A4 COLOUR MULTI-FUNCTION PRINTERS IDEAL FOR SMALL AND MEDIUM SIZED OFFICES

i-SENSYS MF640 series
Multi-function colour printers that are durable, reliable and fast. Extensive mobile connectivity options maximise productivity

CONTROL
Universal Login Manager

MOBILE PRINTING
From smartphones or tablets

INTUITIVECONTROLS
12.7cm touchscreen

APPLICATION LIBRARY
customisable on screen application

SECURITY
PIN document release

PRODUCTIVITY
Automatic double-sided printing

Mobile connectivity

The Canon i-SENSYS MF640 Series is optimised to make printing simple and efficient no matter where the user is. The Canon PRINT Business app enables users to print wirelessly from smartphones and tablets while compatibility with Apple AirPrint and Mopria for Android means fast access without the need to download any additional apps.

Security and control

The printers' Universal Login Manager (MF645Cx only) allows the owner or administrator to control access to the printer through user authentication, enabling staff to ensure the privacy of documents. It manages permissions too so they can track who prints what and when, saving money by reducing unnecessary printing. The Secure PIN function restricts people from viewing or printing sensitive documents.

Customisation

The Canon i-SENSYS MF640 range features an Application Library designed to further increase efficiency. On-screen buttons automate and speed up everyday tasks like printing stored forms, scanning to email and copying documents with a single tap of a button. Application Library allows for the standby display to be customised and has been upgraded on the MF640 Series to include five useful new application functions.

Workflow efficiency

Ambitious businesses demand products that are not just robust and reliable but are also fast, easy to operate and highly productive. The Canon i-SENSYS MF640 Series has efficiency at its core, delivering up to 21 printed pages in A4 (MF645Cx and MF643Cdw). The easy-to-use large colour screen makes operations simple, while single pass double-sided scanning saves time scanning both sides simultaneously (MF645Cx only).

RANGE FEATURE STEP UP CHART

	MF641Cw	MF643Cdw	MF645Cx
Fax			●
A4 print speed	18ppm	21ppm	21ppm
Display	12.7cm colour touch screen	12.7cm colour touch screen	12.7cm colour touch screen
Secure PIN print	●	●	●
Automatic duplex printing		●	●
Universal Login Manager/uniFLOW compatibility			●
Application Library	●	●	●
Single pass duplex scan			●

OPTIONAL ACCESSORIES

Telephone 6 Kit

- (Available on MF645Cx)
  - Optional telephone hand set for fax function

Barcode Printing Kit-E1E (available on MF645Cx)

- Installs bar code fonts for bar code printing. This kit, which is delivered electronically, includes a license access certificate for activation

Send PDF Security Feature Set-E1 (Available on MF645Cx)

- Send encrypted PDF and add digital device signature to PDF files. This kit, which is delivered electronically, includes a license access certificate for activation.

Canon

i-SENSYS MF640 Series

Machine type	Colour Laser All-In-One
Available functions	MF641Cw/MF643Cdw: Print, Copy and Scan
	MF645Cx: Print, Copy, Scan and Fax

PRINTER

Print speed	MF641Cw: Single sided:Up to 18 ppm (A4),Up to 38 ppm (A5-Landscape)
	MF643Cdw/MF645Cx: Single sided :Up to 21 ppm (A4), Up to 38 ppm(A5-Landscape)
	Double sided: Up to 12.7 ipm (A4)
Printing method	Colour laser beam printing
Print resolution	600 x 600 dpi
Print quality with Image Refinement Technology	Up to 1200 x 1200 dpi
Warm-up time	Approx. 13 seconds or less from power on
First Print Out Time	Colour approx.: 10.5 seconds or less
	Mono approx.: 10.4 seconds or less
Printer languages	MF641Cw: UFRII
	MF643Cdw: UFRII, PCL 5c[1], PCL6
	MF645Cx: UFRII, PCL 5c[1], PCL6, Adobe® PostScript
Fonts	MF643Cdw: 45 PCL fonts
	MF645Cx: 93 PCL fonts
	136 PostScript fonts
Print margins	5 mm-top, bottom, left and right
	10 mm-top, bottom, left and right (Envelope)
Toner saver mode	Yes
Advanced printing features	MF641Cw/MF643Cdw:
	Secure Print, Print from USB memory key (JPEG/TIFF/PDF)
	Barcode Print[2], Google Cloud Print Ready
	iOS: AirPrint, Canon PRINT Business app
	Android; Mopria certified, Canon Print Service Plug-in,
	Canon PRINT Business app
	MF645Cx:
	Secure Print, Print from USB memory key (JPEG/TIFF/PDF)
	Barcode Print[2], Google Cloud Print Ready
	iOS: AirPrint, Canon PRINT Business app
	Android; Mopria certified, Canon Print Service Plug-in,
	Canon PRINT Business app

