



imageCLASS
MF429dw

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Black and White | Compact | Multifunction

Print up to 40 ppm

Print up to 8-1/2" x 14"

900-sheet maximum paper capacity

Supports uniFLOW and uniFLOW Online



Designed for small workgroups within an enterprise environment, the imageCLASS MF429dw balances speedy performance, minimal maintenance, and the ability to add an extra paper tray for busy groups. A 5" color touchscreen delivers an intuitive user experience and can be customized by a device administrator to simplify many daily tasks.



WORKFLOW EFFICIENCY

- 5" intuitive color touchscreen with smartphone-like usability.
- A unique, customized device experience with Application Library.
- Supports mobile solutions for printing and scanning.
- Scan and convert documents to searchable digital files through a single-pass, duplex document feeder.
- Designed for smaller print jobs with first-print-out time as fast as six seconds.



SECURITY

- Helps mitigate risk of confidential information loss, as documents are only stored in short-term memory.
- Security settings can be set behind an administrator log-in. When used in conjunction with imageWARE Enterprise Management Console Device Configuration Manager Plug-in, these settings can be captured and exported to other devices on the same network.¹
- Remotely control device access and set rules via optional uniFLOW.²
- Limit document distribution by implementing Send-to-Myself-only.



COST MANAGEMENT

- Leverage optional uniFLOW or uniFLOW Online for full accounting and reporting for Canon and third-party devices, pull printing, and job routing.
- Service parts are designed for machine's life cycle to help minimize need for proactive maintenance and reduce service calls.
- High-capacity, all-in-one cartridge helps reduce overall supply costs.



DEVICE AND FLEET MANAGEMENT

- Designed for quick, easy deployment.
- Remote diagnostics for rapid service response.
- Easily monitor device status and consumable levels, observe meter readings, manage settings, and implement security settings.



QUALITY AND RELIABILITY

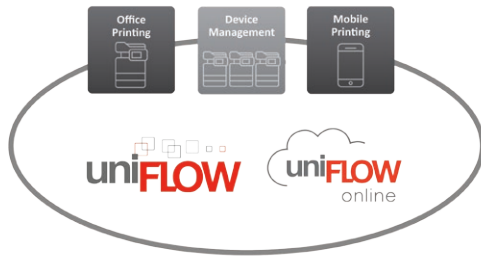
- Canon's signature reliability and engine technologies keep productivity high and minimize the impact on support resources.
- Designed to achieve maximum uptime with status notifications to help keep supplies replenished.
- Intuitive maintenance videos for common tasks like consumables replacement.



SUSTAINABILITY

- A combination of fusing technologies and low-melting-point toner minimizes power requirements and helps achieve low-energy consumption.
- Encourage environmentally conscious work practices by enabling settings that can help save paper and energy.
- ENERGY STAR® certified and rated EPEAT® Silver.³

KEY FEATURES



MANAGE OUTPUT WITH uniFLOW

The optional uniFLOW portfolio offers an on-premise or cloud solution that imageCLASS devices can utilize with flexible authentication. With either card-based or PIN code-based authentication, imageCLASS devices can secure output management, track costs with reporting, and operate mobile printing.



EASY TO USE WITH APPLICATION LIBRARY

Unique to the Canon imageCLASS product line, the Application Library platform allows for one-touch button creation of seven key functions: Print Template, Standby Slide (screen saver), Scan-to-Preset Destination, ID Card Copy, Consumables Information, Copy (Eco), and Copy (Bleed Reduce).



FLEET MANAGEMENT TOOLS

imageWARE Enterprise Management Console can be used by a device administrator to centrally manage the Canon printer fleet, including consumables, status notifications, meters, and configuration settings. imageWARE Remote allows for the service provider to manage devices proactively, including remote diagnosis and reporting. Local Content Delivery System facilitates remote firmware download at the device level.



FAST, SINGLE-PASS DUPLEX SCANNING

The imageCLASS MF429dw leverages a single-pass document feeder for two-sided scanning at up to 70 images per minute (ipm) in black and white or 26 ipm in color. Scanned files can be converted into multiple file formats, including Hi-Compression PDF and Searchable PDF (OCR).



