

# Simple yet smart A4 Multifunctional printers ideal for small businesses with flexible workers.

Easily achieve professional-quality results from the smart, simple and compact MF410 series black and white laser Multifunctional printers that offer print, copy, scan and fax\* plus support for mobile devices.



## Work smarter in the office

- Offering professional-quality printing at speeds of up to 33ppm
- Versatile enough to handle all your document needs despite its impressively compact size.
- An intuitive 3.5" colour touch screen
- 300 (MF411dw and MF416dw) or 550-page (MF418x and MF419x) paper capacity to work without interruption.
- Quick First-Print from start-up all help your teams to work more efficiently
- Secure Print function protects your documents with a PIN code, even when you're printing from a mobile device.

## Flexible working

- Support for Apple AirPrint (iOS) and Mopria (Android), your workgroup can print from any enabled device.
- Access a wide range of advanced features with the Canon PRINT Business mobile app.
- Connect the device to a Google Cloud Print account in seconds.
- With NFC Touch & Print users can experience near-instant printing from compatible mobile devices by simply tapping it on the printer's NFC mark (only available on the MF416dw).

## Enhanced document sharing

- Connect seamlessly between the devices and popular cloud storage services like Evernote® and DropBox
- Capture, digitise and share documents on the go - or simply to scan and email in a single operation.

## Smart networking capabilities

- Flexible networking capabilities
- WiFi and Ethernet connectivity
- Support for PCL5e/6 and Adobe PostScript printer languages, enable hassle-free integration into managed network environments.
- With Canon's e-Maintenance remote service management and support for Canon's uniFLOW\*(only available on MF418x and MF419x) output management system make the MF410 series equally well-suited to managed print services environments.

## Simple and sustainable ownership

- Consistent reliability and renewed quality are ensured every time you change your toner thanks to the Canon All-In-One Cartridge design that replaces all key components at once.
- Low energy consumption in Sleep and Standby modes
- Automatic duplex printing to reduce waste
- Smart power-saving Auto Off feature



PRINT



COPY



SCAN



FAX\*



Wi-Fi

•  
Optional Accessories

**Paper Feeder Unit- PF44 (Available on MF411dw and MF416dw)**

- Additional 500 sheet paper cassette, 1 unit can be added to the main unit.

**Cassette Feeding Unit- U1 (Available on MF418x and MF419x)**

- Additional 500 sheet paper cassette, 1 unit can be added to the main unit.

**Plain Pedestal Type- K1**

- Place under the device to increase height when free standing

**MiCard Attachment- B1 (Available on MF418x and MF419x)**

- Required to attach NTware products MiCard PLUS or Mi Card Multi to the device.

**Barcode Print Kit- E1 (Available on MF418x and MF419x)**

- 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 MF418x and MF419x)**

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

**TEL 6 Kit Long Cord**

- Optional handset for fax function.

**Copy Card Reader- F1 (Available on MF418x and MF419x)**

- The card control system simplifies the logon process of Department ID Management.

**Copy Card Reader Attachment- J1 (Available on MF418x and MF419x)**

- This kit is required when attaching the copy card reader and comprises of components to attach the products.

**Control I/F Kit- C1 (Available on MF418x and MF419x)**

- This kit is required to attach 3<sup>rd</sup> party card readers or coin vendor machines to the device.