COPIER

Copy speed	MF641Cw: Single sided (A4): Up to 18 ppm
	MF643Cdw/MF645Cx: Single sided (A4): Up to 21 ppm
	Double sided (A4): Up to 12.7 ppm
First Copy Output Time (FCOT)	MF641Cw:
	Platen (A4):
	Colour Approx. 13.4 seconds or less, Mono Approx. 11.4 seconds or less
	MF643Cdw/MF645Cx:
	ADF (A4):
	Colour Approx. 13.4 seconds or less, Mono Approx. 11.4 seconds or less
	Platen (A4):
	Colour Approx. 14.5 seconds or less, Mono Approx. 12.3 seconds or less
Copy resolution	Up to 600 x 600 dpi
Copy modes	Text/Photo/Map (Default),Text/Photo/Map (quality),
	Printed Image, Text
Double sided copying	MF643Cdw: 1-sided to 2-sided (Automatic), MF645Cx: 2-sided to 2-sided (Automatic)
Multiple copy	Up to 999 copies
Reduction / Enlargement	25-400% in 1% increments
Other features	Frame Erase, Collate, 2 on 1, 4 on 1, ID card copy

SCANNER

Type	Colour
Scan resolution	Optical: Up to 600 x 600 dpi , Enhanced: Up to 9600 x 9600 dpi
Scan speed	MF641Cw:
	Mono: 27ipm (300x600dpi), Colour: 14ipm (300x600dpi)
	MF643Cdw:
	Single sided mono: 27ipm (300x600dpi), Single sided colour: 14ipm (300x600dpi)
	MF645Cx:
	Single sided mono: 27ipm (300x600dpi), Single sided colour: 14ipm (300x600dpi)
	Double sided mono: 47ipm (300x600dpi), Double sided colour: 27ipm (300x600dpi)
Colour scanning depth	24 bit/24 bit (input/output)
Greyscales	256 levels
Compatibility	TWAIN , WIA, ICA
Max. scan width	216mm
Scan to E-mail	MF641Cw/MF643Cdw: TIFF/JPEG/PDF/Compact PDF/
	Searchable PDF
	MF645Cx: TIFF/JPEG/PDF/Compact PDF/Searchable PDF/Encrypted PDF[3]/PDF
	(Digital signature)[3]
Scan to PC	MF641Cw/MF643Cdw: TIFF/JPEG/PDF/Compact PDF/
	Searchable PDF
	MF645Cx: TIFF/JPEG/PDF/Compact PDF/Searchable PDF/Encrypted PDF[3]/PDF
	(Digital signature)[3]
Scan to USB memory key	MF641Cw/MF643Cdw: TIFF/JPEG/PDF/Compact PDF/
	Searchable PDF
	MF645Cx: TIFF/JPEG/PDF/Compact PDF/Searchable PDF/Encrypted PDF[3]/PDF
	(Digital signature)[3]
Scan to FTP	MF641Cw/MF643Cdw: TIFF/JPEG/PDF/Compact PDF/
	Searchable PDF
	MF645Cx: TIFF/JPEG/PDF/Compact PDF/Searchable PDF/Encrypted PDF[3]/PDF
	(Digital signature)[3]
Scan to Cloud	TIFF/JPEG/PDF/PNG[4]
iFAX	MF645Cx: ITU-T.37

FAX

	MF645CX ONLY
Modem speed	33.6 Kbps (Up to 3 seconds/page[5])
Receive mode	Fax only, Fax/Tel Auto Switch, Answer Mode, Manual
Fax resolution	Standard: 200 x 100 dpi, Fine: 200 x 200 dpi
	Super fine: 200 x 400 dpi, Ultra fine: 400 x 400 dpi
FAX memory	Up to 512 pages[5]
Speed dials	Up to 281 dials
Group dials/destinations	Max. 299 dials / Max. 299 destinations
Sequential broadcast	Max. 310 destinations
Memory backup	Permanent fax memory backup (Backup with flash memory)
Double sided faxing	Yes (Transmit and Receive)
Other features	Fax Forwarding, Dual Access, Remote Reception, PC Fax (TX only) DRPD, ECM, Auto
	Redial, Fax Activity Reports, Fax Activity Result Reports, Fax Activity Management
	Reports