SPECIFICATIONS

Main Unit

Core Functions

Standard: Print, Copy, Scan, Send, Fax

Processor

Canon Custom Processor

Control Panel

5" Color Touch Panel

Memory

1 GB

Standard Interface Connection

USB 2.0 x2 (Host), USB 2.0 x1 (Device) High-Speed, 10/100/1000Base-T Ethernet (Network), Wi-Fi 802.11b/g/n, Wi-Fi® Direct Connection

Paper Capacity (Letter, 20 lb. Bond)

Standard: 350 Sheets
Maximum: 900 Sheets

Paper Sources (Letter, 20 lb. Bond)

Standard: 250-sheet Paper Cassette, 100-sheet Stack Bypass
Optional: 550-sheet Paper Cassettes (Cassette Unit-AH1)

Paper Output Capacity (Letter, 20 lb. Bond)

Standard: 65 Sheets

Supported Media Types

Cassettes: Thin, Plain, Recycled, Thick, Bond
Stack Bypass: Thin, Plain, Recycled, Thick, Bond, Label, Envelope (10 Envelopes)

Supported Media Sizes

Cassettes: Letter, Legal, Statement, Executive Custom (Min. 4.1" x 5.8" to Max. 8.5" x 14")
Stack Bypass: Letter, Legal, Statement, Executive Envelope: COM10, Monarch, C5, DL Custom (Min. 3" x 5" to Max. 8.5" x 14")

Supported Media Weights

Cassettes: 14 lb. Bond to 32 lb. Bond (52 to 120 g/m²)
Stack Bypass: 14 lb. Bond to 43 lb. Bond (52 to 163 g/m²)

Warm-up Time

From Power On: 14 Seconds or Less
From Sleep: 4 Seconds or Less
Mode:

Dimensions (W x D x H)

Standard: 17.9" x 18.3" x 15.5"
(Desktop): (453 mm x 464 mm x 392 mm)

Installation Space (W x D x H)

Standard: 21.8" x 38.7" x 28.6"
(Desktop): (553 mm x 983 mm x 664 mm)
Fully Configured: 21.8" x 38.7" x 43.9"
(553 mm x 983 mm x 795 mm)

Weight

Machine Only: Approx. 35.8 lb. (16.2 kg)
Boxed Weight: Approx. 45.9 lb. (20.8 kg)

Print Specifications

Printing Method

Laser Beam Printing

Print Speed⁴

Up to 40 ppm (Letter); Up to 32 ppm (Legal)

First-Print-Out Time

Approx. 6 Seconds

Recommended Monthly Page Volume

500 - 4,000 Pages

Print Resolution (dpi)

600 x 600

Standard Page Description Languages

UFR II, PCL[®]6, PCL[®]5, Adobe PostScript 3[®]

Double-Sided Printing

Automatic (Standard)

Direct Print

Available from USB Memory (JPEG, TIFF, PDF)

Printing from Mobile and Cloud-based Services⁵

Apple[®] AirPrint[™], Canon PRINT Business, Mopria[™] Print Service, Google Cloud Print[™],⁶ uniFLOW Secure Mobile Printing

Fonts

PCL: 93 Fonts
PS: 136 Fonts

Operating System

UFR II/
PCL/PS: Windows[®] 7/Windows 8.1/Windows 10/
Windows Server 2008/Windows Server 2008 R2/Windows Server 2012/Windows Server 2012 R2/Windows Server 2016
Mac OS X v10.8.5 (or later)

Copy Specifications

Copy Speed

Up to 40 ppm (Letter); Up to 32 ppm (Legal)

First-Copy-Out Time (Letter)

Approx. 6.0 Seconds

Copy Resolution (dpi)

600 x 600

Copy Size

Platen: Up to Letter
ADF: Up to Legal

Multiple Copies

Up to 999 Copies

Magnification

25% - 400% (1% Increments)

Preset Reductions

25%, 50%, 64%, 78%

Preset Enlargements

129%, 200%, 400%

Copy Features

Paper Setting, Favorite Settings, Two-sided, Original Type Selection, Cancel, N-on-1, Density Adjustment, Sharpness, Erase Frame, Collate, Copy ID Card

Scan Specifications

Type

Single-Pass Duplexing Automatic Document Feeder

Document Feeder Paper Capacity

50 Sheets (20 lb. Bond)

Document Feeder Supported Media Sizes

Legal, Letter, Statement

Document Feeder Supported Media Weights

Single and Double-sided scanning: 13-28 lb. Bond (50-105 g/m²)

Platen Acceptable Originals

Sheet, Book

Pull Scan

ScanGear MF for TWAIN, WIA, and ICA

Supported OS

Windows 7/Windows 8.1/Windows 10/Windows Server 2008/Windows Server 2008 R2/Windows Server 2012/Windows Server 2012 R2/Windows Server 2016/Mac OS X v10.8.5 (or later)

