

BOOST YOUR BUSINESS PRODUCTIVITY WITH FAST AND EFFICIENT MULTI-FUNCTIONAL BLACK AND WHITE LASER PRINTERS



i-SENSYS MF450 series

Designed for small to medium businesses or individuals working remotely, the Canon i-SENSYS MF450 Series is compact, efficient, and productive.

Cloud connectivity

Print or scan from the cloud, with one-touch built-in connectivity to cloud storage services, including Google Drive, DropBox, and OneDrive.

Mobile printing

Conveniently print documents from your smartphone or tablet with the Canon PRINT Business app, or via AirPrint (iOS) and Mopria (Android).

Reliable security

Protect your documents with Secure PIN functionality, which restricts printing of sensitive documents, and avoid hacking or virus threats with Verify System at Startup.



CLOUD
CONNECTIVITY



SUPERIOR
EFFICIENCY



MOBILE PRINTING



CUSTOMISED
WORKFLOWS



RELIABLE SECURITY

Superior efficiency

Super-fast print speeds, double-sided single-pass scanning and double-sided printing as standard ensure ultimate productivity.

Customised workflows

Automate everyday tasks such as printing stored forms, scanning to email, and copying documents with on-screen buttons and Canon's Application Library.

Canon

RANGE FEATURE STEP UP CHART



MF453dw



MF455dw

Fax		●
A4 print speed	38ppm	38ppm
Display	12.7cm colour touch screen	12.7cm colour touch screen
Secure PIN print	●	●
Duplex printing	●	●
Built-in cloud connectivity	●	●
Application Library	●	●
Single Pass Duplex Scan	●	●
Wireless connectivity	●	●

TECHNICAL SPECIFICATIONS

i-SENSYS MF450 series

Machine type	Mono Laser All-In-One
Available functions	MF455dw: Print, Copy, Scan and Fax MF453dw: Print, Copy and Scan
PRINTER	
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	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	UFRII, PCL 5e ² , PCL6, Adobe® PostScript ³
Fonts	45 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	Secure Print Print from USB memory key (JPEG/TIFF/PDF) Print from Cloud ¹ (Dropbox, GoogleDrive, OneDrive) (PDF/JPEG) iOS: AirPrint, Canon PRINT Business app Android: Mopria certified, Canon PRINT Business app, Canon Print Service Plug-in
COPIER	
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
SCANNER	
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)
Greyscale	256 levels
Compatibility	TWAIN , WIA, ICA
Max. scan width	216mm
Scan to E-mail	TIFF/JPEG/PDF/Compact PDF/Searchable PDF
Scan to PC	
Scan to USB memory key	
Scan to FTP	
Scan to Cloud¹	TIFF/JPEG/PDF/PNG ³
iFAX	ITU-T.37
FAX	
Modem speed	MF455dw ONLY 33.6 Kbps (Up to 3 seconds/page ⁴)
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 ⁴
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	Sender's Name (TTI), Direct Send, TX Report, Sequential Broadcasting
MEDIA HANDLING	
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, Foolscap, 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, Foolscap, 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

Media weights	Cassette (standard and optional): 60 to 120 g/m ² Multi-purpose tray: 60 to 163 g/m ² ADF: 50 to 105 g/m ²
Double sided printing	A ⁴ , Legal, Letter, OFFICIO, B-OFFICIO, M-OFFICIO, GLGL, Foolscap Custom size - Min. 210 x 279.4 mm Max. 216.0 x 355.6 mm 60 to 120 g/m ²
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 [®] 11 / Windows [®] 10 / Windows [®] 8.1 / Server [®] 2019 / Server [®] 2016 / Server [®] 2012R2 / Server [®] 2012 / Server [®] 2008R2 / Server [®] 2008 Mac OS X version 10.11 & up Linux ⁵
Network Protocol	Print: TCP/IP (LPD/Port9100/IPP/IPPS/WSD) Scan: Push Scan: File: FTP (TCP/IP), SMB3.0 (TCP/IP) E-mail/i-Fax: SMTP (send), POP3 (receive) Pull Scan: TCP/IP Management: SNMPv1, SNMPv3 (IPv4,IPv6) Security: TLS1.3, IPsec, IP/Mac address filtering, IEEE802.1X, SNMPv3, SSL (HTTPS, IPSS) Security (wireless): Infrastructure Mode: WEP(64/128 bit), WPA-PSK(TKIP/AES), WPA2-PSK(TKIP/AES) Access Point Mode: WPA2-PSK(AES) MF Scan Utility, Remote User Interface (RUI), Department ID Management, Toner Status Tool, iW Enterprise 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
Software and printer management	
GENERAL FEATURES	
Recommended Monthly Print Volume	750 - 4,000 pages per month
Duty cycle	Max. 80,000 pages per month ⁶
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
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) 220-240V(±10%) 50/60Hz (±2Hz)
Power Source	
Power Consumption	Maximum: Approx. 1,370 W Standby: Approx. 9.4 W Sleep mode: Approx. 0.9 W Typical Electricity Consumption (TEC): 0.33 kWh/week (230V) ¹¹ For detailed information relating to Lot26 regulation, please go to: http://www.canon-europe.com/For_Work/Lot26/index.aspx
Noise Levels	Sound Pressure ⁷ : Active: 53 dB Standby: Inaudible ⁸ Sound Power ⁷ : Active: 72.2 dB Standby: Inaudible ⁸
CONSUMABLES	
Cartridges	Cartridge 057 (3,100 pages ⁹) ¹⁰ Cartridge 057H (10,000 pages ⁹) ¹⁰
ACCESSORIES/ OPTIONS	
Items	MF455dw: CST.Feeding Module-AHI (550-sheet cassette) TEL 6 Kit Long Cord (Telephone handset) MF453dw: CST.Feeding Module-AHI (550-sheet cassette)
Notes:	
^[1]	Subscription to a third party cloud service is required, and subject to their party terms and conditions.
^[2]	A Canon PCL5e driver is not supplied, however PCL5e commands are supported on the device.
^[3]	Scan by MF Scan Utility or Canon PRINT Business
^[4]	Based on ITU-T Standard Chart No. 1
^[5]	Linux support both printing and scanning
^[6]	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
^[7]	Declared noise emission in accordance with ISO 9296
^[8]	Inaudible means that the emission sound pressure level for a bystander is lower than absolute standard for background noise in accordance with ISO 7779
^[9]	Based on ISO/IEC 19752
^[10]	Printer ships with Cartridge 057 (3,100 pages)
^[11]	As per US ENERGY STAR [®] version3.0.

**PRODUCT DETAILS:**

PRODUCT NAME	Mercury Code	EAN Code
i-SENSYS MF453dw	5161C007BA	4549292186512
i-SENSYS MF455dw	5161C006BA	4549292186505

ACCESSORIES:

PRODUCT NAME	Mercury Code	EAN Code
Cassette Feeding Module-AH1	0732A033AA	4549292092769
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 057	3009C002AA	4549292136258
Cartridge 057 H	3010C002AA	4549292136289

Canon Inc.
canon.com

Canon Europe
canon-europe.com

English edition
© Canon Europa N.V., 2021