**FUJITSU**

# Datasheet
## FUJITSU Image Scanner fi-800R

Compact and versatile scanner for the front office



The fi-800R scans A4 portrait documents at comfortable speeds of 40 ppm/80 ipm (200/300 dpi) and makes customer onboarding easy with its compact size and versatile scanning abilities.

### Ultra compact footprint for limited spaces
The fi-800R is the perfect scanner when space is limited. Designed to fit in narrow office spaces, it comes equipped with Dual Path Mechanism, enabling scanning of a wider variety of documents. Satisfy all your scanning needs, from plastic cards to booklets, with a single device.

### Versatile scanning functionalities
U-turn Scan using the ADF makes a small footprint even smaller. The stacker extends to provide neatly stacked output documents and returns to its original position once scanning has completed, so that users can easily start scanning their next batch.

### Clever ID scanning for a great customer onboarding process
Using Return Scan, scan passports and ID up to 5 mm thick without using a carrier sheet. Simple one sheet scanning also no longer requires the hassle of opening the feeder. Clever operation and fast scanning speeds of a mere 3.5 seconds reduce customer wait times and help provide great customer experiences.

### Stress-free operation with accurate paper feeding performance
Serve customers faster with the fi-800R's robust feeding functionalities. With Automatic Skew Correction functionality, documents are straightened one sheet at a time for precise paper feeding. Active Separation also adjusts pressure to ensure each sheet is separated and captured without any misfeeds. Confidently scan mixed batches and make customer onboarding more efficient.

### Advanced software for maximized efficiency
Empower reception workflows and use information more efficiently with our enhanced PaperStream IP scanner driver and integrated PaperStream Capture software. With the MRZ Recognition function, the Machine Readable Zone on passports are recognized and extracted as metadata for fast client retrieval. Users no longer need to organize documents or check if documents with photo IDs are scanned in face up, since the Front Side Detection function detects photos on ID cards and passports to automatically set pages with photos as the front side. With a few simple setting configurations, Automatic Profile Selection also allows documents to undergo image processing appropriate to each document format. All these functionalities work together to offer a wider variety of batch scanning features and make employees more efficient.

## Technical Information

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| Scanner Type | ADF (Automatic Document Feeder) / Manual Feed, Duplex | |
| Scanning Speed[1] (A4 Portrait) (Color[2]/Grayscale[2]/Monochrome[3]) | ADF | Simplex: 40 ppm (200/300 dpi) Duplex: 80 ipm (200/300 dpi) |
| | Manual Feed | 3.5 seconds (200/300 dpi) |
| Image Sensor Type | CIS x 2 (front x 1, back x 1) | |
| Light Source | RGB LED (front x 1, back x 1) | |
| Optical Resolution | 600 dpi | |
| Output Resolution[4] (Color / Grayscale / Monochrome) | 50 to 600 dpi (adjustable by 1 dpi increments) 1,200 dpi (driver)[5] | |
| Output Format | Color: 24-bit, Grayscale: 8-bit, Monochrome: 1-bit | |
| Background Colors | White | |
| Document Size | | |
| Maximum | 215.9 x 355.6 mm (8.5 x 14 in.) | |
| Minimum | 50.8 x 50.8 mm (2 x 2 in.) | |
| Long Page Scanning[6] | 5,588 mm (220 in.) | |
| Paper Weight (Thickness) | | |
| ADF | Paper | 40 to 127 g/m² (11 to 34 lb) For A6 or smaller: 40 to 209 g/m² (11 to 56 lb) For A8 or smaller: 127 to 209 g/m² (34 to 56 lb) |
| Manual Feed | Paper | 20 to 413 g/m² (5.4 to 110 lb) |
| | Plastic Card | 1.4 mm or less |
| | Booklet | 5 mm or less |
| ADF Capacity[7] | 20 sheets (A4 80 g/m² or Letter 20 lb), 30 sheets (A4 52 g/m² or Letter 14 lb) | |
| Expected Daily Volume[8] | 4,500 sheets | |
| Multifeed Detection | Overlap detection (Ultrasonic sensor) | |
| Interface | USB 3.2 Gen 1x1 / USB 2.0 / USB 1.1 | |
| Power Requirements | AC 100 to 240 V ± 10% | |
| Power Consumption | | |
| Operating Mode | 19 W or less | |
| Sleep Mode | 1.7 W or less | |
| Auto Standby (Off) Mode | 0.15 W or less | |

