

i-SENSYS MF421dw \ MF426dw \ MF428x \ MF429x

RELIABLE, SECURE AND EASY-TO- USE MULTI- FUNCTION PRINTER FOR AN OFFICE OR SME.

The i-SENSYS MF420 series are multi-function printers offering SMEs speed, durability, and quality. Mobile connectivity maximises productivity.



MF426dw



MF428x



MF429x

- Save time with fast print speeds of up to 38ppm
- Increase productivity with double sided single pass scanning
- High quality 1200 x 1200 dpi print resolution
- Easy operation with large colour touch screen
- Improved flexibility with varied media support; A4, A5,A6
- Increase control with the Universal Login Manager (MF428x and MF429x)
- Enhanced security & accounting with uniFLOW (MF428x and MF429x)
- Improve quality & reliability with Canon Genuine all-in-one cartridges
- Application Library allowing automation, added shortcuts and a customised interface
- Secure PIN feature allowing employers and employees maximum control over print jobs

Canon

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OPTIONAL ACCESSORIES

Cassette Feeding Module - AH1

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

Barcode Print Kit- E1 (Available on MF428x & MF429x)

- Installs bar code fonts for bar code printing. This kit, which is delivered boxed, includes a license access certificate for activation.

Barcode Print Kit- E1E (Available on MF428x & MF429x)

- Installs bar code fonts for bar code printing. This kit, which is

delivered electronically, includes a license access certificate for activation.

Send PDF Security Feature Set-E1 (Available on MF428x & MF429x)

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

Telephone 6 Kit Long Cord (Available on MF426dw & MF429x)

- Optional telephone handset for fax function.

TECHNICAL SPECIFICATIONS

Machine type	Mono Laser All-In-One	Modem speed	33.6 Kbps (Up to 3 seconds/page ⁵)
Available functions	MF421dw / MF428x : Print, Copy and Scan MF426dw / MF429x: Print, Copy, Scan and Fax	Receive mode	Fax only, Fax/Tel Auto Switch, Answer Mode, Manual
PRINTER		Fax resolution	Standard: 200 x 100 dpi Fine: 200 x 200 dpi Super fine: 200 x 400 dpi Ultra fine: 400 x 400 dpi
Print speed	Single sided : Up to 38 ppm (A4) Up to 63.1 ppm(A5-Landscape) Double sided : Up to 30.3 ipm (A4)	FAX memory	Up to 512 pages ⁵
Printing method	Monochrome laser beam printing	Speed dials	Up to 281dials
Print quality	Up to 1200 x 1200 dpi	Group dials/destinations	Max. 299 dials / Max. 299 destinations
Print resolution	600 x 600 dpi	Sequential broadcast	Max. 310 destinations
Warm-up time	Approx. 14 seconds or less from power on	Memory backup	Permanent fax memory backup (Backup with flash memory)
First Print Out Time	Approx: 5.5 seconds or less	Double sided faxing	Yes (Transmit and Receive)
Printer languages	MF421dw: UFR II, PCL 5e ¹ , PCL6 MF426dw / MF428x / MF429x: UFR II, PCL 5e ¹ , PCL6, Adobe [®] PostScript	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
Fonts	MF421dw / MF426dw: 45 PCL fonts 136 PostScript fonts MF428x / MF429x: 93 PCL fonts 136 PostScript fonts	MEDIA HANDLING	
Print margins	5 mm-top, bottom, left and right 10 mm-top, bottom, left and right (Envelope)	Scanner type	Platen, 2-sided ADF (single pass)
Toner saver mode	Yes	Paper input (Standard)	250-sheet cassette 100-sheet multi-purpose tray 50-sheet ADF
Advanced printing features	Secure Print Print from USB memory key (JPEG/TIFF/PDF) Barcode Print ² (MF428x, MF429x only) Google Cloud Print Ready iOS: AirPrint, Canon PRINT Business app Android: Mopria certified, Canon PRINT Business app	Paper input (Option)	550-sheet cassette
COPIER		Paper output	150-sheet
Copy speed	Single sided (A4): Up to 38 ppm Double sided (A4): Up to 30.3 ipm	Media types	Plain paper, Recycled paper, Heavy Paper, Thin paper, Label, Post card, Envelope
First Copy Output Time (FCOT)	ADF (A4): Approx. 6.6 seconds or less Platen (A4): Approx. 6.4 seconds or less	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. 215.9 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 (COMIO, Monarch, C5, DL), Custom sizes: Min 76.2 x 127 mm Max. 215.9 x 355.6 mm.
Copy resolution	Up to 600 x 600 dpi	Media weights	ADF: A4, A5, A6, B5, Legal, Letter, Statement, Custom sizes: Min. 105 x 128 mm Max 215.9 x 355.6 mm ² Cassette (standard and optional): 52 to 120 g/m ² Manual purpose tray: 52 to 163 g/m ² ADF: 50 to 105 g/m ²
Copy modes	Text, Text/Photo (Default),Text/Photo (High Quality), Photo	Double sided printing	A4, Legal, Letter, OFFICIO, B-OFFICIO, M-OFFICIO, GLGL, Foolscap Custom size - Min. 210 x 279.4 mm Max. 215.9 x 355.6 mm 60 to 120 g/m ²
Double sided copying	2-sided to 2-sided (Automatic)	INTERFACE & SOFTWARE	
Multiple copy	Up to 999 copies	Interface type	USB 2.0 Hi-Speed, 10BASE-T/100BASE-TX/1000Base-T, Wireless 802.11b/g/n, Wireless Direct Connection
Reduction / Enlargement	25-400% in 1% increments	Operating System compatibility	Windows [®] 10 / Windows [®] 8.1 / Windows [®] 7 / Server [®] 2016 / Server [®] 2012R2 / Server [®] 2012 / Server [®] 2008R2 / Server [®] 2008 Mac OS X version 10.8.5 & up Linux [®]
Other features	Frame Erase, Collate, 2 on 1, 4 on 1, ID card copy	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)
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)		
Greyscales	256 levels		
Compatibility	TWAIN, WIA, ICA		
Max. scan width	216mm		
Scan to E-mail / PC / USB memory key / FTP	TIFF/JPEG/PDF/Compact PDF/Searchable PDF/Encrypted PDF ³ (MF428x, MF429x only)/PDF (Digital signature) ² (MF428x, MF429x only)		
Scan to Cloud	TIFF/JPEG/PDF/PNG ⁴		
iFAX	ITU-T.37		
FAX	MF426dw, MF429x only		

