installation

PK-524 Punch kit for FS-539/SD 2/4 hole punching; autoswitching

JS-506 Job separator Separation of fax output; etc.

PK-519 Punch kit for FS-533 2/4 hole punching, autoswitching

RU-514 Relay unit For FS-539/SD installation

SYSTEM SPECIFICATIONS

System speed A4 Up to 25/25 ppm (mono/colour)

System speed A3 Up to 12/12 ppm (mono/colour)

Autoduplex speed A4 Up to 25/25 ppm (mono/colour)

1st page out time A4 6.8/8.4 sec. (mono/colour)

Warm-up time Approx. 20 sec. (mono/colour)¹

Imaging technology Laser

Toner technology Simitri® HD polymerised toner

Panel size/resolution 7" / 800 x 480

System memory 6,144 MB (standard/max)

System hard drive 256 GB SSD (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(S); Bonjour

Automatic document feeder

(optional)

Up to 130 originals; A5-A3; 35-128 g/m²; RADF

Printable paper size A6-A3; banner paper max. 1,200 x 297 mm

Printable paper weight 60-256 g/m²

Paper input capacity 1,100 sheets /3,600 sheets (standard/max)

Paper tray input (standard) 1x 500; A5-A4; custom sizes; 60-256 g/m²

1x 500; A5-A3; custom sizes; 60-256 g/m²

Paper tray input (optional) 1x 500 sheets; A5-A3; 60-256 g/m²

2x 500 sheets; A5-A3; 60-256 g/m²

1x 2,500 sheets; A4; 60-256 g/m²

Manual bypass 100 sheets; A6-A3; custom sizes, banner; 60-256 g/m²

Finishing modes (optional) Offset; Group; Sort; Staple; Staple (offline); Punch; Half-fold;

Letter-fold; Booklet

Automatic duplexing A5-A3; 60-256 g/m²

Output capacity Up to 250 sheets / up to 3,300 sheets (standard/max)

SYSTEM SPECIFICATIONS

Stapling Max. 50 sheets or 48 sheets + 2 cover sheets (up to 209 g/m²)

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/m²)

Booklet output capacity Max. 20 booklets; unlimited (without tray)

Duty cycle (monthly) Rec. 10,000 pages; Max.² 125,000 pages

Toner lifetime Black up to 24,000 pages

CMY up to 24,000 pages

Power consumption 220-240 V / 50/60 Hz; Less than 1.50 kW

System dimension (W x D x H) 571 x 661 x 786 mm (without options)

System weight Approx. 70.0 kg (without options)

PRINTER SPECIFICATIONS

Print resolution 1,800 (equivalent) x 600 dpi

Page description language PCL 6 (XL3.0); PCL 5c; 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; Linux

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 55/55 ipm in simplex (mono/colour)

Up to 20/20 ipm in duplex (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; Scan-to-URL; TWAIN scan

File formats JPEG; TIFF; PDF; Compact PDF; Encrypted PDF; XPS;

Compact XPS; PPTX; PDF/A

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 group

TECHNICAL SPECIFICATIONS 2

Copier Specifications

Copying process Electrostatic laser copy; indirect
Toner system Simitri® HD polymerised toner
Copy/print speed A4 mono (cpm) Up to 22 ppm
Copy/print speed A4 colour (cpm) Up to 22 ppm
Copy/print speed A3 mono (cpm) Up to 14 ppm
Copy/print speed A3 colour (cpm) Up to 14 ppm
Autoduplex speed A4 mono (cpm) Up to 22 ppm
Autoduplex speed A4 colour (cpm) Up to 22 ppm
1st Copy/print time mono (sec) 6.8
1st Copy/print time colour (sec) 8.4
Warm-up time (sec) Approx. 20
Copy resolution (dpi) 600 x 600
Gradations 256 gradations
Multi-copy 1-9,999
Original format A5-A3
Magnification 25-400% in 0.1% steps; auto-zooming

Printer Specifications

Print resolution (dpi) 1,800 (equivalent) x 600 dpi
Page description language PCL 6 (PCL 5c + XL 3.0)
PostScript 3 (CPSI 3016)
XPS
Operating systems Windows VISTA (32/64)

Windows 7 (32/64)

