

# FAST AND EFFICIENT MULTIFUNCTIONAL BLACK AND WHITE LASER PRINTERS



## i-SENSYS MF440 series

**Get your small or medium-sized business up to speed with these compact and multifunctional black and white laser printers**



**CONTROL**  
Universal Login Manager  
(MF446x & MF449x)



**FAST PRINT SPEED**  
38ppm single sided A4



Touch Panel

**INTUITIVE CONTROLS**  
12.7cm touchscreen



**APPLICATION LIBRARY**  
Customisable on screen application



**SECURITY**  
PIN document release



**PRODUCTIVITY**  
Double-sided printing

## Workflow efficiency

Meet ambitious business demands with a robust and reliable printer with fast production times. This series delivers prints at speeds of up to 38ppm in A4 and offers double-sided printing as standard. Double-sided single-pass scanning will keep your workflow at a premium too.

## Tailor-made

Tighten efficiency with the Application Library. On-screen buttons automate and speed up everyday tasks, including printing stored forms, scanning to email and copying documents so that they can be accessed with just a single tap of a button. The standby display can also be customised to suit you and your business needs.

## Seamless connectivity

Take control on the move with smooth mobile connectivity. Print wirelessly from smartphones or tablets with the Canon PRINT Business app or get printing straightaway without an app thanks to AirPrint (iOS) and Mopria (Android) compatibility.

## Security and control

Put security first with secure PIN print, which restricts people from viewing confidential documents. Even greater security is offered via the Universal Login Manager (ULM) with MF446x and MF449x, which provides user authentication for greater privacy.

## High quality

Whether you are printing a sales presentation or a small document for internal use, this series ensures prints are always high-quality thanks to improved toner cartridges, which now come with Auto Seal Removal.

# Canon

RANGE FEATURE STEP UP CHART



Fax		●		●
A4 print speed	38ppm	38ppm	38ppm	38ppm
Display	12.7cm Colour Touch Screen	12.7cm Colour Touch Screen	12.7cm Colour Touch Screen	12.7cm Colour Touch Screen
Secure PIN print	●	●	●	●
Auto Duplex Print	●	●	●	●
ULM/uniFLOW compatibility			●	●
Application Library	●	●	●	●
Single pass duplex scan	●	●	●	●
Wi-Fi	●	●	●	●

OPTIONAL ACCESSORIES

Cassette Feeding Module AH1

- Additional 550 sheet paper cassette, 1 unit can be added to main unit

Telephone 6 Kit (available on MF445dw & MF449x)

- Optional telephone handset for fax function

Barcode Printing Kit-E1E (available on MF446x & MF449x)

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

Send PDF Security Feature Set-E1 (available on MF446x & MF449x)

