

500iF / 400iF

## Product Specifications



### Main Unit

#### System Type

Monochrome Digital Multifunction Imaging System

#### Functions

Copy, Print (UFR II, PCL 5e/6, Adobe® PostScript® 3™), Fax (Up to 2 Lines), Scan, Send, Store

#### Operation Panel

7" WVGA Full-Color, TFT Screen

#### Memory

Standard: 1.5GB RAM

Maximum: 1.5GB RAM

#### Hard Disk Drive

Standard: 80GB

Maximum: 80GB

#### Network Interface Connection

Ethernet 10/100 Base-TX, Ethernet 1000 Base-TX

#### Other Interface

USB 2.0 x3 (Host), USB 2.0 (Device)

#### Copy/Print Speed (BW)

Letter: **500iF:** Up to 52/52 ppm

**400iF:** Up to 42/42 ppm

Legal: **500iF:** Up to 43/43 ppm

**400iF:** Up to 40/40 ppm

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

5 Seconds or Less

#### Paper Sources (20 lb. Bond)

Standard: 550-sheet Paper Cassette  
100-sheet Stack Bypass

Optional: 550-sheet Paper Cassette (Up to 3)

Maximum: 2,300 Sheets

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

Standard: 250 Sheets

Maximum: 500 Sheets (with Staple Finisher-R1)

#### Output Paper Sizes

Cassettes: Legal, Letter, Statement, Executive, Custom size [5-1/2" x 8-1/4" to 8-1/2" x 14" (139.7mm x 210mm to 216mm x 355.6 mm)], and Envelopes (COM10, Monarch, DL, ISO-C5)\*

Bypass: Legal, Letter, Statement, Executive, Custom size [3-7/8" x 5-1/2" to 8-1/2" x 14" (99mm x 139.7mm to 216mm x 355.6mm)], and Envelopes (COM10, Monarch, DL, ISO-C5)

Other Options: Envelope Feeder Attachment (COM10, Monarch, DL, ISO-C5)\*

#### Acceptable Paper Weights

Cassettes: 17 lb. Bond to 28 lb. Bond (64 to 105g/m<sup>2</sup>)

Bypass: 17 lb. Bond to 34 lb. Bond (64 to 128g/m<sup>2</sup>)

#### Duplexing

Paper Size: Standard Automatic Trayless Duplexing (Statement to Legal)

Paper Weights: Up to 34 lb. Bond (128g/m<sup>2</sup>)

#### Media Support

Plain 1 [17 lb. Bond to 21 lb. Bond (64 to 80g/m<sup>2</sup>)], Plain 2 [22 lb. Bond to 24 lb. Bond (81 to 90g/m<sup>2</sup>)], Recycled [17 lb. Bond to 21 lb. Bond (64 to 80g/m<sup>2</sup>)], Color [17 lb. Bond to 24 lb. Bond (64 to 90g/m<sup>2</sup>)], Heavy 1 [25 lb. Bond to 28 lb. Bond (91 to 105g/m<sup>2</sup>)], Heavy 2 [29 lb. Bond to 34 lb. Bond (106 to 128g/m<sup>2</sup>)], Transparency [40 lb. Bond to 67 lb. Cover (151 to 181g/m<sup>2</sup>)]\*\*, Pre-punched [20 lb. Bond to 21 lb. Bond (75 to 80g/m<sup>2</sup>)], Bond [20 lb. Bond to 24 lb. Bond (75 to 90g/m<sup>2</sup>)], Labels [40 lb. Bond to 67 lb. Cover (151 to 181g/m<sup>2</sup>)], Envelopes

#### Warm-up Time

From Power On: 34 Seconds

From Sleep Mode: 10 Seconds or Less

Quick Startup Mode: Within 7 Seconds or Less\*\*\*

#### Power Requirements/Plug

120V AC, 60Hz, 10.5A, NEMA 5-15

#### Power Consumption

Maximum: 1.5 kW

Sleep Mode: 1 W

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

24-7/8" x 22-1/8" x 22-3/8" (633mm x 560mm x 567mm)