Windows 8 (32/64)

Windows 8.1 (32/64)

Windows 10 (32/64)

Windows Server 2008/2008 R2 (32/64)

Windows Server 2012/2012 R2 (64)

Macintosh OS X 10.x

Linux

Printer fonts 80 PCL Latin; 137 PostScript 3 Emulation Latin

Print functions Direct print of PCL; PS; TIFF; XPS; PDF (v1.4); encrypted PDF files and OOXML (DOCX; XLSX; PPTX); mixmedia and mixplex; "Easy Set" job programming; overlay; watermark; carbon copy print; copy protection

Mobile printing AirPrint (iOS); Mopria (Android); Google Cloud Print (optional); Wi-Fi Direct (optional); Print Service (Android); PageScope Mobile (iOS, Android); NFC Authentication and Pairing (Android)

Scanner Specifications

Scan speed colour (opm) Up to 45 ipm

Scan Speed mono (opm) Up to 45 ipm

Scan resolution (dpi) Max.: 600 x 600

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

Network TWAIN scan

File formats TIFF; PDF; Compact PDF; JPEG; XPS; Compact XPS; DOCX; XLSX; searchable PDF; PDF/A; linearized PDF

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

Fax Specifications (optional)

Fax standard G3

Fax transmission Analogue i-Fax

Colour i-Fax IP-Fax

Fax resolution (dpi) Max.: 600 x 600 dpi (ultra-fine)

Fax compression MH; MR; MMR; JBIG

Fax modem (Kbps) 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 specification

Max. 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 functionality Reprint; combination

Download

Sending (e-mail/FTP/SMB and fax)

Copy box to box

System Specifications

System memory standard (MB) 2,048 (standard)

System hard disc standard (GB) 250 (standard)

Interfaces standard 10-Base-T/100-Base-T/1,000-Base-T Ethernet; USB 2.0, Wi-Fi 802.11b/g/n (optional)

Network protocols TCP/IP (FTP; SMB; SMTP; WebDAV) (IPv4/IPv6)

Frame types Ethernet 802.2; Ethernet 802.3; Ethernet II; Ethernet SNAP

Automatic document feeder Up to 100 originals; A6-A3; 35-128 gsm

RADF optional available

Paper size A5-A3; A6S; banner paper; Thick Paper X/Y size input range: Width: 90-297 mm; Length: 139.7-431.8 mm

Printable paper weight (g/m²) 60-256 gsm

Paper input capacity (sheets) Standard: 1,100 sheets

Max.: 3,600 sheets

Paper trays standard Tray 1: 500 sheets; A5-A4; 60-256 gsm

Tray 2: 500 sheets; A5-A3; 60-256 gsm

Manual Bypass: 100 sheets; A6-A3; 60-256 gsm

Paper trays optional Tray 3: 500 sheets; A5-A3; 60-256 gsm

Tray 3 + 4: 2 x 500 sheets; A5-A3; 60-256 gsm

Large Capacity Cabinet: 2,500 sheets; A4; 60-256 gsm

Manual Bypass: 100 sheets; A6-A3; 60-256 gsm

Automatic duplexing A5-A3; 60-256 gsm

Finishing modes (optional) Offset; group; sort; staple; punch; centre-fold; letter fold; booklet

Output capacity (w. finisher) Max.: 3,300 sheets

Output capacity (w/o finisher) Max.: 250 sheets

Stapling Max.: 50 sheets or 48 sheets + 2 cover sheets (up to 209 gsm)

Stapling output capacity Max. 1,000 sheets

Letter fold Up to 3 sheets

Letter fold capacity Max.: 30 sheets (tray); unlimited

Booklet Max.: 20 sheets or 19 sheets + 1 cover sheet (up to 209 gsm)

Booklet output capacity Max.: 100 sheets

Copy/print volume recommended (monthly) 10,000 pages

Copy/print volume max. (monthly) 19,000 pages

Toner lifetime Black 24,000 pages

Toner lifetime CMY 21,000 pages

Developer lifetime Black 600,000 pages

Developer lifetime CMY 600,000 pages

Drum lifetime Black 80,000 pages

Drum lifetime CMY 70,000 pages Power consumption 220-240 V / 50/60 Hz