

# 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**

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## 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

<b>Machine type</b>	Mono Laser All-In-One
<b>Available functions</b>	MF455dw: Print, Copy, Scan and Fax MF453dw: Print, Copy and Scan
<b>PRINTER</b>	
<b>Print speed</b>	Single sided : Up to 38 ppm (A4) Up to 63.1 ppm(A5-Landscape) Double sided : Up to 31.9 ipm (A4)
<b>Printing method</b>	Monochrome laser beam printing
<b>Print resolution</b>	Up to 1200 x 1200 dpi
<b>Warm-up time</b>	Approx. 14 seconds or less from power on
<b>First Print Out Time</b>	Approx: 5.5 seconds or less
<b>Printer languages</b>	UFRII, PCL 5e <sup>2</sup> , PCL6, Adobe® PostScript <sup>3</sup>
<b>Fonts</b>	45 PCL fonts 136 PostScript fonts
<b>Print margins</b>	5 mm-top, bottom, left and right 10 mm-top, bottom, left and right (Envelope)
<b>Toner saver mode</b>	Yes
<b>Advanced printing features</b>	Secure Print Print from USB memory key (JPEG/TIFF/PDF) Print from Cloud <sup>1</sup> (Dropbox, GoogleDrive, OneDrive) (PDF/JPEG) iOS: AirPrint, Canon PRINT Business app Android: Mopria certified, Canon PRINT Business app, Canon Print Service Plug-in
<b>COPIER</b>	
<b>Copy speed</b>	Single sided (A4): Up to 38 ppm Double sided (A4): Up to 30.3 ipm
<b>First Copy Output Time (FCOT)</b>	ADF (A4): Approx. 6.6 seconds or less Platen (A4): Approx. 6.4 seconds or less
<b>Copy resolution</b>	Up to 600 x 600 dpi
<b>Copy modes</b>	Text, Text/Photo (Default),Text/Photo (High Quality), Photo
<b>Double sided copying</b>	2-sided to 2-sided (Automatic)
<b>Multiple copy</b>	Up to 999 copies
<b>Reduction / Enlargement</b>	25-400% in 1% increments
<b>Other features</b>	Frame Erase, Collate, 2 on 1, 4 on 1, ID card copy
<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>	Single sided mono: 38ipm (300x600dpi) Single sided colour: 13ipm (300x600dpi) Double sided mono: 70ipm (300x600dpi) Double sided colour: 26ipm (300x600dpi)
<b>Colour scanning depth</b>	24 bit/24 bit (input/output)
<b>Greyscales</b>	256 levels
<b>Compatibility</b>	TWAIN , WIA, ICA
<b>Max. scan width</b>	216mm
<b>Scan to E-mail</b>	TIFF/JPEG/PDF/Compact PDF/Searchable PDF
<b>Scan to PC</b>	
<b>Scan to USB memory key</b>	
<b>Scan to FTP</b>	
<b>Scan to Cloud<sup>1</sup></b>	TIFF/JPEG/PDF/PNG <sup>3</sup>
<b>iFAX</b>	ITU-T.37
<b>FAX</b>	
<b>Modem speed</b>	33.6 Kbps (Up to 3 seconds/page <sup>3</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
<b>FAX memory</b>	Up to 512 pages <sup>4</sup>
<b>Speed dials</b>	Up to 281 dials
<b>Group dials/destinations</b>	Max. 299 dials / Max. 299 destinations
<b>Sequential broadcast</b>	Max. 310 destinations
<b>Memory backup</b>	Permanent fax memory backup (Backup with flash memory)
<b>Double sided faxing</b>	Yes (Transmit and Receive)
<b>Other features</b>	Sender's Name (TTI), Direct Send, TX Report, Sequential Broadcasting
<b>MEDIA HANDLING</b>	
<b>Scanner type</b>	Platen, 2-sided ADF (single pass)
<b>Paper input (Standard)</b>	250-sheet cassette 100-sheet multi-purpose tray 50-sheet ADF
<b>Paper input (Option)</b>	550-sheet cassette
<b>Paper output</b>	150-sheet
<b>Media types</b>	Plain paper, Recycled paper, Heavy Paper, Thin paper, Label, Post card, Envelope
<b>Media sizes</b>	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

## i-SENSYS MF450 series

<b>Media weights</b>	Cassette (standard and optional): 60 to 120 g/m <sup>2</sup> Multi-purpose tray: 60 to 163 g/m <sup>2</sup> ADF: 50 to 105 g/m <sup>2</sup>
<b>Double sided printing</b>	A <sup>4</sup> , 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 <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
<b>Operating System compatibility</b>	Windows <sup>®</sup> 11 / Windows <sup>®</sup> 10 / Windows <sup>®</sup> 8.1 / Server <sup>®</sup> 2019 / Server <sup>®</sup> 2016 / Server <sup>®</sup> 2012R2 / Server <sup>®</sup> 2012 / Server <sup>®</sup> 2008R2 / Server <sup>®</sup> 2008 Mac OS X version 10.11 & up Linux <sup>5</sup>
<b>Network Protocol</b>	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 kvanto.com.ua consumables management and remote diagnostics Application Library
<b>Software and printer management</b>	
<b>GENERAL FEATURES</b>	
<b>Recommended Monthly Print Volume</b>	750 - 4,000 pages per month
<b>Duty cycle</b>	Max. 80,000 pages per month <sup>6</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 (W x D x H)</b>	453 mm x 464 mm x 392 mm
<b>Installation space (W x D x H)</b>	682 mm x 1,083 mm x 895 mm
<b>Weight</b>	Approx. 17.2 Kg
<b>Operating environment</b>	Temperature: 10 to 30°C (50 to 86°F) Humidity: 20 to 80% RH (no condensation) 220-240V(±10%) 50/60Hz (±2Hz)
<b>Power Source</b>	
<b>Power Consumption</b>	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) <sup>11</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>	Sound Pressure <sup>7</sup> : Active: 53 dB Standby: Inaudible <sup>8</sup>  Sound Power <sup>7</sup> : Active: 72.2 dB Standby: Inaudible <sup>8</sup>
<b>CONSUMABLES</b>	
<b>Cartridges</b>	Cartridge 057 (3,100 pages <sup>9</sup> ) <sup>10</sup> Cartridge 057H (10,000 pages <sup>9</sup> ) <sup>10</sup>
<b>ACCESSORIES/ OPTIONS</b>	
<b>Items</b>	MF455dw: CST.Feeding Module-AH1 (550-sheet cassette) TEL 6 Kit Long Cord (Telephone handset) MF453dw: CST.Feeding Module-AH1 (550-sheet cassette)
<b>Notes:</b>	
<sup>[1]</sup>	Subscription to a third party cloud service is required, and subject to their party terms and conditions.
<sup>[2]</sup>	A Canon PCL5e driver is not supplied, however PCL5e commands are supported on the device.
<sup>[3]</sup>	Scan by MF Scan Utility or Canon PRINT Business
<sup>[4]</sup>	Based on ITU-T Standard Chart No. 1
<sup>[5]</sup>	Linux support both printing and scanning
<sup>[6]</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>[7]</sup>	Declared noise emission in accordance with ISO 9296
<sup>[8]</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>[9]</sup>	Based on ISO/IEC 19752
<sup>[10]</sup>	Printer ships with Cartridge 057 (3,100 pages)
<sup>[11]</sup>	As per US ENERGY STAR <sup>®</sup> 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

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