MURATEC

MURATEC AMERICA, INC.
A KONICA MINOLTA COMPANY

MFX-C4595i
color A3 multifunctional printer

BRIDGE THE GAP
BETWEEN PAPER AND DIGITAL
**BUSINESS-CLASS
DOCUMENT SOLUTIONS**

MFX-iNTELLIGENT Series

CUSTOMER BENEFITS

Intuitive operability
Operate the Muratec MFX like a smartphone or tablet with fully customized user interface

Mobile connectivity
Print anytime from anywhere with Muratec's innovative mobile technologies

Security
Secure network integration, data encryption, and advanced user authentication

Application ecosystem
Enhanced efficiency thanks to Muratec's extensive applications portfolio

Productivity
Reliability, high-speed scanning and printing, combined with powerful finishing functions
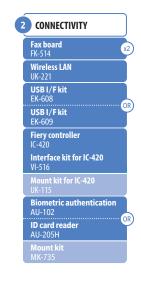
Sustainability
Numerous eco features reduce energy consumption and costs

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
Antivirus	LK-116
IP fax (T.38 fax)	LK-117*

2 CONNECTIVITY

Fax board	FK-514	x2
Wireless LAN	UK-221	
USB I/F kit	EK-608	OR
USB I/F kit	EK-609	
Fiery controller	IC-420	
Interface kit for IC-420	VI-516	
Mount kit for IC-420	UK-115	
Biometric authentication	AU-102	OR
ID card reader	AU-205H	
Mount kit	MK-735	

3 OTHERS

Working table	WT-506
10-Key pad	KP-102
Security kit	SC-509
1 TB SSD	EM-908
Keyboard holder	KH-102
External keyboard	

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

4 MEDIA INPUT

1x Universal tray	PC-116	OR
2x Universal tray	PC-216	OR
Large capacity tray	PC-416	OR
Large capacity tray	PC-417	OR
Copy desk	DK-516	
Large capacity tray	LU-302	OR
Large capacity tray	LU-207	
Banner tray	MK-730	

* May not be available at time of launch.

5 MEDIA OUTPUT

| Output tray | OT-513 | OR |
| Job separator | JS-508 | |

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

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

Staple finisher	FS-540	
Relay unit	RU-513	OR
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	OR
Z-fold unit for FS-540/SD	ZU-609	

FINISHING FUNCTIONALITIES

Corner stapling | Two-point stapling | Two-hole punching | Three-hole punching | Duplex | Combined mixplex/ mixmedia | Half-fold | Sheet insertion | Tri-fold | Booklet | Offset sorting | Z-fold | Banner printing | Corner stapling (offline)

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 file conversion	Generates various file formats including DOCX, XLSX and PDF/A
LK-111 ThinPrint client	Print data compression for reduced network impact
LK-116 Antivirus	Bitdefender® antivirus provides real time scanning of all incoming and outgoing data
LK-117 IP fax (T.38 fax)*	Fax over IP networks (T.38), requires fax kit

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 color print controller
VI-516 Interface kit for IC-420	Fiery controller interface card
UK-115 Mount kit	Fiery controller mount kit
AU-102 Biometric authentication	Finger vein scanner
AU-205H ID card reader	Supports 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 numeric entry instead of touchscreen
SC-509 Security kit	Copy guard function
EM-908 SSD	1 TB SSD to increase storage space
KH-102 Keyboard holder	To place USB keyboard
External keyboard	Keyboard for alpha numeric data entry

MEDIA INPUT

PC-116 1x Universal tray	500 sheets / 5.5" x 8.5" – 11" x 17" / 52–256 g/m²
PC-216 2x Universal tray	2x 500 sheets / 5.5" x 8.5" – 11" x 17" / 52–256 g/m²
PC-416 Large capacity tray	2,500 sheets / 8.5" x 11" / 52–256 g/m²
PC-417 Large capacity tray	1,500 + 1,000 sheets / 5.5" x 8.5" or 8.5" x 11" / 52–256 g/m²
LU-302 Large capacity tray	3,000 sheets / 8.5" x 11" / 52–256 g/m²
LU-207 Large capacity tray	2,500 sheets / 8.5" x 11" – 12" x 18" / 52–256 g/m²
MK-730 Banner tray	Multipage banner feeding
DK-516 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, auto switching
FS-539 Staple finisher	50-sheet stapling / 3,200 sheets max. output
FS-539SD Booklet finisher	50-sheet stapling / 20-sheet booklet finisher / 2,200 sheets max. output
PK-524 Punch kit for FS-539/SD	2/3 hole punching, auto switching
FS-540 Staple finisher	100-sheet stapling / 3,200 sheets max. output
FS-540SD Booklet finisher	100-sheet stapling / 20-sheet booklet finisher / 2,700 sheets max. output
PK-526 Punch kit for FS-540/SD	2/3 hole punching, auto switching
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 11" x 17" prints

