



# SmartSource<sup>®</sup>

## Micro Adaptive



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### SmartSource Micro Adaptive

Digital Check, the recognized world leader for payment-related products and services, offers the SmartSource Micro Adaptive scanner, a low-cost, small-footprint scanner optimized for low volume applications. Like all scanners in the Digital Check portfolio, the SmartSource Micro Adaptive provides industry-leading quality and performance.

The SmartSource Micro Adaptive scanner is designed with the low-volume operator in mind. The durability of the scanner, maintenance-free design, and ease of use ensure a positive experience for the user.

#### Ideal for Low-volume Applications

Optimized for low-volume applications requiring both check and document scanning, the SmartSource Micro Adaptive scanner is perfect for remote deposit capture or low-volume teller capture. The SmartSource Micro Adaptive is designed as a single-feed device to scan documents as fast as they can be fed into the scanner. The smallest scanner in its class, the SmartSource Micro Adaptive has a very small desktop footprint.



#### ID Card & Document Scanning

The SmartSource Micro Adaptive scanner also has the capability to scan rigid items such as ID and health insurance cards, and up to A4-sized documents eliminating the need for additional document scanning hardware. ID cards and other non-check documents are scanned using an alternate input path in order to protect any magnetic stripe that may be present. The entire top of the track is also open, allowing the user to pass A4 items in portrait mode for alternate capture of an item that has an OCR or MICR code-line across the bottom of the page.

#### Micro Adaptive Serial Embedded API

The Micro Adaptive comes with onboard processing power to provide all item processing results normally determined in the API, including MICR and OCR reading, image cleanup, image compression and multiple image formats internally – meaning zero setup and maximum compatibility options for end users. This embedded API is compatible with Windows, Mac, and Linux operating systems.

#### Inkjet Endorsement Capability

The Micro Adaptive is available with a one-line inkjet print head that endorses the backs of checks as they're scanned, fulfilling the remote deposit security requirements of many financial institutions.

## SmartSource Micro Adaptive Technical Information

### Document Processing Throughput

Single-Feed throughput - can exceed 30 documents per minute for checks and up to 15 A4 documents per minute using the alternate input path

### Document Sizes

Primary (check) input  
Document Size

- Height: 2.00 to 11.69 inches (5.08 to 29.69 cm)
- Imaged height: 8.5 inches (21.60 cm)
- Length: 2.9 to 9.25 inches (7.37 to 23.5 cm) Document weight
- Paper weight: 12 to 28 lb (45 to 105 gsm)

### Alternate Input:

- Alternate input accepts ID cards up to 0.030 inches (0.76 mm) thick as well as documents too tall to scan through the primary input.
- Imaged Height: 2.00 to 8.5 inches (5.08 to 21.60 cm)
  - Imaged Length: 2.90 to 11.69 inches (7.37 to 29.7 cm)

### Rear Endorsement (optional)

Digital Check MS0083 Ink jet print cartridge  
(1) One line endorsement variable size font

### Magnetic Ink Character Recognition (MICR)

Magnetic E13B and CMC7 MICR read  
E13B Optical read for combined MICR/OCR results

### Optical Character Recognition (OCR)

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

### Certifications

CE, UL/cUL, VCCI, FCC Class A, CAN ICES-3(B)/NMB-3(B)

### Application Programming Interfaces (API)

The Micro Adaptive SE embedded USB messaging format is compatible with a variety of operating systems including Windows, Mac, Linux, and other point of sale operating systems.

### Power Requirements

100-240 VAC @ 50/60 Hz  
Operating Power: 18.3 W  
Standby Power: 3 W



### Communication Interface

USB 2.0 high-speed

### Scanner Size

Length: 12.0 in (30.48 cm)  
Width: 5.0 in (12.7 cm)  
Height: 11.15 in (28.3 cm)  
Weight: 3.5 lbs (1.6 kg)

### Image Capture

Front and rear image capture at 300 dots per inch (dpi)  
Up to five (5) images  
Image renditions available  
- Bi-tonal (black/white)  
- Gray level (256 gray levels)  
Image resolutions available  
- 240, 200, 300 dpi, gray level or bi-tonal  
- 120, 100, 300 dpi, gray level

### Image Compression Standards

CCITT Group 4 (bi-tonal images)  
JPEG and PNG (gray level images)

### Operator Interface

Combined power switch, feeder start/stop, and SmartClear button  
Light Emitting Diode (LED)

For more information about the entire line of Digital Check remote capture products, call 1-847-446-2285 or visit [www.digitalcheck.com](http://www.digitalcheck.com)

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**SmartTIP** For more information use your smartphone and snap a photo.

