



- Small Footprint and Efficient Design
- Single Feed Check and Full Page Document Scanning
- ID Card Capture
- Onboard Intelligence and API
- E13B and CMC7 MICR Recognition with Auto-Detect and integrated E13B Optical Recognition Assist

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 environment, yet with the durability, maintenance-free design, and ease of use for which Digital Check has a reputation for providing.

Ideal for Low-volume Applications

This scanner is created for banks and business requiring both check and document scanning. The SmartSource Micro Adaptive single-feed scanner is perfect for remote deposit capture, or when used in the health care sector, public (government) records and more; being designed 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 and 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 full page sized documents (up to 8.5 x 14 inches) 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 or US Letter sized 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 single-line inkjet print head that endorses the backs of checks as they're scanned, fulfilling the remote deposit security requirements of many financial institutions.

PRODUCT SPECIFICATIONS

Scanner Dimensions

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

Scan Speeds - Documents Per Minute (DPM)

Standard Checks: Up to 30 DPM
A4 / US Letter Documents: Up to 15 DPM

Document Input and Output Pockets

Entry Pocket: Up to 100 item hopper capacity
Entry pocket automatically opens for ease of use
Double document detection
Exit Pocket: Up to 150 items

Document Handling

Document Height: 2.00 to 6.00 in (5.08 to 15.24 cm)
Image Capture Height: Up to 4.25 in (10.80 cm)
Document Length: 2.90 to 9.25 in (7.37 to 23.5 cm)
Document Weight: 16 to 28 lb (60 to 105 gsm)
Document Thickness: 0.0032 - 0.0058 in (0.081 - 0.147 mm)
Accepts 12 lb (45 gsm) paper at a reduced throughput and pocket capacity
Front ID Input: ID cards and items up to 3.375 x 2.25 in (85.60 x 53.98 mm)
ID Card Capture (supported by application)

Endorsement Option

User-replaceable cartridge (96 dpi printing, 1-line)
Three (3) levels of print quality available (economy, standard, or premium)

Image Sensor

Resolution: 600 dpi
Light Source: Tri-Color LEDs

Image Capture

Two (2) color images or a combination of up to five (5) bi-tonal and gray

Image renditions available

- Bi-tonal (black/white)
- Gray level (256 gray shades)
- Color (24-bit, RGB) – CAPI only

Image resolutions available

- 300 dpi, color only (reduced throughput) – CAPI only
- 240, 200 dpi, gray level or bi-tonal
- 120, 100 dpi, gray level

Image Compression Standards

CCITT Group 4 (bi-tonal images)
JPEG Baseline (gray level images)
Uncompressed 24-bit, RGB pixel data (color images)*
*SmartPVA only

MICR/OCR Recognition

E13B and CMC7 auto-sensing
OCR-A, OCR-B, E13B
Two (2) 0.50 inch OCR scan bands provided
96 characters per scan band
MICR/OCR combine read

Productivity Functions

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
CAPI 10
Ranger (purchased separately from Silver Bullet)

Supported Operating Systems

CAPI 10
Windows 8®, Windows 10® (32/64 bit versions)
Ranger (contact Silver Bullet for details)

Standard Warranty

1 year depot 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/TUV, CSA, RoHS, VCCI, FCC Class A
2010 Appliance Efficiency Regulations, California, Title 20



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