



SmartSource[®]

Adaptive 2.0



SmartSource Adaptive 2.0

The SmartSource Adaptive 2.0, a redesign of the original SmartSource Adaptive, is the most flexible MICR-enabled imaging solution available. The new model has significantly higher throughput than the original model. It is capable of scanning a wide variety of intermixed document types up to Legal-size (8.5 x 14.2 inches), enabling you to reduce expenses by integrating a single device that can handle all of your document imaging needs. Based on the successful SmartSource check imaging platform, the Adaptive 2.0 incorporates many of the proven features first introduced on the Professional and Expert models.

Ease of Operation

The new open feeder reduces document preparation requirements and enables one-handed loading of documents by automatically opening when empty. The SmartSource Adaptive 2.0 can be configured to start feeding automatically when documents are loaded into the feeder, with the touch of a button, or through software control. In case of a document jam, the SmartClear button eliminates the need to open or remove covers to retrieve the document.

Low Operator Maintenance

The SmartSource Adaptive 2.0 is engineered to process high volumes of daily items, yet it requires minimal maintenance. When needed, cleaning is easy. Often, all that is required is a rapid cleaning procedure which uses a cleaning card and does not require opening or removing any covers.

The optional ink-jet endorser uses a custom ink formulation which eliminates the need for operators to clean the cartridge.

Standard Features

The SmartSource Adaptive 2.0 is a perfect fit in any PC-based environment. Its extensive set of features offers unparalleled flexibility. Standard features include Optical Character Recognition (OCR), an auto-feeder with an open feeder design for improved productivity, industry-leading Magnetic Ink Character Recognition (MICR) reader, high-quality image with 300 dpi image cameras, and endorsement decisions based on MICR and/or front image content such as optical character recognition, bar code recognition, or image quality results.

Optional Feature

A front franking stamp is an optional add-on to the SmartSource Adaptive 2.0.

SmartSource Adaptive Technical Information

Document Processing Throughput	Product Dimensions	
Page: 78 dpm (65 dpm when scanning legal-size documents) Check: 105 dpm	Standard Length: 20.2 in (51.3 cm) Height: 11.3 in (28.8 cm) Depth: 6.4 in (16.2 cm)	
Power Requirements	Document Hopper	
100-240 VAC @ 50/60 Hz	30 to 100 item hopper capacity - 30 page-size items - 100 check-size items	
Weight	Document Feeder	
Installed weight: 9.7 lbs. (4.4 kg) Power supply: 0.75 lbs. (0.34 kg)	Automatic document feeder Double document detection	
Certifications	Magnetic Ink Character Recognition (MICR)	
CE, UL/TUV, CSA, RoHS, VCCI, FCC Class A	E13B and CMC7 read with auto-detect	
Document Sizes	Image Capture	
Document size - Height (min./max.): 2.00 to 8.5 inches (5.08 to 21.59 cm) - Length (min./max.): 2.90 to 14.2 inches (7.37 to 36.07 cm) Document weight - Paper weight, nominal: 20 lb (75 gr/m ²) to 24 lb (90 gr/m ²) Document Height-to-Length ratio - Minimum aspect ratio: 1.50 Document Thickness - 0.004 inches (0.1 mm) to 0.006 inches (0.15 mm)	Front and rear image capture at 300 dots per inch (dpi) Image renditions available - up to (5) bitonal and gray images Image resolutions available - 300, 240 or 200 dpi (bitonal (black / white)) - 300, 240, 200, 150, 120 or 100 dpi gray level (256 gray shades)	
Communication Interface	Image Compression Standards	
USB 2.0 high-speed	CCITT Group 4 (bitonal images) PNG Lossless Data Compression	JPEG Baseline (gray level images) BMP Uncompressed Bitmap
Operating Systems	Optical Character Recognition (OCR)	
Windows 10 Professional 32 and 64-bit Windows 8 Professional 32 and 64-bit Windows 7 Professional 32 and 64-bit	OCR-A, OCR-B, E13B, and 1D barcode fonts supported Two (2) 0.50 inch OCR scan bands provided 96 characters per scan band MICR/OCR combine read	
Operator Interface	Endorsement	
Power switch Combined Feeder Start/Stop and SmartClear Button Light Emitting Diode (LED) - Three (3) LED status lights	Front Franker - Franking roller with fixed message - Franking actuation, controlled programmatically Rear Endorser - Ink jet print cartridge (600 dpi) - One (1) to four (4) line endorsement, any True Type font - Two (2) vertical endorsement locations, manually selected by operator allows eight (8) single-line vertical endorsement locations - Graphics capable for logos and signatures - Three (3) levels of print quality (economy, standard, or premium) - Programmatically controllable based on MICR, OCR, and/or Image Quality results	
Application Programming Interfaces (API)	Output Pockets	
SmartPVA API CAPI (Common Application Programming Interface) Device Suite Professional PC version Ranger® for SmartSource Twain	Single 100 item capacity pocket	
NOTE: Not every API Operating System combination may be qualified. Contact your application provider for more information. Specific capabilities may not be supported by every API or will require a minimum API version. Contact Digital Check for more information.		

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