TECHNICAL SPECIFICATIONS

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Software and printer management

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 (MF428x, MF429x only)
uniFLOW online (MF428x, MF429x only)
uniFLOW online Express (MF428x, MF429x only)
uniFLOW Compatibility with embedded uniFLOW Login Device Client (MF428x, MF429x only)

GENERAL FEATURES

Recommended Monthly Print Volume

750 - 4,000 pages per month

Duty cycle

Max. 80,000 pages per month⁷

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. 16.9 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. 1,300 W
Standby: Approx. 10 W
Sleep mode: Approx. 0.9 W
Typical Electricity Consumption (TEC): 1.2 kWh/week (230V)
For detailed information relating to Lot26 regulation, please go to:
http://www.canon-europe.com/For_Work/Lot26/index.aspx

Noise Levels

Sound Pressure⁸: Active: 55 dB
Standby: Inaudible⁹
Sound Power⁸: Active: 72.2 dB
Standby: Inaudible⁹

CONSUMABLES

Cartridges

Cartridge 052 (3,100 pages¹⁰)¹¹
Cartridge 052H (9,200 pages¹⁰)¹¹

Accessories/ options

Items

CST.Feeding Module-AH1 (550-sheet cassette)
TEL 6 Kit Long Cord (Telephone handset) (MF426dw, MF429x only)
Barcode Printing Kit-E1 (MF428x, MF429x only)
Barcode Printing Kit-E1E (MF428x, MF429x only)
MiCard Multi (Card reader for identification with RFID or magnetic cards with uniFLOW) (MF428x, MF429x only)
MiCard Plus (Card reader for identification with RFID or magnetic cards with uniFLOW) (MF428x, MF429x only)
MiCard Attachment Kit-B1 (MF428x, MF429x only)
Send PDF Security Feature Set-E1 (MF428x, MF429x only)

Notes:

¹¹ A Canon PCL5e driver is not supplied, however PCL5e commands are supported on the device.

¹² Accessory - Barcode Printing Kit-E1 or Barcode Printing Kit-E1E - is required

¹³ Accessory - Send PDF Security Feature Set-E1 is required

¹⁴ Scan by MF Scan Utility or Canon PRINT Business app

¹⁵ Based on ITU-T Standard Chart No. 1

¹⁶ Linux support both printing and scanning Available from December 2018.

¹⁷ 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

¹⁸ Declared noise emission in accordance with ISO 9296

¹⁹ Inaudible means that the emission sound pressure level for a bystander is lower than absolute standard for background noise in accordance with ISO 7779

¹⁰ Based on ISO/IEC 19752

¹¹ Printer ships with Cartridge 052 (3,100 pages)

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English edition

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Sales Start Date: April 2018

PRODUCT DETAILS:

Product Name	Mercury Code	EAN Code
i-SENSYS MF421dw	2222C008AA	4549292090413
i-SENSYS MF426dw	2222C007AA	4549292090406
i-SENSYS MF428x	2222C006AA	4549292090390
i-SENSYS MF429x	2222C005AA	4549292090383

ACCESSORIES:

Product Name	Mercury Code	EAN Code
Cassette Feeding Module-AH1	0732A033AA	4549292092769
MiCard Attachment kit-B1	5146B002AA	4549292027235
Barcode Printing Kit-E1	5143B001AA	4960999689951
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 052	2199C002AA	4549292089400
Cartridge 052 H	2200C002AA	4549292089424

EASY SERVICE PLAN:

Product Name	Mercury Code	EAN Code
Installation service	7950A546AA	4960999794426
3-year on-site next day service-Pack C (MF426dw & MF429x)	7950A527AA	4960999793313
3-year on-site next day service-Pack B (MF421dw & MF428x)	7950A526AA	4960999793306