

## imageCLASS MF448dw

Black and White | Compact | Multifunction

Print up to 40 ppm

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

900-sheet maximum paper capacity

Three-year limited warranty standard



Designed for small and medium-size businesses, the Canon imageCLASS MF448dw model balances speedy performance, minimal maintenance, and the ability to add an extra paper tray. A 5" color touchscreen delivers an intuitive user experience and can be customized by a device administrator to help simplify many daily tasks.



### USABILITY

- 5" intuitive, color touchscreen with smartphone-like usability.
- A unique, customized device experience with Application Library.
- Create Wi-Fi® Direct hotspot from the printer to establish direct connection to compatible mobile device(s) without the need for an external router.



### QUALITY AND RELIABILITY

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



### SECURITY

- Low risk of confidential information loss, as documents are only stored in short-term memory.
- Security settings can be set behind an administrator log-in.
- Verify System at Startup is a process to help verify the validity of the device firmware and Application Library from unauthorized modifications.
- Keep documents secure with optional security features.



## COST EFFICIENCY

- High-capacity, all-in-one cartridge helps reduce overall supply costs.
- Out-of-the-box, standard two-sided printing plus the ability to print multiple pages onto one page helps to reduce paper consumption.



## WORKFLOW EFFICIENCY

- Supports mobile solutions for printing and scanning.<sup>1</sup>
- Scan and convert documents to searchable digital files through a single-pass duplex document feeder.
- Designed for small print jobs with first-print time as fast as 5.3 seconds.



## SUSTAINABILITY

- A combination of fusing technologies and low-melting-point toner minimizes power requirements and helps to use less energy.
- Encourage environmentally conscious work practices by providing multiple settings that can help save paper and energy.
- ENERGY STAR® certified and currently rated EPEAT® Silver.<sup>2</sup>

### KEY FEATURES



## 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.



## MOBILE-FRIENDLY DEVICE ACCESS

From application-based to cloud-based<sup>5</sup> to device native, the imageCLASS MF448dw model offers a variety of methods for printing from a mobile phone or tablet across iOS and Android devices. The Canon PRINT Business application, which supports both platforms, offers access to additional device settings as well as the ability to scan from the printer to a mobile phone or tablet.



## FAST, SINGLE-PASS DUPLEX SCANNING

The imageCLASS MF448dw leverages a single-pass document feeder for two-sided scanning at up to 70 images per minute (ipm) in black and white or up to 26 ipm in color. Scanned files can be converted into multiple file formats, including Hi-Compression PDF and Searchable PDF (OCR).



## 100% U.S.-BASED SERVICE AND SUPPORT

From cutting-edge technology to industry-leading response times, Canon U.S.A. takes pride in delivering complete customer satisfaction. Canon's award-winning, 100% U.S.-based, friendly, and knowledgeable Customer Service team provides expert assistance for every level of experience. The imageCLASS MF448dw device comes with a three-year limited warranty, giving you the support, peace of mind, and value your business deserves.



# SPECIFICATIONS

## Main Unit

### Core Functions

Standard: Print, Copy, Scan, Send, Fax

### Item Code

MF448dw: 3514C003

### 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 Multipurpose Tray  
Optional: 550-sheet Paper Cassette (Cassette Unit-AH1)

### Paper Output Capacity (Letter, 20 lb. Bond)

Standard: 65 Sheets

### Supported Media Types

Cassettes: Thin, Plain, Recycled, Thick, Bond

Multipurpose Tray: 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")  
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

Cassettes: 16 lb. Bond to 32 lb. Bond (60 to 120 g/m<sup>2</sup>)  
Multipurpose Tray: 16 lb. Bond to 43 lb. Bond (60 to 163 g/m<sup>2</sup>)

### Warm-up Time

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

### Dimensions (H x W x D)

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

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

Standard (Desktop): 17.9" x 34.8" x 26.2"  
(453 mm x 883 mm x 664 mm)  
Fully Configured: 17.9" x 34.8" x 31.3"  
(453 mm x 883 mm x 795 mm)

