

# SmartSource<sup>®</sup> Adaptive

## The Secure Choice<sup>®</sup>



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



### 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.



### 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**



### 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, and more time servicing your clientele.



### 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.



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## Scanner Specifications



### 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** (Please contact Silver Bullet Technology Inc. directly for information about Ranger's supported operating systems)

### Standard Warranty

One year pursuant to Digital Check Corp.'s limited product warranty

### 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

CE, UL/CUL, FCC Class A, ICES, VCCI, RoHS

### Part Numbers

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

