

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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# i-SENSYS MF421dw \ MF426dw \ MF428x \ MF429x

## OPTIONAL ACCESSORIES

### Cassette Feeding Module - AH1

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

### 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

<b>Machine type</b>	Mono Laser All-In-One	<b>Modem speed</b>	33.6 Kbps (Up to 3 seconds/page <sup>5</sup> )
<b>Available functions</b>	MF421dw / MF428x : Print, Copy and Scan MF426dw / MF429x: Print, Copy, Scan and Fax	<b>Receive mode</b>	Fax only, Fax/Tel Auto Switch, Answer Mode, Manual
<b>PRINTER</b>		<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>Print speed</b>	Single sided : Up to 38 ppm (A4) Up to 63.1 ppm(A5-Landscape) Double sided : Up to 30.3 ipm (A4)	<b>FAX memory</b>	Up to 512 pages <sup>5</sup>
<b>Printing method</b>	Monochrome laser beam printing	<b>Speed dials</b>	Up to 281dials
<b>Print quality</b>	Up to 1200 x 1200 dpi	<b>Group dials/destinations</b>	Max. 299 dials / Max. 299 destinations
<b>Print resolution</b>	600 x 600 dpi	<b>Sequential broadcast</b>	Max. 310 destinations
<b>Warm-up time</b>	Approx. 14 seconds or less from power on	<b>Memory backup</b>	Permanent fax memory backup (Backup with flash memory)
<b>First Print Out Time</b>	Approx: 5.5 seconds or less	<b>Double sided faxing</b>	Yes (Transmit and Receive)
<b>Printer languages</b>	MF421dw: UFRII, PCL 5e <sup>1</sup> , PCL6 MF426dw / MF428x / MF429x: UFRII, PCL 5e <sup>1</sup> , PCL6, Adobe <sup>®</sup> PostScript	<b>Other features</b>	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>Fonts</b>	MF421dw / MF426dw: 45 PCL fonts 136 PostScript fonts MF428x / MF429x: 93 PCL fonts 136 PostScript fonts	<b>MEDIA HANDLING</b>	
<b>Print margins</b>	5 mm-top, bottom, left and right 10 mm-top, bottom, left and right (Envelope)	<b>Scanner type</b>	Platen, 2-sided ADF (single pass)
<b>Toner saver mode</b>	Yes	<b>Paper input (Standard)</b>	250-sheet cassette 100-sheet multi-purpose tray 50-sheet ADF
<b>Advanced printing features</b>	Secure Print Print from USB memory key (JPEG/TIFF/PDF) Barcode Print <sup>2</sup> (MF428x, MF429x only) Google Cloud Print Ready iOS: AirPrint, Canon PRINT Business app Android; Mopria certified, Canon PRINT Business app	<b>Paper input (Option)</b>	550-sheet cassette
<b>COPIER</b>		<b>Paper output</b>	150-sheet
<b>Copy speed</b>	Single sided (A4): Up to 38 ppm Double sided (A4): Up to 30.3 ipm	<b>Media types</b>	Plain paper, Recycled paper, Heavy Paper, Thin paper, Label, Post card, Envelope
<b>First Copy Output Time (FCOT)</b>	ADF (A4): Approx. 6.6 seconds or less Platen (A4): Approx. 6.4 seconds or less	<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. 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 (COM10, Monarch, C5, DL), Custom sizes: Min 76.2 x 127 mm Max. 215.9 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
<b>Copy resolution</b>	Up to 600 x 600 dpi	<b>Media weights</b>	Cassette (standard and optional): 52 to 120 g/m <sup>2</sup> multi-purpose tray: 52 to 163 g/m <sup>2</sup> ADF: 50 to 105 g/m <sup>2</sup>
<b>Copy modes</b>	Text, Text/Photo (Default),Text/Photo (High Quality), Photo	<b>Double sided printing</b>	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 <sup>2</sup>
<b>Double sided copying</b>	2-sided to 2-sided (Automatic)	<b>INTERFACE &amp; SOFTWARE</b>	
<b>Multiple copy</b>	Up to 999 copies	<b>Interface type</b>	USB 2.0 Hi-Speed, 10BASE-T/100BASE-TX/1000Base-T, Wireless 802.11b/g/n, Wireless Direct Connection
<b>Reduction / Enlargement</b>	25-400% in 1% increments	<b>Operating System compatibility</b>	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 10.8.5 & up Linux <sup>®</sup>
<b>Other features</b>	Frame Erase, Collate, 2 on 1, 4 on 1, ID card copy	<b>Network Protocol</b>	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)
<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 / PC / USB memory key / FTP</b>	TIFF/JPEG/PDF/Compact PDF/Searchable PDF/Encrypted PDF <sup>3</sup> (MF428x, MF429x only)/PDF (Digital signature) <sup>3</sup> (MF428x, MF429x only)		
<b>Scan to Cloud</b>	TIFF/JPEG/PDF/PNG <sup>4</sup>		
<b>iFAX</b>	ITU-T.37		
<b>FAX</b>	<b>MF426dw, MF429x only</b>		

# TECHNICAL SPECIFICATIONS

# i-SENSYS MF421dw \ MF426dw \ MF428x \ MF429x

## 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 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

### 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](http://www.canon-europe.com/For_Work/Lot26/index.aspx)

### Noise Levels

Sound Pressure<sup>8</sup>: Active: 55 dB  
Standby: Inaudible<sup>9</sup>  
Sound Power<sup>8</sup>: Active: 72.2 dB  
Standby: Inaudible<sup>9</sup>

## CONSUMABLES

### Cartridges

Cartridge 052 (3,100 pages<sup>10</sup>)<sup>11</sup>  
Cartridge 052H (9,200 pages<sup>10</sup>)<sup>11</sup>

### Accessories/ options

#### Items

CST.Feeding Module-AH1 (550-sheet cassette)  
TEL 6 Kit Long Cord (Telephone handset)  
(MF426dw, MF429x only)  
Barcode Printing Kit-EIE (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:

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

<sup>12</sup> Accessory - Barcode Printing Kit-EIE - is required

<sup>13</sup> Accessory - Send PDF Security Feature Set-E1 is required

<sup>14</sup> Scan by MF Scan Utility or Canon PRINT Business app

<sup>15</sup> Based on ITU-T Standard Chart No. 1

<sup>16</sup> Linux support both printing and scanning  
Available from December 2018.

<sup>17</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>18</sup> Declared noise emission in accordance with ISO 9296

<sup>19</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 052 (3,100 pages)



**Canon (UK) Ltd**  
Woodhatch  
Reigate  
Surrey RH2 8BF  
Telephone No: 01737 220000  
Facsimile No: 01737 220022  
canon.co.uk

**Canon Inc.**  
Canon.com

**Canon Europe**  
canon-europe.com

UK English Edition  
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Sales Start Date: April 2018

### PRODUCT DETAILS:

Product Name	Mercury Code	EAN Code
i-SENSYS MF421dw GB	2222C041AA	8714574657042
i-SENSYS MF426dw GB	2222C032AA	8714574656953
i-SENSYS MF428x GB	2222C027AA	8714574656908
i-SENSYS MF429x GB	2222C018AA	8714574656731

### ACCESSORIES:

Product Name	Mercury Code	EAN Code
Cassette Feeding Module-AH1	0732A033AA	4549292092769
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 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