MEDIA HANDLING

Scanner type	MF641Cw: Platen
	MF643Cdw: Platen, ADF
	MF645Cx: Platen, 2-sided ADF (single pass)
Paper input (Standard)	MF641Cw: 250-sheet cassette
	1-sheet manual feed slot
	MF643Cdw/MF645Cx: 250-sheet cassette
	1-sheet manual feed slot
	50-sheet ADF
Paper input (Option)	
Paper output	100-sheet
Media types	Plain paper, Recycled paper, Heavy Paper, Thin paper, Colour paper, Glossy paper,
	Label, Post card, Envelope

Media sizes	Cassette :
	A4, A5, A5 (Landscape), B5, Legal, Letter, Executive, Statement, OFFICIO, B-OFFICIO,
	M-OFFICIO, GLTR, GLGL, Foolscap, 16K, Post card, Indexcard, Envelop (COM10, DL,
	C5, Monarch), Custom sizes: Min. 76.2 x 127 mm Max. 216 x 355.6 mm.
	Multi-purpose tray:
	A4, A5, A5 (Landscape), B5, Legal, Letter, Executive, Statement, OFFICIO, B-OFFICIO,
	M-OFFICIO, GLTR, GLGL, Foolscap, 16K, Post card, Indexcard, Envelope (COM10, DL,
	C5, Monarch), Custom sizes: Min 76.2 x 127 mm Max. 216 x 355.6 mm.
	ADF (MF643Cdw/MF645Cx only):
	A4, A5, B5, Legal, Letter, Statement, Custom sizes: Min. 128 x 139.7 mm Max 215.9 x
	355.6 mm
Media weights	Cassette: 60 to 163 g/m² (Up to 200 g/m² with Glossy paper)
	Multi-purpose tray: 60 to 163 g/m²
	(Up to 200 g/m² with Glossy paper)
	ADF: 50 to 105 g/m² (MF643Cdw/MF645Cx)
Double sided printing	MF643Cdw/MF645Cx:
	Automatic Cassette:
	A4, B5, Legal, Letter, Executive, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, GLGL,
	Foolscap, 16K
	Custom size - Min. 182 x 257 mm Max. 215.9 x 355.6 mm
	60 to 200 g/m²

INTERFACE & SOFTWARE

Interface type	USB 2.0 Hi-Speed, 10BASE-T/100BASE-TX/1000Base-T,
	Wireless 802.11b/g/n, Wireless Direct Connection
Operating System compatibility	Windows® 10 / Windows® 8.1 / Windows® 7 / Server® 2016 /
	Server® 2012R2 / Server® 2012 / Server® 2008R2 / Server® 2008 /
	Mac OS X version 10.9.5 & up / Mac OS 10.14 & up Linux[6]
Network Protocol	Print: LPD, RAW, WSD-Print (IPv4,IPv6), IPP, IPPS
	Scan: Email, SMB, WSD-Scan(IPv4, IPv6), FTP-Scan, iFAX
	TCP/IP Application Services:
	Bonjour(mDNS), HTTP, HTTPS, POP before SMTP (IPv4,IPv6)
	DHCP, ARP+PING, Auto IP, WINS (IPv4)
	DHCPv6 (IPv6)
	Management:SNMPv1, SNMPv3 (IPv4,IPv6)
	Security (wired):
	IP/Mac address filtering, IEEE802.1X, SNMPv3, SSL (HTTPS, IPPS)
	Security (wireless):
	Infrastructure Mode:
	WEP(64/128 bit), WPA-PSK(TKIP/AES), WPA2-PSK(TKIP/AES)
	Access Point Mode:
	WPA2-PSK(AES)
Software and printer management	MF641Cw/MF643Cdw:
	MF Scan Utility,
	Remote User Interface (RUI),
	Department ID Management,
	Toner Status Tool,
	iW Management Console: Server-based software for centralised management of a fleet
	of devices
	eMaintenance: embedded RDS allows remote eMaintenance services such as meter
	capture, automatic consumables management and remote diagnostics.
	Application Library
	MF645Cx:
	MF Scan Utility,
	Remote User Interface (RUI),
	Department ID Management,
	Toner Status Tool,
	iW Management Console: Server-based software for centralised management of a fleet
	of devices
	eMaintenance: embedded RDS allows remote eMaintenance services such as meter
	capture, automatic consumables management and remote diagnostics.
	Universal Log-in Manager / uniFLOW online / uniFLOW online Express / uniFLOW
	Compatibility
	Application Library