### Weight<sup>3</sup>

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

### Operating System

UFR II/PCL: 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)

## Print Specifications

### Printing Method

Laser Beam Printing

### Print Speed<sup>4</sup>

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

### First-Print-Out Time

Approx. 5.3 Seconds

### Recommended Monthly Page Volume

750 - 4,000 Pages

### Print Resolution (dpi)

600 x 600

### Standard Page Description Languages

UFR II, PCL®6, PCL®5

### Double-Sided Printing

Automatic (Standard)

### Direct Print

Available from USB Memory (JPEG, TIFF, PDF)

### Printing from Mobile and Cloud-based Services<sup>5</sup>

Apple® AirPrint®, Canon PRINT Business, Mopria™ Print Service, Google Cloud Print™<sup>5</sup>

### Fonts

PCL: 93 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 40 ppm (Letter); Up to 32 ppm (Legal)

### First-Copy-Out Time (Letter)

Approx. 6.2 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/m<sup>2</sup>)

### 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 Dials

### 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: Department ID Authentication

### 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: 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

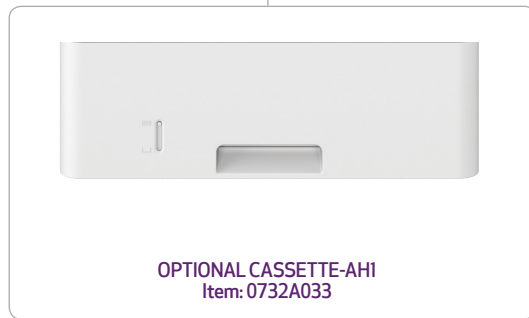
Maximum: Approx. 1330 W  
Standby: Approx. 10 W  
Sleep Mode: Approx. 0.9 W  
Typical: 0.34 kWh

Electricity Consumption (TEC) Rating:

### Standards

ENERGY STAR® Qualified, Currently Rated EPEAT Silver<sup>1</sup>

## CONFIGURATION AND ACCESSORIES



### Extended Service Plans Available For Purchase

If service is required, you may receive a replacement model\* via advanced exchange. In this case, you'll be instructed to return the damaged unit to Canon in the replacement packaging, which also includes a prepaid shipping label. Or you may choose to carry your existing equipment to a local Authorized service facility for repair.

#### Canon eCarePAK (Exchange/Carry-In)

Canon extended service plans extend standard three-year warranty<sup>6</sup> support to cover additional one to two years.

One-Year: 5707B042

Two-Year: 5707B043

\* Replacement model may be new or refurbished quality.

### Accessories

#### Card Readers\*

##### Copy Card Reader-F1 (Item Code: 4784B001)

Department ID authentication with Canon magnetic stripe cards

\*Attachment Kit required.

#### Print Accessories

##### Barcode Print Kit-E1 (Item Code: 5143B001)

Installs bar code fonts for bar code printing

##### Send PDF Security Kit-E1 (Item Code: 9594B001)

Send encrypted PDFs and add digital device signatures

##### Control Interface Kit-C1 (Item Code: 5145B001)

Connects third-party card reader or coin operator system to device

## GENUINE® CONSUMABLES

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

- Cartridge 057<sup>▲</sup> (Item No.: 3009C001)  
Yields 3,100 Pages
- Cartridge 057 H (Item No.: 3010C001)  
Yields 10,000 Pages



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

<sup>▲</sup> This Cartridge is included with purchase.

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

<sup>2</sup> For current EPEAT rating (Gold/Silver/Bronze), please visit [epeat.net](http://epeat.net).

<sup>3</sup> Includes consumables.

<sup>4</sup> 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.

<sup>5</sup> Subscription to a third-party cloud service required. Subject to third-party cloud service providers' terms and conditions.

<sup>6</sup> Warranty program is subject to certain conditions and restrictions. See warranty card for details.

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