

# 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

<b>Machine type</b>	Colour Laser All-In-One
<b>Available functions</b>	MF641Cw/MF643Cdw: Print, Copy and Scan MF645Cx: Print, Copy, Scan and Fax
<b>PRINTER</b>	
<b>Print speed</b>	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
<b>Printing method</b>	Approx. 13 seconds or less from power on Colour approx.: 10.5 seconds or less
<b>Print resolution</b>	Mono approx.: 10.4 seconds or less
<b>Print quality with Image Refinement Technology</b>	MF641Cw: UFR II
<b>Warm-up time</b>	MF643Cdw: UFR II, PCL 5c, PCL 6
<b>First Print Out Time</b>	MF645Cx: UFR II, PCL 5c, PCL 6, Adobe® PostScript
<b>Printer languages</b>	MF643Cdw: 45 PCL fonts MF645Cx: 93 PCL fonts 136 PostScript fonts
<b>Fonts</b>	5 mm-top, bottom, left and right 10 mm-top, bottom, left and right (Envelope)
<b>Print margins</b>	Yes
<b>Toner saved mode</b>	MF641Cw/MF643Cdw:
<b>Advanced printing features</b>	Secure Print, Print from USB memory key (JPEG/TIFF/PDF) Barcode Print <sup>2</sup> , 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 <sup>2</sup> , Google Cloud Print Ready iOS: AirPrint, Canon PRINT Business app Android; Mopria certified, Canon Print Service Plug-in, Canon PRINT Business app
<b>COPIER</b>	
<b>Copy speed</b>	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
<b>First Copy Output Time (FCOT)</b>	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
<b>Copy resolution</b>	Frame Erase, Collate, 2 on 1, 4 on 1, ID card copy
<b>Copy modes</b>	
<b>Double sided copying</b>	
<b>Multiple copy</b>	
<b>Reduction / Enlargement</b>	
<b>Other features</b>	
<b>SCANNER</b>	
<b>Type</b>	Colour
<b>Scan resolution</b>	Optical: Up to 600 x 600 dpi, Enhanced: Up to 9600 x 9600 dpi
<b>Scan speed</b>	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
<b>Colour scanning depth</b>	216nm
<b>Greyscales</b>	MF641Cw/MF643Cdw: TIFF/JPEG/PDF/Compact PDF/ Searchable PDF
<b>Compatibility</b>	MF645Cx: TIFF/JPEG/PDF/Compact PDF/Searchable PDF/Encrypted PDF <sup>1</sup> /PDF (Digital signature) <sup>3</sup>
<b>Max. scan width</b>	MF641Cw/MF643Cdw: TIFF/JPEG/PDF/Compact PDF/ Searchable PDF
<b>Scan to E-mail</b>	MF645Cx: TIFF/JPEG/PDF/Compact PDF/Searchable PDF/Encrypted PDF <sup>1</sup> /PDF (Digital signature) <sup>3</sup>
<b>Scan to PC</b>	MF641Cw/MF643Cdw: TIFF/JPEG/PDF/Compact PDF/ Searchable PDF
<b>Scan to USB memory key</b>	MF645Cx: TIFF/JPEG/PDF/Compact PDF/Searchable PDF/Encrypted PDF <sup>1</sup> /PDF (Digital signature) <sup>3</sup>
<b>Scan to FTP</b>	MF641Cw/MF643Cdw: TIFF/JPEG/PDF/Compact PDF/ Searchable PDF
<b>Scan to Cloud</b>	MF645Cx: TIFF/JPEG/PDF/Compact PDF/Searchable PDF/Encrypted PDF <sup>1</sup> /PDF (Digital signature) <sup>3</sup>
<b>IFAX</b>	MF641Cw/MF643Cdw: TIFF/JPEG/PDF/PNG <sup>4</sup> MF645Cx: ITU-T.37
<b>FAX</b>	
<b>Modem speed</b>	<b>MF645CX ONLY</b> 33.6 Kbps (Up to 3 seconds/page <sup>5</sup> )
<b>Receive mode</b>	Fax only, Fax/Tel Auto Switch, Answer Mode, Manual
<b>Fax resolution</b>	Standard: 200 x 100 dpi, Fine: 200 x 200 dpi Super fine: 200 x 400 dpi, Ultra fine: 400 x 400 dpi Up to 512 pages <sup>5</sup> Up to 281 dials Max. 299 dials / Max. 299 destinations Max. 310 destinations
<b>FAX memory</b>	Permanent fax memory backup (Backup with flash memory)
<b>Speed dials</b>	Yes (Transmit and Receive)
<b>Group dials/destinations</b>	Fax Forwarding, Dual Access, Remote Reception, PC Fax (TX only) DRPD, ECM, Auto
<b>Sequential/broadcast</b>	Redial, Fax Activity Reports, Fax Activity Result Reports, Fax Activity Management
<b>Memory backup</b>	Reports
<b>Double sided faxing</b>	
<b>Other features</b>	
<b>MEDIA HANDLING</b>	
<b>Scanner type</b>	MF641Cw: Platen MF643Cdw: Platen, ADF MF645Cx: Platen, 2-sided ADF (single pass)
<b>Paper input (Standard)</b>	MF641Cw: 250-sheet cassette 1-sheet manual feed slot MF643Cdw/MF645Cx: 250-sheet cassette 1-sheet manual feed slot 50-sheet ADF
<b>Paper input (Option)</b>	
<b>Paper output</b>	100-sheet
<b>Media types</b>	Plain paper, Recycled paper, Heavy Paper, Thin paper, Colour paper, Glossy paper, Label, Post card, Envelope