TECHNICAL SPECIFICATIONS

SYSTEM SPECIFICATIONS

System speed 8.5" x11"	Up to 55/55 ppm (mono/color)
System speed 11" x 17"	Up to 27/27 ppm (mono/color)
Auto duplex speed 8.5" x 11"	Up to 55/55 ppm (mono/color)
1st page out time 8.5" x 11"	3.3/4.3 sec. (mono/color)
Warm-up time	Approx. 14/16 sec. (mono/color)[1]
Imaging technology	Laser
Toner technology	Simitri® HD polymerized toner
Panel size/resolution	10.1" / 1,024 x 600
System memory	8 GB (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 / 5.5" x 8.5" – 11" x 17" / 35–210 g/m² / Dualscan ADF
ADF double feed detection	Standard
Printable paper size	3.5" x 5.5" – 12" x 18" / customized paper sizes / banner paper max. 47.2" x 11.7"
Printable paper weight	52–300 g/m²
Paper input capacity	1,150 sheets / 6,650 sheets (standard/max.)
Paper tray input (standard)	1 x 500 / 3.5" x 5.8" – 11" x 17" / custom sizes / 52–256 g/m² 1 x 500 / 5.5" x 8.5" – 12" x 18" / custom sizes / 52–256 g/m²
Paper tray input (optional)	1 x 500 / 5.5" x 8.5" – 11" x 17" / 52–256 g/m² 2 x 500 / 5.5" x 8.5" – 11" x 17"/ 52–256 g/m² 1 x 2,500 / 8.5" x 11" /52–256 g/m² 1 x 1,500 + 1 x 1,000 sheets / 5.5" x 8.5" or 8.5" x 11" / 52–256 g/m²
Large capacity tray (optional)	1 x 3,000 / 8.5" x 11" / 52–256 g/m² 1 x 2,500/ 8.5" x 11" – 12" x 18" / custom sizes / 52–256 g/m²
Manual bypass	150 sheets / 3.5" x 5.5" – 12" x 18" / custom sizes / banner / 60–300 g/m²
Finishing modes (optional)	Offset, Group, Sort, Staple, Staple (offline), Punch, Half-fold, Letter-fold, Booklet, Post insertion, Z-fold
Automatic duplexing	4.1" x 5.5" – 12" x 18" / 52–256 g/m²
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/m²)
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/m²)
Booklet output capacity	Max. 35 booklets, unlimited (without tray)
Duty cycle (monthly)	Max.[2] 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 165,000/1,000,000 pages (drum/developer)
Power consumption	110–120 V / 60 Hz, Less than 1.6 kW
System dimension (W x D x H)	24.2" x 27.1" x 37.8" (without options)
System weight	Approx. 220 lb (without options)

* May not be available at time of launch.

PRINTER SPECIFICATIONS

Print resolution	1,800 (equivalent) x 600 dpi, 1,200 x 1,200 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, Unix, Linux, Citrix
Printer fonts	80 PCL Latin, 137 PostScript 3 Emulation Latin
Mobile printing	AirPrint (iOS), Konica Minolta Print Service (Android), Konica Minolta Mobile Print (iOS/Android) Optional: Google Cloud Print

PRINTER SPECIFICATIONS (OPTIONAL)

Print controller	Embedded Fiery IC-420
Controller CPU	AMD GX-424CC @ 2.4 GHz
Memory/HDD	4 GB / 500 GB
Page description language	Adobe PostScript 3 (CPSI 3020), PCL 6, PCL 5c
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

SCANNER SPECIFICATIONS

Scan speed	Up to 140/140 ipm in simplex (mono/color) Up to 280/280 ipm in duplex (mono/color)
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, 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. 11" x 17"
Magnification	25–400% in 0.1% steps, Auto zoom

FAX SPECIFICATIONS

Fax standard	Super G3 (optional)
Fax transmission	Analog, i-Fax, Color 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	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 data encryption (AES 256), Confidential fax, Print user data encryption Optional: Antivirus scanning (Bitdefender®), 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, Authentication by mobile device (Android) Optional: Biometric authentication (finger vein scanner), ID card authentication (ID card reader), Authentication by mobile device (iOS)
Software	Net Care Device Manager, Data Administrator, Box Operator, Web Connection, Print Status Notifier, Driver Packaging Utility, Log Management Utility

[1] Warm-up time may vary depending on the operating environment and usage.

[2]Maximum monthly copy/print volume supported under standard vendor-supplied service defines the upper end of expected customer volume for the device. Customers should consider multiple machines if average monthly volume approaches duty cycle on a continual basis.

– All specifications refer to 8.5" x 11" paper of 80 g/m^{2} weight.
– The support and availability of the listed specifications and functionalities vary 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 8.5" x 11"). 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.
– Some of the product illustrations contain optional accessories.
– Specifications and accessories are based on the information available at the time of printing and are subject to change without notice.
– Muratec does not warrant that any specifications mentioned will be error-free.

For complete information on Muratec products and solutions, please contact: 469.429.3300 or visit www.muratec.com

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