

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

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.

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.



CONTROL
Universal Login Manager



MOBILE PRINTING
From smartphones or tablets



Touch Panel

INTUITIVECONTROLS
12.7cm touchscreen



APPLICATION LIBRARY
customisable on screen application



SECURITY
PIN document release



PRODUCTIVITY
Automatic double-sided printing

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.

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).

Canon

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

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.

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

TECHNICAL SPECIFICATIONS

i-SENSYS MF640 Series

Machine type	Colour Laser All-In-One	Media sizes	Cassette : 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. 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
Available functions	MF641Cw/MF643Cdw: Print, Copy and Scan MF645Cx: Print, Copy, Scan and Fax	Media weights	Cassette: 60 to 163 g/m ² (Up to 200 g/m ² with Glossy paper) Multi-purpose tray: 60 to 163 g/m ² (Up to 200 g/m ² with Glossy paper) ADF: 50 to 105 g/m ² (MF643Cdw/MF645Cx) 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/m ²
PRINTER		Double sided printing	
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) Colour laser beam printing 600 x 600 dpi Up to 1200 x 1200 dpi	INTERFACE & SOFTWARE	
Printing method	Approx. 13 seconds or less from power on Colour approx.: 10.5 seconds or less Mono approx.: 10.4 seconds or less	Interface type	USB 2.0 Hi-Speed, 10BASE-T/100BASE-TX/1000Base-T, Wireless 802.11b/g/n, Wireless Direct Connection 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® 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) 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
Print resolution	600 x 600 dpi	Operating System compatibility	
Print quality with Image Refinement Technology		Network Protocol	
Warm-up time	Approx. 13 seconds or less from power on Colour approx.: 10.5 seconds or less Mono approx.: 10.4 seconds or less	Software and printer management	
First Print Out Time	Approx. 13 seconds or less from power on Colour approx.: 10.5 seconds or less Mono approx.: 10.4 seconds or less		
Printer languages	MF641Cw: UFR II MF643Cdw: UFR II, PCL 5c, PCL 6 MF645Cx: UFR II, PCL 5c, PCL 6, Adobe® PostScript MF643Cdw: 45 PCL fonts MF645Cx: 93 PCL fonts 136 PostScript fonts		
Fonts	5 mm-top, bottom, left and right 10 mm-top, bottom, left and right (Envelope) Yes MF641Cw/MF643Cdw: Secure Print, Print from USB memory key (JPEG/TIFF/PDF) Barcode Print ¹ , 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		
Print margins			
Toner saved mode			
Advanced printing features			
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 Up to 600 x 600 dpi Text/Photo/Map (Default), Text/Photo/Map (quality), Printed Image, Text MF643Cdw: 1-sided to 2-sided (Automatic), MF645Cx: 2-sided to 2-sided (Automatic) Up to 999 copies 25-400% in 1% increments Frame Erase, Collate, 2 on 1, 4 on 1, ID card copy		
Copy resolution			
Copy modes			
Double sided copying			
Multiple copy			
Reduction / Enlargement			
Other features			
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) 24 bit/24 bit (input/output) 256 levels TWAIN, WIA, ICA Z16mm MF641Cw/MF643Cdw: TIFF/JPEG/PDF/Compact PDF/ Searchable PDF MF645Cx: TIFF/JPEG/PDF/Compact PDF/Searchable PDF/Encrypted PDF ¹ /PDF (Digital signature) ² MF641Cw/MF643Cdw: TIFF/JPEG/PDF/Compact PDF/ Searchable PDF MF645Cx: TIFF/JPEG/PDF/Compact PDF/Searchable PDF/Encrypted PDF ¹ /PDF (Digital signature) ² MF641Cw/MF643Cdw: TIFF/JPEG/PDF/Compact PDF/ Searchable PDF MF645Cx: TIFF/JPEG/PDF/Compact PDF/Searchable PDF/Encrypted PDF ¹ /PDF (Digital signature) ² MF641Cw/MF643Cdw: TIFF/JPEG/PDF/Compact PDF/ Searchable PDF MF645Cx: TIFF/JPEG/PDF/Compact PDF/Searchable PDF/Encrypted PDF ¹ /PDF (Digital signature) ² TIFF/JPEG/PDF/PNG ⁴ MF645Cx: ITU-T.37		
Colour scanning depth			
Greyscale			
Compatibility			
Max. scan width			
Scan to E-mail			
Scan to PC			
Scan to USB memory key			
Scan to FTP			
Scan to Cloud			
IFAX			
FAX			
Modem speed			
Receive mode			
Fax resolution			
FAX memory			
Speed dials			
Group dials/destinations			
Sequential/broadcast			
Memory backup			
Double sided faxing			
Other features			
MEDIA HANDLING			
Scanner type	MF641Cw: Platen MF643Cdw: Platen, ADF MF645Cx: Platen, 2-sided ADF (single pass) MF641Cw: 250-sheet cassette 1-sheet manual feed slot MF643Cdw/MF645Cx: 250-sheet cassette 1-sheet manual feed slot 50-sheet ADF	Noise Levels	250 - 2,500 pages per month Max. 30,000 pages per month ⁷ 800MHz x 2 1GB 12.7 cm LCD Colour Touch Screen MF641Cw: 451 mm x 460 mm x 360 mm MF643Cdw/MF645Cx: 451 mm x 460 mm x 413 mm MF641Cw: 651 mm x 1,210 mm x 680 mm MF643Cdw/MF645Cx: 651 mm x 1,210 mm x 789 mm MF641Cw: Approx. 18.9 Kg MF643Cdw/MF645Cx: Approx. 22.6 Kg Temperature: 10 to 30°C (50 to 86°F) Humidity: 20 to 80% RH (no condensation) 220-240V(±10%) 50/60Hz (±2Hz) 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 ⁸ i-SENSYS MF643Cdw / MF645Cx = 0.6 kWh/week ⁸ For detailed information relating to Lot26 regulation, please go to: http://www.canon-europe.com/For_Work/Lot26/index.aspx MF641Cw: Sound Pressure ⁹ : Active: 49 dB, Standby: Inaudible Sound Power ⁹ : Active: 64dB or less, Standby: Inaudible MF643Cdw/MF645Cx: Sound Pressure ⁹ : Active: Simplex 51 dB / Duplex 50 dB, Standby: Inaudible Sound Power ⁹ : Active: Simplex 65dB or less / Duplex 67 dB or less, Standby: Inaudible
Paper input (Standard)		Power Source	
		Power Consumption	
Paper input (Option)		Operating environment	
Paper output			
Media types	100-sheet Plain paper, Recycled paper, Heavy Paper, Thin paper, Colour paper, Glossy paper, Label, Post card, Envelope	Power Source	
		Power Consumption	
		Operating environment	
		CONSUMABLES	
		Cartridges	Cartridge 054 Black (1,500 pages ¹⁰) Cartridge 054 H Black (3,100 pages ¹⁰) Cartridge 054 Cyan (1,200 pages ¹⁰) Cartridge 054 H Cyan (2,300 pages ¹⁰) Cartridge 054 Magenta (1,200 pages ¹⁰) Cartridge 054 H Magenta (2,300 pages ¹⁰) Cartridge 054 Yellow (1,200 pages ¹⁰) Cartridge 054 H Yellow (2,300 pages 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

^[8] duty cycle may decrease the life of the product.

^[9] Declared noise emission in accordance with ISO 9296

^[10] Based on ISO/IEC 19798

^[11] Printer ships with Black: 1,500 pages, C/M/Y: 680 pages starter cartridges

^[12] As per US ENERGY STAR® version2.0.

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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

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