

SmartSource® Adaptive

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**DIGITAL
CHECK**

The SmartSource Adaptive is the most flexible MICR-enabled Digital Check® imaging solution available. This multi-format scanner is capable of scanning checks and full-page documents together in mixed batches at high speeds.

MIXED BATCH-FEED OPERATION

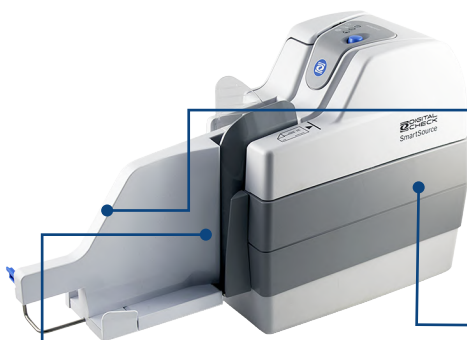
This device deploys multi-format document handling capabilities, making it a cost-effective and versatile investment. The Adaptive scans a wide variety of intermixed document types, ranging from checks to full-page legal-size documents.

4-LINE INKJET ENDORSER

The rear inkjet endorser supports static, incremental, or dynamic endorsement decisions based on MICR and/or front image content such as optical character recognition, bar code recognition, or image quality results.

KEY FEATURES & BENEFITS

- › Standard Checks
Up to **105 DPM**
- › **A4-size Pages**
Up to **78 DPM**
- › **Legal-Size Pages**
Up to **65 DPM**
- › **Improved Covers for Increased Durability**
- › **Updated Circuit Board**
 - Increased memory and processing power
 - Reduces image data processing constraints
 - All image and data processing complete when item is pocketed
 - Enables future processing enhancements
- › **1-to-4-Line Inkjet Endorser**
- › **Optional Front Franker**



IMPROVED PRODUCTIVITY

The scanner includes an open feeder design for improved productivity. The auto-feeder enables easy continuous loading of documents and automatically opens the input hopper when empty. The scanner includes a SmartClear button to easily clear document jams from the track.



EFFICIENT MIXED BATCH-FEED SCANNING

The Adaptive features a 100-item input hopper and a top speed of up to 105 documents per minute (DPM) for standard checks, and 78 DPM for A4-size pages. That makes it a versatile cost-effective solution for medium to high-volume scanning environments with mixed document types.



LOW OPERATOR MAINTENANCE

The Adaptive is engineered for minimal maintenance. Using a Digital Check cleaning card and easily removable covers and walls make regular cleaning a breeze. The inkjet endorser uses a custom ink formulation which eliminates the need to clean the cartridge. Operators will spend less time on periodic maintenance or consumable part replacement.



QUALITY IMAGE & MICR CAPTURE

The Adaptive uses 300 dpi image sensors to produce high-resolution grayscale images and applies thresholding, resulting in superb CAR/LAR read rates. Our top-of-the-line MICR read heads coupled with optical recognition offer a proven and reliable defense against ambiguous characters and out-of-spec documents.



Let's get in touch!
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Technical Specifications

SmartSource®
Adaptive

Scanner Dimensions

Height 11.3 in (28.8 cm) **Width** 6.4 in (16.2 cm)
Length 20.2 in (51.3 cm) **Weight** 9.7 lbs. (4.4 kg)

Scan Speeds - Documents Per Minute (DPM)

Up to 105 DPM (standard checks)
Up to 78 DPM (A4-size pages)

Document Input and Output Pockets

Entry Pocket Up to 100 items for standard checks, and up to 30 items for A4-size pages
Exit Pocket Up to 100 items for standard checks, and up to 30 items for A4-size pages

Document Handling

Document Height 2.00 to 8.5 in (5.08 to 21.59 cm)
Document Length 2.90 to 14.2 in (7.37 to 36.07 cm)
Document Weight 20 lb (75 gsm) to 24 lb (90 gsm)
Document Thickness 0.004 in (0.1 mm) to 0.006 in (0.15 mm)

Inkjet Endorser

User-replaceable cartridge (600 dpi printing, 1-4 lines)
Three (3) levels of print quality available (economy, standard, or premium)
User-programmable text

Franker Option

User-replaceable franker roller with fixed message

Image Sensor

Resolution 300 dpi
Light Source Tri-Color LEDs

Image Compression Standards

CCITT Group 4 (bitonal images)
JPEG Baseline (gray level images)
BMP Uncompressed Bitmap (gray level images)
PNG Lossless Data Compression (gray level images)

MICR/OCR Recognition

E13B MICR/OCR combine read
CMC7 MICR read
OCR-A, OCR-B, E13B, and 1D barcode fonts supported
Two (2) 0.50 inch OCR scan bands provided
96 characters per scan band

Productivity Functions (Smart Button)

Combined power switch, feeder start/stop
SmartClear button

Connectivity

High-speed USB 2.0 cable and power supply included

Application Programming Interfaces (API)

SmartPVA API
Ranger Transport API (purchased separately from Silver Bullet Technology Inc.)

Supported Operating Systems

SmartPVA for Windows
Windows 11, Windows 10 (32/64 bit)

Ranger

Standard Warranty

One year

Power Requirements

100-240 VAC @ 50/60 Hz
Operating Power 25 W
Standby Power 3 W

Environmental

Operating Temperature 60° - 90° F (15° - 32° C)
Operating Humidity 35 - 85% non-condensing

Certifications

Safety UL, cUL, CE, BIS
Emissions FCC: Class A, ICES-003, CE, VCCI
Power Supply Efficiency CEC Level IV
RoHS Compliant



Part Number

SSA1-65105-P20 (Adaptive with inkjet endorser)
SSA1-65105-P20-F (Adaptive with inkjet endorser and franker)



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