#### Installation Space (W x D)

Without Staple Finisher-R1: 34-3/4" x 40-7/8" (881mm x 1035mm)

With Staple Finisher-R1: 50-1/4" x 40-7/8" (1276mm x 1035mm)

#### Weight

Approx. 107 lb. (48.7kg)<sup>▲</sup>

#### Toner (Estimated Yield @ 5% Coverage)

15,200 Images

## Main Unit (continued)

### Image Reader Unit

#### Scan Resolution

Up to 600 x 600 dpi

#### Acceptable Originals (Glass)

Sheet, Book, 3-Dimensional Objects [up to 4.4 lb. (2kg)]

#### Maximum Original Size

Legal (8-1/2" x 14")

### Document Feeder

#### Scan Method

Duplexing Automatic Document Feeder

#### Acceptable Originals

Paper Sizes: Legal, Letter, Statement

Paper One-sided scanning: 11 lb. Bond to 34 lb. Bond  
Weights: (42 to 128g/m<sup>2</sup>), Two-sided scanning: 13 lb. Bond to 34 lb. Bond (50 to 128g/m<sup>2</sup>)

#### Scan Speed (BW/Color; Letter)

Simplex: 52 ipm (600 dpi)/52 ipm (300 dpi)

Duplex: 33 ipm (600 dpi)/33 ipm (300 dpi)

#### Paper Capacity (20 lb. Bond)

100 Sheets

## Copy Specifications

#### Multiple Copies

1 to 999

#### Copy Exposure

Automatic or Manual (9 Levels)

#### Magnification

25 - 400% (1% Increments) from Platen Glass

25 - 200% (1% Increments) from Document Feeder

#### Preset Reductions

78%, 64%, 50%, 25%

#### Preset Enlargements

400%, 200%, 129%

#### Basic Copy Features

Preset R/E Ratios by Area, Finishing, Two-sided, Exposure Adjustment, Original Type Selection, Interrupt Mode, Setting Confirmation/Cancel, Standard Keys, Reset, Job Duration Display, Reserved Copying, ID Management, Counter Check

#### Special Copy Features

ID Card Copy, Shift, Frame Erase, Scan Image Check, Mode Memory, Recall, Sharpness, Secure Watermark, Page Numbering, Copy Set Numbering, Watermark and Date

## Print Specifications

#### Processor

Canon Dual Custom Processor (Shared)

#### Engine Resolution

1200 x 1200 dpi

#### PDL Support

UFR II, PCL 5e/6, Adobe® PostScript® 3™

#### Print Driver Supported OS

UFR II, Adobe PostScript 3:

Windows® (XP/Vista™/7/8), Windows Server (2003/2008/2008 R2/SBS 2011/2012), Windows Terminal Server (2003/2008/2008 R2/2012), Microsoft Clustering Server (2003/2008/2008 R2/2012), Citrix (Presentation Server 4.5, XenApp 5.0/6.0/6.5, XenDesktop 4.0/5.0/5.5/5.6), VMware (vSphere 4/5/5.1), SAP (PS3 Only), Macintosh® (OS X 10.5.8 or later)

#### PCL 5e/6:

Windows® (Windows XP/Vista™/7/8; Windows Server 2003/2008/2008 R2/SBS 2011/2012), Windows Terminal Server (2003/2008/2008 R2/2012), Microsoft Clustering Server (2003/2008/2008 R2/2012), Citrix (Presentation Server 4.5, XenApp 5.0/6.0/6.5, XenDesktop 4.0/5.0/5.5/5.6), VMware (vSphere 4/5/5.1), SAP

#### Direct Print Support

Standard: TIFF, JPEG, PDF, EPS\*\*

Optional: XPS\*\*\*

#### Print Features

Suspend Job Timeout, Subset Finishing (PS only), Profile Settings, Secured Print, Watermark, Page Border, Header/Footer, Page Layout, Two-sided Printing, Collating, Booklet Printing, Grouping, Mixed Paper Sizes/Orientations, Offsetting, Printing on Transparencies, Front/Back Covers, Objective, Toner Reduction, Poster Printing, Form Overlay