Scan Resolution (dpi)

300 x 600, 600 x 600

Scan-to-Mobile Devices

Canon PRINT Business

Scan Speed (Letter)

Single-sided: 13/38 ipm (300 x 600 dpi) (Color/BW)
Double-sided: 26/70 ipm (300 dpi) (Color/BW)

Memory Media

Standard USB Memory (JPEG, TIFF, PDF)

Send Specifications

Destination

Email/Internet FAX (SMTP), SMB, FTP, Super G3 FAX

Address Book

LDAP (50)/Local (300)/Speed Dial (281)

Send Resolution (dpi)

600 x 600 (Pull Scan), 196 x 204 (iFax), 300 x 300 (Other)

Communication Protocol

File: FTP, SMB
Email/iFax: SMTP, POP3, iFax (Simple)

File Format

Standard: TIFF, JPEG, PDF (Compact, Searchable)
Optional: PDF (Encrypted, Digital Signature)

Fax Specifications

Modem Speed

Super G3: 33.6 kbps
G3: 14.4 kbps

Compression Method

MH, MR, MMR, JBIG

Resolution (dpi)

400 x 400, 200 x 400, 200 x 200, 200 x 100

Sending/Recording Size

Statement to Legal

Fax Memory

Up to 512 Pages

Speed Dials

Max. 281

Group Dials/Destinations

Max. 299 Dials

Sequential Broadcast

Max. 310 Addresses

Memory Backup

Yes

Fax Features

RX Mode, Resolution, Two-sided Original, Density, Sharpness, Favorite Settings, Duplex Fax

Security Specifications

Authentication

Standard: Embedded Universal Login Manager, Department ID Authentication
Optional: uniFLOW, uniFLOW Online

Network

Standard: IP/MAC Address Filtering, IPSEC, TLS Encrypted Communication, SNMP V3.0, IEEE 802.1X, IPv6, SMTP Authentication, POP Authentication before SMTP

Document

Standard: Secure Print
Optional: Encrypted PDF, User and Device Signatures

Wi-Fi Authentication Methods

Wi-Fi
Infrastructure: WEP 64/128 bit, WPA-PSK (TKIP/AES),
Mode: WPA2-PSK (AES)
Wi-Fi Access
Point: WPA2-PSK (AES)

Environmental Specifications

Operating Environment

Temperature: 50 to 86° F
Humidity: 20 to 80% RH (no condensation)

Power Requirements

AC 120-127 V: 6.5 A, 60 Hz

Power Consumption

Maximum: Approx. 1320 W
Standby: Approx. 10 W
Sleep Mode: Approx. 0.9 W
Typical: 1.3 kWh

Electricity Consumption (TEC) Rating:

Standards

ENERGY STAR[®] Qualified, Rated EPEAT Silver

CONFIGURATION AND ACCESSORIES



Accessories

Card Readers*

MiCard Readers**
Proximity card reader designed to be used with uniFLOW for card authentication

Copy Card Reader-F1
Department ID authentication with Canon magnetic stripe cards

* Attachment kit required.
** Ask Dealer for reader compatibility information.

Print Accessories

Barcode Print Kit-E1
Installs bar code fonts for bar code printing

Send PDF Security Kit-E1
Send encrypted PDFs and add digital device signatures

Control Interface Kit-C1
Connects third-party card reader or coin operator system to device

Extended Service Packs

Canon eCarePAK
Canon Extended Service Plans offer coverage beyond the standard one-year warranty⁷ up to four years.

GENUINE® CONSUMABLES

Always look for the Canon anti-counterfeiting hologram on your GENUINE Canon product packaging.



Use of Canon GENUINE toner cartridges helps provide longer equipment life, high yields, reliable performance, high-quality output, and minimal jamming or issues.

¹ Please reference user manuals for details on settings available to export.

² uniFLOW Scan not supported.

³ For current EPEAT rating (Gold/Silver/Bronze), please visit www.epeat.net.

⁴ Print speed is based on internal testing. Print speed may vary, depending on the number of copies selected as well as the settings for size, type, and orientation of paper.

⁵ Canon PRINT Business is a free app available on the App Store[®] and Google Play[™] Store. For more information, including compatibility, please visit <https://www.usa.canon.com/mobile-app>. Please see the respective websites for Apple AirPrint and Mopria Print Service for compatibility and additional information.

⁶ Subscription to a third-party cloud service required. Subject to third-party cloud service providers' terms and conditions.

⁷ Warranty program is subject to certain conditions and restrictions. See warranty card for details.



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