

ONE PRINTER, MANY SOLUTIONS



**TECHNICAL  
DOCUMENTS**  
MFP LARGE-FORMAT IMAGING















# M40 SCANNER SPECIFICATIONS



## Scan Speed\*

- 48-bit Full Color @ 200 dpi: 3" (per second)
- 8-bit Grayscale and Monochrome @ 200 dpi: 13" (per second)

## Scan Modes

- 16.7-million Color RGB (24-bit)
- 256 color RGB Adaptive Indexed Color Palette (8-bit)
- 256-level Grayscale (8-bit)
- Black and White (1-bit)

## Color Space

Normalized RGB

## Resolution

- 9600 dpi (max. interpolated)
- 1200 dpi (optical)

## Scan Accuracy\*\*

+/- 0.1%; +/- 1 pixel

## Maximum Image Width

40"

## Maximum Media Width

42"

## Maximum Scan Length

Up to 315" (590" TIFF files)

## Maximum Media Thickness

0.079" (2 mm)

## Media Feed System

Single large diameter precision ground drive roller; adaptive CIS media focus management and media guide mechanism; intuitive face-up, front-loading, and front/rear-exit media path with side justification; automatic media size detection with reliable optical media sensors

## Digital Imaging Technology

Contact Image Sensor (CIS) Technology (Single Sensor Assembly)

- 5x close-spaced "deep focus" CIS (25,000 pixels)
- 48-bit RGB digital color image capture (50,400 pixels)
- 16-bit grayscale image capture
- Panchromatic monochrome and black and white
- Bi-directional extra long-life LED light system for optimum object illumination and instant-on scanning capability

## Digital Image Processing

- 2D Intelligent Adaptive Thresholding (IAT) (1-bit mode)
- Fixed Threshold Black and White (1-bit mode)
- Dynamic Normalization Application (DNA) with 16-bit Super Sampling

## User Status and One-Touch Operation

Center mounted LCD scanner control panel; walk-up operation and user selection of scanner mode with stop, forward, rewind, scan, and copy buttons; local language options, panel overlay, and Magnetic Media Guide

## Included Software

- SmartWorks MFP Scan-to-file, Copy, Cloud with Real-time Image Viewer. Supports TIFF, JPEG, TIFF G4, and PDF

## User Maintenance

Installable Plug-and-Play Scanner; Simple Cleaning

## Scanner Interface Kit

Superspeed USB 3.0 (PC Connector Compatible with USB 2.0 and USB 3.0 sockets)

## Operating Environments

10 - 35°C, 35-80% RH, Non-condensing

## External Power Supply

100-250 VAC Autosensing +/- 10%, 50-60 Hz

## Scanner Power Consumption

- 53 Wh (Scanning)
- 5 Wh (Stand-by)

## Compliances

VCC1, CB, CE, FCC, UL, RoHS, ENERGY STAR®

## Stand and Scanner Dimensions

Height: Swing Arm: 57.5"  
Straight Arm (max.): 66"  
Width: Swing Arm (max.): 69.9"  
Straight Arm: 53.6"

Depth: 31.5"

## Stand and Scanner Weight

Approx. 120.4 lb.

## What's In The Box

- M40 Scanner with Power Cord and USB 3.0 and USB 2.0 Cables (scanner to server)
- 2 Meter USB Cable (server to printer)
- iPF MFP M40 Stand
- iPF MFP M40 Stand Assembly Instructions
- SmartWorks MFP Software
- All-in-one, HD Multi-Touch PC
- Installation and Operation Manual
- Operator Manual on CD-ROM
- Document Return Guide
- Magnetic Paper Guide

\* The scan rate is proportional across the full range of resolutions supported by the scanner. Actual scan times will depend on the host system performance. Quoted top speeds may be limited by the effective bandwidth of the USB 2 and is not guaranteed for all media types.

\*\* The quoted scan accuracy may vary depending on the operating environment and the thickness of the media.

CANON SOLUTIONS AMERICA

LARGE FORMAT SOLUTIONS

100 PARK BLVD., ITASCA, IL 60143

1-800-714-4427 | 1-630-250-6550

us.info@csa.canon.com CSA.CANON.COM

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