## Scan Specifications

#### Network TWAIN Scan

Standard

#### Network Scan Utility

Color Network ScanGear

## Universal Send Specifications

#### Sending Method

E-mail, I-Fax, File Server (FTP, SMB, WebDAV), Super G3 Fax

#### Color Mode

Auto (Color, Gray), Auto (Color, Black), Full Color, Grayscale, BW

#### Scan Resolution

600 x 600 dpi, 400 x 400 dpi, 300 x 300 dpi, 200 x 400 dpi, 200 x 200 dpi, 200 x 100 dpi, 150 x 150 dpi, 100 x 100 dpi

#### Address Book Capacity

Max. 1,800 Destinations (Incl. 200 One-Touch Buttons)

#### Communication Protocol

File: FTP (TCP/IP), SMB (TCP/IP), WebDAV

E-mail/I-Fax: SMTP, POP3, I-Fax (Simple, Full)

#### File Format

Standard: TIFF, JPEG, PDF, PDF (Compact), PDF (Apply Policy), PDF (Optimize for Web), PDF/XPS (OCR), PDF/A-1b, XPS, XPS (Compact), OOXML (OCR) (.pptx)

Optional: PDF (Trace & Smooth), PDF (Encrypted), PDF/XPS (Digital Signature)

#### I-Fax Data Format

Color: TIFF (MH, MR, MMR)

BW: TIFF (MH, MR, MMR)

#### Universal Send Features

Two-sided Original, Original Type Selection, Density Adjustment, Sharpness, Erase Frame, Delayed Send, Preview, File Name, Subject/Message, Reply-to, Sender's Name (TTI), E-Mail Priority, Send to Myself, Send to My Folder

## Fax Specifications

#### Number of Connection Lines

Standard: 1

Optional: Line 2

#### Modem Speed

Super G3: 33.6 Kbps

G3: 14.4 Kbps

#### Compression Method

MH, MR, MMR, JBIG

#### Resolution

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

#### Sending/Recording Size

Statement to Legal

#### Fax Features

Job Forwarding, Density Adjustment, Sharpness, Erase Frame, Job Build, Specifying the Sender's Name (when sending fax), Selecting the Telephone Line (when sending fax), Delayed Send, Preview, Job Done Notice, Original Type Selection, Two-sided Original, Direct Send, On-Hook Dialing

## Main Unit (continued)

### Store Specifications

#### Advanced Box

Store To Remote Advanced Box:\* Supported  
Print/View from Remote Advanced Box:\* Supported

#### Memory Media

Standard: USB Memory

### Security Specifications

#### Standard

Department ID Management, Single Sign On-H, Access Management System (Device and Function Level Log-in), Secured Print, Trusted Platform Module, IPv6, Restricting Features (Restricting the Send Function, Restricting New Addresses on Address Book), Send to Myself (only), Send to My Personal Folder (only), SSL Encrypted Communication, SNMPv1/v3, MAC/IP Address Filtering, IEEE 802.1x (wired/wireless), SMTP Authentication, POP Authentication before SMTP, HDD Initialize (Up to 9x) HDD Erase (Up to 3x), HDD Lock, IPsec, Adobe® LiveCycle® Rights Management ES2.5 Integration

#### Optional

HDD Encryption, Encrypted Secure Print, Encrypted PDF, Secure Watermark, IEEE 2600.1 Common Criteria Certification\*\*

### Environmental Information

#### ENERGY STAR® Qualified

#### RoHS Compliant

#### Blue Angel

#### EPEAT® Rated

#### WEEE Directive

## Optional Accessories

### Paper Supply Options

#### Cassette Module-AA1

Paper  
Capacity: 550 Sheets [20 lb. Bond (80g/m<sup>2</sup>)]  
Acceptable  
Paper Weight: 17 lb. Bond to 28 lb. Bond (64 to 105g/m<sup>2</sup>)  
Acceptable Legal, Letter, Statement, Executive, Custom size  
Paper Size: [5-1/2" x 8-1/4" to 8-1/2" x 14" (139.7mm x 210mm to 216mm x 355.6mm)]