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



TECHNICAL SPECIFICATIONS

Machine type	Mono Laser All-In-One
Available functions	MF443dw/MF446x: Print, Copy, Scan MF446x/MF449x: Print, Copy, Scan and Fax
<b>PRINTER</b>	
Print speed	Single sided : Up to 38 ppm (A4) Up to 63.1 ppm(A5-Landscape) Double sided : Up to 31.9 ipm (A4)
Printing method	Monochrome 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. 14 seconds or less from power on
First Print Out Time	Approx: 5.5 seconds or less
Printer languages	UFR II, PCL 5c, PCL6, Adobe® PostScript
Fonts	MF443dw: 45 PCL fonts MF445dw: 45 PCL fonts 136 PostScript fonts MF446x/MF449x: 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	MF443dw/MF445dw: Secure Print Print from USB memory key (JPEG/TIFF/PDF) Google Cloud Print Ready iOS: AirPrint, Canon PRINT Business app Android: Mopria certified, Canon PRINT Business app, Canon Print Service Plug-in  MF446x/MF449x: 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 Business app, Canon Print Service Plug-in
<b>COPIER</b>	
Copy speed	Single sided (A4): Up to 38 ppm Double sided (A4): Up to 30.3 ipm
First Copy Output Time (FCOT)	ADF (A4): Approx. 6.6 seconds or less Platen (A4): Approx. 6.4 seconds or less
Copy resolution	Up to 600 x 600 dpi
Copy modes	Text, Text/Photo (Default),Text/Photo (High Quality), Photo
Double sided copying	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
<b>SCANNER</b>	
Type	Colour
Scan resolution	Optical: Up to 600 x 600 dpi Enhanced: Up to 9600 x 9600 dpi
Scan speed	Single sided mono: 38ipm (300x600dpi) Single sided colour: 13ipm (300x600dpi) Double sided mono: 70ipm (300x600dpi) Double sided colour: 26ipm (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	MF443dw/MF445dw: TIFF/JPEG/PDF/Compact PDF/Searchable PDF MF446x/449x: TIFF/JPEG/PDF/Compact PDF/Searchable PDF/ Encrypted PDF <sup>7</sup> /PDF (Digital signature) <sup>5</sup>
Scan to PC	
Scan to USB memory key	
Scan to FTP	
Scan to Cloud	TIFF/JPEG/PDF/PNG <sup>4</sup>
iFAX	ITU-T.37
<b>FAX</b>	
Modem speed	<b>MF445dw/MF449x only</b> 33.6 Kbps (Up to 3 seconds/page <sup>6</sup> )
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 <sup>5</sup>
Speed dials	Up to 281dials
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
<b>MEDIA HANDLING</b>	
Scanner type	Platen, 2-sided ADF (single pass)
Paper input (Standard)	250-sheet cassette 100-sheet multi-purpose tray 50-sheet ADF
Paper input (Option)	550-sheet cassette
Paper output	150-sheet
Media types	Plain paper, Recycled paper, Heavy Paper, Thin paper, Label, Post card, Envelope
Media sizes	Cassette (Standard and optional): A4, A5, A5 (Landscape), A6, B5, Legal, Letter, Executive, Statement, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, GLGL, Foolsap, 16K, Custom sizes: Min. 105 x 148 mm Max. 216.0 x 355.6 mm.  Multi-purpose tray: A4, A5, A5 (Landscape), A6, B5, Legal, Letter, Executive, Statement, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, GLGL, Foolsap, 16K, Indexcard, Envelope (COM10, Monarch, C5, DL), Custom sizes: Min 76.2 x 127 mm Max. 216.0 x 355.6 mm.  ADF: A4, A5, A6, B5, Legal, Letter, Statement, Custom sizes: Min. 105 x 128 mm Max 215.9 x 355.6 mm  Cassette (standard and optional): 60 to 120 g/m <sup>2</sup> Multi-purpose tray: 60 to 163 g/m <sup>2</sup> +AC57 ADF: 50 to 105 g/m <sup>2</sup>  A4, Legal, Letter, OFFICIO, B-OFFICIO, M-OFFICIO, GLGL, Foolsap Custom size - Min. 210 x 279.4 mm Max. 216.0 x 355.6 mm 60 to 120 g/m <sup>2</sup>
Media weights	
Double sided printing	
<b>INTERFACE &amp; SOFTWARE</b>	
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® 2019 / Server® 2016 /Server® 2012R2 / Server® 2012 / Server® 2008R2 / Server® 2008 Mac OS X version 10.9.5 & up / Mac OS 10.14 & up Linux <sup>8</sup>
Network Protocol	Print: LPD, RAW, Port9100, IPP, IPPS, WSD (IPv4,IPv6) 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): WEP(64/128 bit), WPA-PSK(TKIP/AES), WPA2-PSK(AES) Infrastructure Mode: WEP(64/128 bit), WPA-PSK(TKIP/AES), WPA2-PSK(TKIP/AES) Access Point Mode: WPA2-PSK(AES)
Software and printer management	MF443dw/MF445dw: 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  MF446x/MF449x: 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>GENERAL FEATURES</b>	
Recommended Monthly Print Volume	750 - 4,000 pages per month
Duty cycle	Max. 80,000 pages per month <sup>7</sup>
Processor Speed	800MHz x 2
Memory	1GB
Control panel	12.7 cm LCD Colour Touch Screen
Dimensions with trays (W x D x H)	453 mm x 464 mm x 392 mm