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| Operating Environment | |
| Temperature | 5 to 35 °C (41 to 95 °F) |
| Relative Humidity | 20 to 80% (non-condensing) |
| Environmental Compliance | ENERGY STAR®, RoHS |
| Dimensions[9] (Width x Depth x Height) | 296 x 105 x 83 mm (11.7 x 4.1 x 3.3 in.) |
| Weight | 2.0 kg (4.4 lb) |
| Supported Operating System | Windows® 10, Windows® 8.1, Windows® 7, Windows Server® 2019, Windows Server® 2016, Windows Server® 2012 R2, Windows Server® 2012, Windows Server® 2008 R2, Windows Server® 2008[10] |
| Included Software / Drivers | PaperStream IP driver (TWAIN/TWAIN x64/ISIS), WIA Driver[11], PaperStream Capture, Software Operation Panel, Error Recovery Guide, ABBYY FineReader for ScanSnap™[12], Scanner Central Admin |
| Image Processing Functions | Multi image output, Automatic color detection, Blank page detection, Static threshold, Dynamic threshold (iDTC), Advanced DTC, SDTC, Error diffusion, Dither, De-Screen, Emphasis, Dropout color (None/Red/Green/Blue/White/Saturation/Custom), sRGB output, Cropping, Index tab cropping, Split image, De-Skew, Edge correction, Vertical streaks reduction, Character extraction, Background pattern removal |
| Included Items | AC cable, AC adapter, USB cable, Setup DVD-ROM |

### Options

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| Carrier Sheets | PA03360-0013 | Each package contains 5 carrier sheets |
| Photo Carrier Sheets | PA03770-0015 | Each package contains 3 carrier sheets |
| Booklet Carrier Sheet | PA03795-0018 | Each package contains 1 carrier sheet |
| 2D Barcode for PaperStream | PA43404-A433 | Reads PDF417, QR code, Data Matrix, Aztec Code |

### Consumables

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| Pick Roller | PA03795-0001 | Every 150,000 sheets or one year |
| Pad Unit | PA03795-0002 | Every 30,000 sheets or one year |

[1] Actual scanning speeds are affected by data transmission and software processing times. [2] Indicated speeds are from using JPEG compression. [3] Indicated speeds are from using TIFF CCITT Group 4 compression. [4] When scanning in high resolutions (500 dpi or above), scanning may be rejected depending on scanning mode, document size, memory size, and application program. Selectable maximum density may vary depending on the length of the scanned document. [5] Limitations may apply to the size of documents that can be scanned, depending on system environment, when scanning at high resolution (over 600 dpi). [6] Long page scanning is only available when using the ADF. Supports documents with lengths of up to 5,588 mm (220 in.) when resolutions are set to 200 dpi or less. For higher resolutions, supported document lengths vary. [7] Maximum capacity depends on paper weight and may vary. [8] Numbers are calculated using scanning speeds and typical hours of scanner use, and are not meant to guarantee daily volume or unit durability. [9] With the ADF paper chute closed. [10] Requires PaperStream IP 2.2.0 or earlier. [11] Functions equivalent to those offered by PaperStream IP may not be available with the WIA Driver. [12] Software can be downloaded from the website designated in the Setup DVD-ROM.

**Trademarks**
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**Safety Precautions**
Be sure to carefully read all safety precautions prior to using this product and use this device as instructed. Do not place this device in wet, moist, steamy, dusty or oily areas. Using this product under such conditions may result in electrical shock, fire or damage to this product. Be sure to limit the use of this product to listed power ratings.

**ENERGY STAR®**
PFU Limited, a Fujitsu company, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. ENERGY STAR® is a registered trademark of the United States.

Specifications are subject to change without notice. Visit your local Fujitsu website for more information.

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