Power Source/  
Maximum Power  
Consumption: From the Main Unit/Approx. 20W  
Dimensions 4-3/4" x 21-1/4" x 19-3/4"  
(H x W x D): (248mm x 565mm x 650mm)  
Weight: Approx. 17 lb. (7.7kg)

#### Envelope Cassette-E1

Paper  
Capacity: 50 sheets  
Acceptable  
Paper Size: COM10, Monarch, DL, ISO-C5  
Feeding  
Speed: 12 cpm  
Dimensions 3-1/4" x 21-1/4" x 18-7/8"  
(H x W x D): (96mm x 54 mm x 480mm)  
Weight: Approx. 5.5 lb. (2.5kg)

### Output Options

#### Staple Finisher-R1

Number of  
Trays: 1  
Total Output  
Capacity: **No finishing, Collate, Group mode:** 500 sheets  
[or 2-7/8" (73.5mm) in height]  
**Collate + Offset, Group + Offset mode:** 500 sheets  
[or 2-7/8" (73.5mm) in height]  
**Staple mode:** 20 sets [or 2-7/8" (73.5mm)  
in height]  
Acceptable  
Paper Weight: 17 lb. Bond to 34 lb. Bond (64 to 128g/m<sup>2</sup>)  
Acceptable Legal, Letter, Statement, Executive, Custom size  
Paper Size: [3-7/8" x 5-1/2" to 8-1/2" x 14" (99mm x 139.7mm to 216mm x 355.6mm)], and Envelopes  
Staple  
Positions: Corner Stapling (Legal, Letter, Executive)  
Maximum  
Stapling  
Capacity: **Corner Staple mode:**  
50 sheets [17 lb. to 24 lb. Bond (64 to 90g/m<sup>2</sup>)]  
50 sheets [25 lb. to 28 lb. Bond (91 to 105g/m<sup>2</sup>)]  
30 sheets [29 lb. to 34 lb. Bond (106 to 128g/m<sup>2</sup>)]

Type of Staple:Staple-P1 (5,000 x 2)  
Power Source/  
Maximum Power  
Consumption: From the Main Unit/Approx. 50W  
Dimensions 10-3/8" x 31-3/8" x 15-5/8"  
(H x W x D): [263mm x 798mm x 395mm  
(when the auxiliary tray is extended)]  
Weight: Approx. 23.1 lb. (10.5kg)

### Other Optional Accessories

- Copy Card Reader-F1
- IC Card Reader Box-A1
- Universal Keyboard Stand-A1
- Card Reader Assembly for Universal Keyboard Stand
- Super G3 2nd Line Fax Board-AM1
- PCL International Font Set-B1
- Barcode Print Kit-D1
- Direct Print Kit (For PDF/XPS)-H1
- Universal Send Trace & Smooth PDF Kit-A1
- Send Security Feature Set-D1
- Universal Send Digital User Signature Kit-C1
- Remote Operators Software-B1
- Encrypted Secure Print Software-D1
- IR-ADV Security Kit-H1 For IEEE 2600.1 Common Criteria Certification\*\*
- HDD Data Encryption Kit-C6
- Secure Watermark-B1
- Web Access Software-H1
- ADF Access Handle-A1
- Braille Label Kit-F1

\* Can be set to Cassette 2 only.

\*\* Not available on top cassette.

\*\*\* If "Quick Startup Settings for Main Power" is set to On, it takes seven seconds until the key operation on the touch-panel display is available after turning on the main power.

▲ Includes consumables except for Toner.

▲▲ EPS can be printed directly only from Remote User Interface.

▲▲▲ XPS cannot be printed directly from Web Access Software.

• Requires imageRUNNER ADVANCE device with Advanced Box.

\*\* Available approximately six months after launch.

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