GENERAL FEATURES

Recommended Monthly Print Volume	250 - 2,500 pages per month
Duty cycle	Max. 30,000 pages per month[7]
Processor Speed	800MHz x 2
Memory	1GB
Control panel	12.7 cm LCD Colour Touch Screen
Dimensions with trays	MF641Cw: 451 mm x 460 mm x 360 mm
(W x D x H)	MF643Cdw/MF645Cx: 451 mm x 460 mm x 413 mm
Installation space	MF641Cw: 651 mm x 1,210 mm x 680 mm
(W x D x H)	MF643Cdw/MF645Cx: 651 mm x 1,210 mm x 789 mm
Weight	MF641Cw: Approx. 18.9 Kg
	MF643Cdw/MF645Cx: Approx. 22.6 Kg
Operating environment	Temperature: 10 to 30°C (50 to 86°F)
	Humidity: 20 to 80% RH (no condensation)
Power Source	220-240V(±10%) 50/60Hz (±2Hz)
Power Consumption	Maximum: Approx. 850 W
	Active printing: Approx. 370W
	Standby: Approx. 11.0 W
	Sleep mode: Approx. 0.8 W
	Typical Electricity Consumption (TEC):
	i-SENSYS MF641Cw = 0.5 kWh/week[11]
	i-SENSYS MF643Cdw / MF645Cx = 0.6 kWh/week[11]
	For detailed information relating to Lot26 regulation, please go to: http://www.
	canon-europe.com/For_Work/Lot26/index.aspx
Noise Levels	MF641Cw:
	Sound Pressure[8] :
	Active: 49 dB, Standby: Inaudible
	Sound Power[8]:
	Active: 64dB or less, Standby: Inaudible
	MF643Cdw/MF645Cx:
	Sound Pressure[8] :
	Active: Simplex 51 dB / Duplex 50 dB, Standby: Inaudible
	Sound Power[8]:
	Active: Simplex 65dB or less / Duplex 67 dB or less, Standby: Inaudible

CONSUMABLES

Cartridges	Cartridge 054 Black (1,500 pages [9])[10]
	Cartridge 054 H Black (3,100 pages [9])[10]
	Cartridge 054 Cyan (1,200 pages [9])[10]
	Cartridge 054 H Cyan (2,300 pages [9])[10]
	Cartridge 054 Magenta (1,200 pages [9])[10]
	Cartridge 054 H Magenta (2,300 pages [9])[10]
	Cartridge 054 Yellow (1,200 pages [9])[10]
	Cartridge 054 H Yellow (2,300 pages [9])[10]

ACCESSORIES/OPTIONS

Items	MF645Cx: TEL 6 Kit Long Cord (Telephone handset)
	Barcode Printing Kit-E1E
	MiCard Attachment Kit-B1
	Send PDF Security Feature Set-E1

Notes:
[1] Commands supported only. Third party driver or direct printing from application required.
[2] Accessory - Barcode Printing Kit-E1E - is required
[3] Accessory - Send PDF Security Feature Set-E1 is required
[4] Scan by MF Scan Utility or Canon PRINT Business
[5] Based on ITU-T Standard Chart No. 1
[6] Web distribution only. Linux support printing only.
[7] Duty cycle is defined as the maximum number of printed pages for a single peak month. Any usage above the recommended duty cycle may decrease the life of the product
[8] Declared noise emission in accordance with ISO 9296
[9] Based on ISO/IEC 19798
[10] Printer ships with Black: 1,500 pages, C/M/Y: 680 pages starter cartridges
[11] As per US ENERGY STAR® version2.0.

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Multi-function colour printers that are durable, reliable and fast. Extensive mobile connectivity options maximise productivity

PRODUCT DETAILS:

PRODUCT NAME	Mercury Code	EAN Code
i-SENSYS MF641Cw	3102C015AA	4549292121964
i-SENSYS MF643Cdw	3102C008AA	4549292121896
i-SENSYS MF645Cx	3102C001AA	4549292121827

ACCESSORIES:

PRODUCT NAME	Mercury Code	EAN Code
MiCard Attachment kit-B1	5146B002AA	4549292027235
Barcode Printing Kit-E1E	5143B002AA	N/A (e-delivery)
Send PDF Security Feature Set-E1	9594B002AA	N/A (e-delivery)
Telephone 6 Kit EU (CW)	0752A054AA	4960999453910
Telephone 6 Kit UK (CW)	0752A053AA	4960999453897
Telephone 6 Kit SA (CW)	0752A055AA	4960999453927

CONSUMABLES:

PRODUCT NAME	Mercury Code	EAN Code
Cartridge 054 Black	3024C002AA	4549292124453
Cartridge 054 H Black	3028C002AA	4549292124576
Cartridge 054 Yellow	3021C002AA	4549292124361
Cartridge 054 H Yellow	3025C002AA	4549292124484
Cartridge 054 Magenta	3022C002AA	4549292124392
Cartridge 054 H Magenta	3026C002AA	4549292124514
Cartridge 054 Cyan	3023C002AA	4549292124422
Cartridge 054 H Cyan	3027C002AA	4549292124545