**i-SENSYS MF411dw and MF416dw**



**Main Unit**

**Main unit + 1  
Paper Feeder  
Unit- PF44**

**i-SENSYS MF418x and MF419x**



**Main Unit**

**Main unit + 1  
Cassette Feeding  
Unit- U1**

# Technical Specifications

<b>Machine type</b>	Mono Laser All-In-One
<b>Available functions</b>	Print, Copy, Scan and Fax* (*MF416dw, MF419x)
<b>Printer</b>	
<b>Print speed</b>	Single sided: Up to 33 ppm (A4) Double sided: Up to 16.8 ipm (A4)
<b>Printing method</b>	Monochrome laser beam printing
<b>Print quality</b>	Up to 1200 x 1200 dpi
<b>Print resolution</b>	600 x 600 dpi
<b>First Print Out Time</b>	Approx: 6.3 seconds or less
<b>Double sided printing</b>	Automatic
<b>Printer languages</b>	UFR II, PCL5e <sup>1</sup> , PCL6, Adobe PostScript
<b>Fonts</b>	45/93 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) Google Cloud Print Ready iOS: AirPrint, Canon PRINT Business app Android: Mopria certified, Canon Print Service Plug-in, Canon PRINT Business app
<b>Copier</b>	
<b>Copy speed</b>	Single sided: Up to 33 ppm (A4) Double sided: Up to 16.8 ipm (A4)
<b>First Copy Output Time (FCOT)</b>	Approx. 10 seconds or less
<b>Copy resolution</b>	Up to 600 x 600 dpi
<b>Copy modes</b>	Text/Photo, Text/Photo (quality), Photo, Text
<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: 33ipm (300x300dpi) Single sided colour: 11ipm (300x300dpi) Double sided mono: 13ipm (300x300dpi) Double sided colour: 7ipm (300x300dpi)
<b>Colour scanning depth</b>	24 bit/24 bit (input/output)
<b>Greyscales</b>	256 levels
<b>Compatibility</b>	TWAIN, WIA
<b>Max. scan width</b>	216 mm
<b>Scan to E-mail</b>	TIFF/JPEG/PDF/Compact PDF/Searchable PDF
<b>Scan to PC</b>	TIFF/JPEG/PDF/Compact PDF/Searchable PDF
<b>Scan to USB memory key</b>	TIFF/JPEG/PDF/Compact PDF/Searchable PDF
<b>Scan to FTP</b>	TIFF/JPEG/PDF/Compact PDF/Searchable PDF
<b>Scan to Cloud</b>	TIFF/JPEG/PDF/PNG <sup>2</sup>
<b>IFAX</b>	ITU-T.37 (MF416dw, MF419x)
<b>Fax (MF416dw, MF419x)</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 Photo: 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>3</sup>
<b>Speed dials</b>	Up to 281 dials
<b>Group dials/destinations</b>	Max. 199 dials / Max. 199 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>	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>	
<b>Scanner type</b>	Flatbed and Automatic Document Feeder (DADF)
<b>Paper input (Standard)</b>	250-sheet cassette (MF411dw, MF416dw) 500-sheet cassette (MF418x, MF419x) 50-sheet multi-purpose tray 50-sheet DADF
<b>Paper input (Option)</b>	500-sheet cassette
<b>Paper output</b>	150-sheet
<b>Media types</b>	Plain paper, Recycled paper, Heavy Paper, Label, Postcard, Envelope
<b>Media sizes</b>	Cassette : A4, A5, 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, B5, Legal, Letter, Executive, Statement, OFFICIO, B-OFFICIO, M-OFFICIO, GLTR, GLGL, Foolscap, 16K, Post card, Indexcard, Envelope (COM10, Monarch, DL, C5), Custom sizes: Min 76.2 x 127 mm Max. 215.9 x 355.6 mm.  ADF: A4, A5, B5, B6, Legal, Letter, Statement, Custom sizes (W x L): Min. 128 x 139.7 mm Max 215.9 x 355.6 mm
<b>Media weights</b>	Cassette: 60 to 128 g/m <sup>2</sup> (optional and standard) Multi-purpose tray: 60 to 163 g/m <sup>2</sup> ADF: 50 to 105 g/m <sup>2</sup>

## 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® 10 / Windows® 8.1 / Windows® 8 / Windows® 7 / Server® 2012R2<sup>2</sup> / Server® 2012<sup>2</sup> / Server® 2008R2<sup>2</sup> / Server® 2008<sup>2</sup> / Server® 2003R2<sup>2</sup> / Server® 2003<sup>2</sup> / Vista Mac OS X version 10.6 & up  
Linux<sup>5</sup>

### Network Protocol

Print:  
LPD, RAW, WSD-Print (IPv4, IPv6)

Scan:  
Email, SMB, WSD-Scan (IPv4, IPv6)

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, HTTPS, IPsec

Security (wireless):  
WEP(64/128 bit), WPA-PSK(TKIP/AES), WPA2-PSK(AES)

Presto! Page Manager,  
MF Scan Utility,  
Remote User Interface (RUI),  
SSID Tool,  
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.

### Software and printer management

## General features

### Recommended Monthly Print Volume

750 - 3,000 pages per month (MF411dw, MF416dw)  
1,000 - 5,000 pages per month (MF418x, MF419x)

### Duty cycle

Max. 50,000 pages per month<sup>6</sup>  
1 GB

### Memory

8.9 cm LCD Colour Touch Screen

### Dimensions with trays (W x D x H)

390 mm x 473 mm x 431 mm (MF411dw, MF416dw)  
450 mm x 472 mm x 465 mm (MF418x, MF419x)

### Installation space (W x D x H)

590 mm x 1,182 mm x 795 mm (MF411dw, MF416dw)  
650 mm x 1,181 mm x 827 mm (MF418x, MF419x)

### Weight

Approx. 19 Kg (MF411dw, MF416dw)  
Approx. 21.4 Kg (MF418x, MF419x)

### 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. 1160 W  
Standby: Approx. 9.4 W (MF411dw, MF416dw) 8.7 W (MF418x, MF419x)  
Sleep mode: Approx. 1.4 W<sup>7</sup>  
Power switch off: 0.1W or less  
Typical Electricity Consumption (TEC): 1.2 kWh/week (230V)  
Idle time required to enter sleep mode: 3-60 min (default: 3 min)  
Idle time required to enter Auto Shutdown: 4 hours (default)