<b>Media sizes</b>	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
<b>Media weights</b>	Cassette: 60 to 163 g/m <sup>2</sup> (Up to 200 g/m <sup>2</sup> with Glossy paper) Multi-purpose tray: 60 to 163 g/m <sup>2</sup> (Up to 200 g/m <sup>2</sup> with Glossy paper) ADF: 50 to 105 g/m <sup>2</sup> (MF643Cdw/MF645Cx)
<b>Double sided printing</b>	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 <sup>2</sup>
<b>INTERFACE &amp; SOFTWARE</b>	
<b>Interface type</b>	USB 2.0 Hi-Speed, 10BASE-T/100BASE-TX/1000Base-T, Wireless 802.11b/g/n, Wireless Direct Connection Windows <sup>®</sup> 10 / Windows <sup>®</sup> 8.1 / Windows <sup>®</sup> 7 / Server <sup>®</sup> 2016 / Server <sup>®</sup> 2012R2 / Server <sup>®</sup> 2012 / Server <sup>®</sup> 2008R2 / Server <sup>®</sup> 2008 / Mac OS X version 10.9.5 & up / Mac OS 10.14 & up Linux <sup>®</sup> 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
<b>Operating System compatibility</b>	
<b>Network Protocol</b>	
<b>Software and printer management</b>	
<b>GENERAL FEATURES</b>	
<b>Recommended Monthly Print Volume</b>	250 - 2,500 pages per month
<b>Duty cycle</b>	Max. 30,000 pages per month <sup>7</sup>
<b>Processor Speed</b>	800MHz x 2
<b>Memory</b>	1GB
<b>Control panel</b>	12.7 cm LCD Colour Touch Screen
<b>Dimensions with trays</b>	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
<b>(W x D x H)</b>	MF643Cdw/MF645Cx: 651 mm x 1,210 mm x 789 mm
<b>Installation space</b>	MF641Cw: Approx. 18.9 Kg MF643Cdw/MF645Cx: Approx. 22.6 Kg
<b>(W x D x H)</b>	Temperature: 10 to 30°C (50 to 86°F)
<b>Weight</b>	Humidity: 20 to 80% RH (no condensation) 220-240V(±10%) 50/60Hz (±2Hz) Maximum: Approx. 850 W
<b>Operating environment</b>	Active printing: Approx. 370W Standby: Approx. 11.0 W Sleep mode: Approx. 0.8 W
<b>Power Source</b>	Typical Electricity Consumption (TEC): i-SENSYS MF641Cw = 0.5 kWh/week <sup>8</sup>
<b>Power Consumption</b>	i-SENSYS MF643Cdw / MF645Cx = 0.6 kWh/week <sup>8</sup> For detailed information relating to Lot26 regulation, please go to: <a href="http://www.canon-europe.com/For_Work/Lot26/index.aspx">http://www.canon-europe.com/For_Work/Lot26/index.aspx</a>
<b>Noise Levels</b>	MF641Cw: Sound Pressure <sup>9</sup> : Active: 49 dB, Standby: Inaudible Sound Power <sup>9</sup> : Active: 64dB or less, Standby: Inaudible MF643Cdw/MF645Cx: Sound Pressure <sup>9</sup> : Active: Simplex 51 dB / Duplex 50 dB, Standby: Inaudible Sound Power <sup>9</sup> : Active: Simplex 65dB or less / Duplex 67 dB or less, Standby: Inaudible
<b>CONSUMABLES</b>	
<b>Cartridges</b>	Cartridge 054 Black (1,500 pages <sup>10</sup> ) Cartridge 054 H Black (3,100 pages <sup>10</sup> ) Cartridge 054 Cyan (1,200 pages <sup>10</sup> ) Cartridge 054 H Cyan (2,300 pages <sup>10</sup> ) Cartridge 054 Magenta (1,200 pages <sup>10</sup> ) Cartridge 054 H Magenta (2,300 pages <sup>10</sup> ) Cartridge 054 Yellow (1,200 pages <sup>10</sup> ) Cartridge 054 H Yellow (2,300 pages <sup>10</sup> )
<b>ACCESSORIES/OPTIONS</b>	
<b>Items</b>	MF645Cx: TEL 6 Kit Long Cord (Telephone handset) Barcode Printing Kit-E1E MiCard Attachment Kit-B1 Send PDF Security Feature Set-E1

**Notes:**  
<sup>(1)</sup> Commands supported only. Third party driver or direct printing from application required.  
<sup>(2)</sup> Accessory - Barcode Printing Kit-E1E - is required  
<sup>(3)</sup> Accessory - Send PDF Security Feature Set-E1 is required  
<sup>(4)</sup> Scan by MF Scan Utility or Canon PRINT Business  
<sup>(5)</sup> Based on ITU-T Standard Chart No. 1  
<sup>(6)</sup> Web distribution only. Linux support printing only.  
<sup>(7)</sup> 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.  
<sup>(8)</sup> Declared noise emission in accordance with ISO 9296  
<sup>(9)</sup> Based on ISO/IEC 19798  
<sup>(10)</sup> Printer ships with Black: 1,500 pages, C/M/Y: 680 pages starter cartridges  
<sup>(11)</sup> As per US ENERGY STAR<sup>®</sup> version2.0.



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

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

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