



CANON SOLUTIONS AMERICA

imageCLASS
MF543dw

imageCLASS MF543dw

Black and White | Compact | Multifunction

Print up to 45 ppm

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

2,300-sheet maximum paper capacity

Supports uniFLOW and uniFLOW Online



Designed for small to mid-size workgroups within an enterprise environment, the Canon imageCLASS MF543dw balances speedy performance, minimal maintenance, and the ability to expand paper capacity 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 certain mobile solutions for printing and scanning.¹
- 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 5.6 seconds.
- Secure scanning directly into Dropbox, Google Drive,[™] Box, Microsoft OneDrive[®]/OneDrive[®] for Business, and Evernote[®] via uniFLOW Online.²



SECURITY

- Low risk of confidential information loss, as documents are only stored in short-term memory.
- With imageWARE Enterprise Management Console Device Configuration Manager Plug-in, settings can be captured and exported to other devices on the same network.³
- Remotely control device access and set rules via optional uniFLOW and uniFLOW Online.
- Limit document distribution by implementing Send-to-Myself-only.
- Verify System at Startup is a process to help verify the validity of the device firmware and Application Library from unauthorized modifications.



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 potentially 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

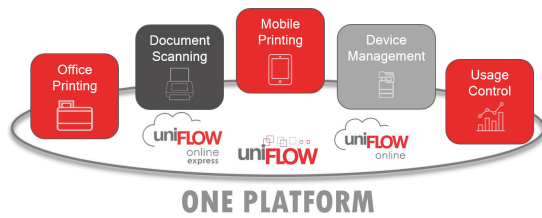
- Canon's signature reliability and engine technologies keep productivity high and minimize the impact on support resources.
- Designed to achieve maximum uptime with status notifications to help keep supplies replenished.
- Intuitive animations for common tasks like consumables replacement.



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.⁴

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 printing and scanning,² track costs with reporting, and operate mobile printing.



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 MF543dw 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).



Single-Pass 2-Sided Scan



EASY TO USE WITH APPLICATION LIBRARY

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



APPLICATION LIBRARY

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 xl (Device) High-Speed, 10/100/1000Base-T Ethernet (Network), Wi-Fi 802.11b/g/n, Wi-Fi® Direct Connection, Near Field Communication

Paper Capacity (Letter, 20 lb. Bond)

Standard: 650 Sheets
Maximum: 2,300 Sheets

Paper Sources (Letter, 20 lb. Bond)

Standard: 550-sheet Paper Cassette, 100-sheet Multipurpose Tray
Optional (up to three): 550-sheet Paper Cassettes (Paper Feeder PF-C1)

Paper Output Capacity (Letter, 20 lb. Bond)

Standard: 150 Sheets

Supported Media Types

Cassettes: Thin, Plain, Recycled, Color, Thick, Bond

Multipurpose Tray: Thin, Plain, Recycled, Color, 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")

Multipurpose Tray: Letter, Legal, Statement, Executive Envelope: COM10, Monarch, C5, DL Custom (Min. 3" x 5" to Max. 8.5" x 14")

Supported Media Weights

Cassette: 16 lb. Bond to 32 lb. Bond (60 to 120 g/m³)
Multipurpose Tray: 16 lb. Bond to 53 lb. Bond (60 to 199 g/m³)

Warm-up Time

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

Dimensions (W x D x H)

Standard (Desktop): 19.5" x 18.3" x 17.8"
(494 mm x 464 mm x 452 mm)

Installation Space (W x D x H)

Standard (Desktop): 19.5" x 35.6" x 28.5"
(494 mm x 905 mm x 724 mm)
Fully Configured: 19.5" x 35.6" x 43.9"
(494 mm x 905 mm x 1,114 mm)

Weight⁵

Unit: Approx. 41.9 lb. (19.0 kg)
Boxed Weight: Approx. 56.2 lb. (25.5 kg)

Operating System

Windows® 7/Windows 8.1/Windows 10/Windows Server 2008/Windows Server 2008 R2/Windows Server 2012/Windows Server 2012 R2/Windows Server 2016/Windows Server 2019/Mac OS X v10.9.5 (or later)

Print Specifications

Printing Method

Laser Beam Printing

Print Speed⁶

Up to 45 ppm (Letter); Up to 36 ppm (Legal)

First-Print-Out Time

Approx. 5.6 Seconds

Recommended Monthly Page Volume

2,000 - 7,500 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 Services⁷

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

Fonts

PCL: 93 Fonts
PS: 136 Fonts

Print Features

Secure Print, Page Border, Header/Footer, Page Layout, Two-sided Printing, Collating, Booklet Printing, Grouping, Mixed Paper Sizes/Orientations

Copy Specifications

Copy Speed

Up to 45 ppm (Letter); Up to 36 ppm (Legal)

First-Copy-Out Time (Letter)

Approx. 6.0 Seconds

Copy Resolution (dpi)

600 x 600

Copy Size

Platen and 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 (21 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

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 300 dpi) (Color/BW)
Double-sided: 26/70 ipm (300 x 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

Data

Standard: Verify System at Startup

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, High Compression PDF, Searchable PDF

Optional: Encrypted PDF, User and Device Signatures

Wi-Fi Authentication Methods

Wi-Fi Infrastructure Mode: WEP 64/128 bit, WPA-PSK (TKIP/AES), 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, 7.1 A, 60 Hz

Power Consumption

Maximum: Approx. 1440 W
Standby: Approx. 17 W
Sleep Mode: Approx. 0.9 W
Typical: 0.40 kW

Electricity Consumption (TEC) Rating:

Standards

ENERGY STAR® Qualified, Rated EPEAT Silver

CONFIGURATION AND ACCESSORIES



Accessories

Card Readers⁸

MiCard Readers⁹

Proximity card reader designed to be used with uniFLOW for card authentication

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

Print Accessories

Barcode Print Kit-E1

Installs bar code fonts for bar code printing

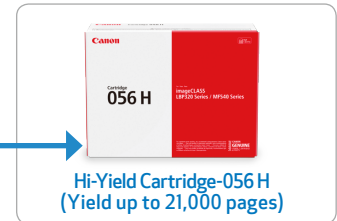
Send PDF Security Kit-E1

Send encrypted PDFs and add digital device signatures

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

GENUINE[®] CONSUMABLES

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



Hi-Yield Cartridge-056 H
(Yield up to 21,000 pages)

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



CABINET STAND TYPE-S
(Floor Standing Option)



OPTIONAL CASSETTE PF-C1
(Up to three additional)

¹ Canon PRINT Business is a free app available on the App Store[®] and Google Play[™] Store. For more information, including compatibility, please visit www.usa.canon.com/mobile-app. Please see the respective websites for Apple AirPrint and Mopria Print Service for compatibility and additional information.

² uniFLOW Online Scan available with 2019.3.

³ Please reference user manuals for details on settings available to export.

⁴ For latest EPEAT ratings (Gold/Silver/Bronze), please visit www.epeat.net.

NOTE: Check for availability and details for uniFLOW solutions.

⁵ Includes consumables.

⁶ 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.

⁷ Subscription to a third-party cloud service required. Subject to third-party cloud service providers' terms and conditions.

⁸ Attachment kit required.

⁹ Ask a Canon Solutions America Sales Representative for reader compatibility information.

For more information, call or visit
1.800.815.4000 CSA.CANON.COM

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