### Noise Levels

Sound Pressure<sup>8</sup>:  
Active: 53 dB in B/W printing  
Standby: Inaudible

Sound Power<sup>9</sup>:  
Active: 70.6 dB or less in B/W printing  
Standby: 53 dB or less (Seine 2 and 4 52dB)

## Consumables

### Cartridges

Cartridge 719 (2,100 pages<sup>9</sup>)<sup>10</sup>  
Cartridge 719H (6,400 pages<sup>9</sup>)<sup>10</sup>

## Accessories/Options

### Items

PAPER FEEDER PF-44 - 500-sheet cassette (MF411dw, MF416dw)  
CASSETTE FEEDING UNIT-U1 - 500-sheet cassette (MF418x, MF419x)  
TEL 6 KIT - Telephone handset (MF416dw, MF419x)  
BARCODE PRINTING KIT-EI (MF418x, MF419x)  
BARCODE PRINTING KIT-EIE (MF418x, MF419x)  
COPY CARD READER-F1 - Physical card access system that limits access to authorised users (MF418x, MF419x)  
COPY CARD READER ATTACHMENT-J1 (MF418x, MF419x)  
MiCard Multi - Card reader for identification with RFID or magnetic cards with uniFLOW (MF418x, MF419x)  
MiCard Plus - Card reader for identification with RFID or magnetic cards with uniFLOW (MF418x, MF419x)  
MiCard Attachment Kit-A2 (MF418x, MF419x)  
COPY CONTROL INTERFACE KIT-C1 - Allows connection (CCV I/F) between 3<sup>rd</sup> party copy control terminal and MFPs for cost recovery use (MF418x, MF419x)  
PLAIN PEDESTAL TYPE-K1 (MF418x, MF419x)

## Footnotes

<sup>[1]</sup> Commands supported only. Third party driver or direct printing from application required.

<sup>[2]</sup> Scan by MF Scan Utility or Canon PRINT Business app

<sup>[3]</sup> Based on ITU-T Standard Chart No. 1

<sup>[4]</sup> Network scanning not supported

<sup>[5]</sup> Web distribution only. Linux support printing only.

<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> When in wireless mode, consumption will be 2.1W

<sup>[8]</sup> Declared noise emission in accordance with ISO 9296

<sup>[9]</sup> Based on ISO/IEC 19798

<sup>[10]</sup> Printer ships with 2,100 pages cartridge

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**i-SENSYS** MF411dw MF416dw MF418x MF419x

Easily achieve professional-quality results from the smart, simple and compact MF410 series black and white laser Multifunctional printers that offer print, copy, scan and fax\* plus support for mobile devices.



Sales Start Date: June, 2016

**Product Details:**

Product Name	Mercury Code	EAN Code
i-SENSYS MF411dw	0291C022AA	4549292031874
i-SENSYS MF416dw	0291C013AA	4549292031751
i-SENSYS MF418x	0291C008AA	4549292031690
i-SENSYS MF419x	0291C002AA	4549292031621

**Optional Accessories:**

Product Name	Mercury Code	EAN Code
Cassette Feeding Unit- U1	0732A023AA	4960999635620
Paper Feeder PF-44	3439B001AA	4960999630540
Telephone 6 Kit UK (CW)	0752A053AA	4960999453897
Telephone 6 Kit EU (CW)	0752A054AA	4960999453910
Telephone 6 Kit SA (CW)	0752A055AA	4960999453927
Copy Card Reader-F1	4784B001AA	4960999679686
Copy Card Reader Attachment-G1	5140B001AA	4960999689920
MiCard Attachment Kit-A2	5146B003AA	4549292037081
Copy Contol I/F Kit-C1	5145B001AA	4960999780269
Barcode Printing Kit-E1	5143B001AA	4960999689951
Barcode Printing Kit-E1E EU	5143B002AA	N/A (e-delivery)
Plain Pedestal Type-K1	6132B001AA	4960999841267

**Consumables:**

Product Name	Mercury Code	EAN Code
Cartridge 719	3479B002AB	4960999650289
Cartridge 719H	3479B002AB	4960999650319

**Measurement / Logistic Information:**

Product Name	Mercury code	Package Style	Quantity per pack	Length (mm)	Width (mm)	Height (mm)	Weight (kg)
i-SENSYS MF419x i-SENSYS MF418x	0291C002AA 0291C008AA	Box	1	590	565	578	27
		Pallet	8	1180	1130	1156	217
		Container 40ft HCD	320	-	-	-	-
i-SENSYS MF416dw i-SENSYS MF411dw	0291C013AA 0291C022AA	Box	1	566	503	545	23
		Pallet	8	1132	1006	1090	185
		Container 40ft HCD	352	-	-	-	-

**What's in the box?**

- Main unit
- Canon Cartridge 719 starter
- Power supply cable
- Starter guide
- User Software DVD-ROM
- Warranty card
- Telephone cable

