

# SmartSource<sup>®</sup> Expert Micro Elite



## The Secure Choice<sup>®</sup>

The SmartSource Expert Micro Elite is a low-cost, compact scanner optimized to run either as a traditional USB scanner or as a **network-enabled scanner**. Like all scanners in the Digital Check portfolio, the SmartSource Expert Micro Elite provides industry-leading quality and performance – and it also has the smallest footprint of any tabletop check scanner.



### AUTOMATED CLEANING

An LED light alerts the user when it is time to clean. The user then simply presses the Smart Button three times to activate cleaning mode, inserts a fresh cleaning card, and the scanner performs a unique cleaning sequence that scrubs the track and cleans the sensors.

### ID SCANNING

The Expert Micro Elite features two-sided 600 dpi image sensors that produce high resolution full color or grayscale images. It can scan rigid items such as ID and health insurance cards. Its open top track allows capture of items up to 4.25 inches in height.

### SINGLE-FEED OPERATION

The single feed Expert Micro Elite has a track speed that can handle checks as fast as you can feed them into the device. The check scanner is the smallest in its class, taking up very little desktop or teller counter space.

### KEY FEATURES & BENEFITS

- **Onboard Intelligence**
  - Minimum Installation Profile
  - Embedded APIs (USB & Network) with Auto-Detection
- **Fast and Affordable Single-Feed Scanner**
- **ID Card Scanning**
- **Single-line Inkjet Endorser Option**
- **Automated Cleaning with Smart Button Indicator**
- **Open-Top Track for Easy Access**
- **E13B and CMC7 MICR Recognition with Auto-Detect and Integrated E13B Optical Recognition Assist**



### Traditional USB or Network-Enabled

The SmartSource Expert Micro Elite is flexible enough to be operated as a traditional USB scanner today (SmartPVA API or DCC API), and then can be easily switched to become a network-enabled scanner (Ethernet or Ethernet-over-USB/RNDIS) when you're ready with the simple press of the Smart Button. We call it SimpleSwitch and we make the process just that, simple!



### Built-In Processing

The Expert Micro Elite performs key functions onboard the scanner including double document detection, MICR recognition, OCR recognition, combined MICR/OCR recognition, image cleanup, image thresholding, cropping, and compression for color, black and white, and grayscale images.



### Industry Leading Image & MICR Capture

The Expert Micro Elite uses 600 dpi image sensors and applies thresholding to create high-resolution images resulting in superb CAR/LAR read rates. Our top-of-the-line MICR read heads coupled with optical recognition interpret even the weakest magnetic signals and identify ambiguous characters.

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## Scanner Specifications



### Scanner Dimensions

Height: 6.99 in (17.8 cm)  
Width: 4.18 in (10.6 cm)  
Length: 6.96 in (17.7 cm)  
Weight: 2.9 lbs. (1.32 kg)

### Scan Speeds - Documents Per Minute (DPM)

Up to 45 DPM

### Document Input and Output Pockets

Entry Pocket: Single feed scanner (1 item at a time)  
Exit Pocket: 1 item

### 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  
Alternate Input: ID cards and items up to 0.030 in (0.76 mm) thick, and items taller than 6.00 in (15.24 cm)  
ID Card Capture (SecureLink API only)

### 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

### Endorsement Option

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

### Image Sensor

Resolution: 600 dpi  
Light Source: Tri-Color LEDs

### Image Compression Standards

CCITT Group 4 (bi-tonal images)  
JPEG Baseline (gray level images)  
JPEG Compression (color images)

### Productivity Functions (Smart Button)

Combined power switch, feeder start/stop SmartClear button, and cleaning mode LED status light

### Connectivity

High-speed USB 2.0 cable and power supply included

### Application Programming Interfaces (API)

SecureLink 2.0 API - Network Mode (includes RNDIS)  
SmartPVA API - USB Mode Only  
DCC API - USB Mode Only  
Ranger (purchased separately from Silver Bullet)

### Supported Operating Systems

#### SecureLink 2.0 API

OS Independent

#### SmartPVA

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

#### DCC API

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

### Standard Warranty

1 year depot warranty

### Power Requirements

100-240 VAC @ 50/60 Hz  
Operating Power: 20 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, BIS, RoHS

### Part Numbers

SSX1-MICROELITE-RNIJ (with Inkjet Endorser)