TECHNICAL  
SPECIFICATIONS

i-SENSYS MF440 Series

Installation space (W x D x H)	682 mm x 1,083 mm x 895 mm
Weight	Approx. 17.2 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. 1,370 W Standby: Approx. 9.4 W Sleep mode: Approx. 0.9 W Typical Electricity Consumption (TEC): 1.0 kWh/week (230V) <sup>[2]</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>
Noise Levels	Sound Pressure <sup>[8]</sup> : Active: 53 dB Standby: Inaudible <sup>[9]</sup>  Sound Power <sup>[8]</sup> : Active: 72.2 dB Standby: Inaudible <sup>[9]</sup>
CONSUMABLES	
Cartridges	Cartridge 057 (3,100 pages <sup>[10]</sup> ) <sup>[1]</sup> Cartridge 057H (10,000 pages <sup>[10]</sup> ) <sup>[1]</sup>
ACCESSORIES/ OPTIONS	
Items	MF443dw: CST.Feeding Module-AH1 (550-sheet cassette) MF445dw: CST.Feeding Module-AH1 (550-sheet cassette) TEL 6 Kit Long Cord (Telephone handset)  MF446x: CST.Feeding Module-AH1 (550-sheet cassette) Barcode Printing Kit-E1E MiCard Multi (Card reader for identification with RFID or magnetic cards with uniFLOW) Micard Plus (Card reader for identification with RFID or magnetic cards with uniFLOW) MiCard Attachment Kit-B1 Send PDF Security Feature Set-E1  MF449x: CST.Feeding Module-AH1 (550-sheet cassette) TEL 6 Kit Long Cord (Telephone handset) Barcode Printing Kit-E1E MiCard Multi (Card reader for identification with RFID or magnetic cards with uniFLOW) Micard Plus (Card reader for identification with RFID or magnetic cards with uniFLOW) MiCard Attachment Kit-B1 Send PDF Security Feature Set-E1

Notes:

<sup>[1]</sup> A Canon PCL5e driver is not supplied, however PCL5e commands are supported on the device.

<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 app

<sup>[5]</sup> Based on ITU-T Standard Chart No. 1

<sup>[6]</sup> Linux support both printing and scanning  
Available from December 2019.

<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> Inaudible means that the emission sound pressure level for a bystander is lower than absolute standard for background noise in accordance with ISO 7779

<sup>[10]</sup> Based on ISO/IEC 19752

<sup>[11]</sup> Printer ships with Cartridge 057 (3,100 pages)

<sup>[12]</sup> As per US ENERGY STAR® version2.0.



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PRODUCT DETAILS:

PRODUCT NAME	Mercury Code	EAN Code
i-SENSYS MF443dw	3514C008AA	4549292133738
i-SENSYS MF445dw	3514C007AA	4549292133721
i-SENSYS MF446x	3514C006AA	4549292133714
i-SENSYS MF449x	3514C005AA	4549292133707

ACCESSORIES:

PRODUCT NAME	Mercury Code	EAN Code
Cassette Feeding Module-AH1	0732A033AA	4549292092769
Copy Card Reader-F1	4784B001AA	4960999679686
Copy Card Reader Attachment-J1	5140B002AA	4549292027228
Copy Control Interface Kit-C1	5145B001AA	4960999780269
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

CONSUMABLES:

PRODUCT NAME	Mercury Code	EAN Code
Cartridge 057	3009C002AA	4549292136258
Cartridge 057 H	3010C002AA	4549292136289





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English edition  
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