

SmartSource® Expert Micro Elite

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The SmartSource Expert Micro Elite is a low-cost, compact scanner optimized to run over an Ethernet network connection using SecureLink by Digital Check® 2.0 API. 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.



ID CARD SCANNING

The Expert Micro Elite features dual 600 dpi image sensors that produce high-resolution images. It can also 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 & SMALL FOOTPRINT

The single-feed Expert Micro Elite has a track speed of 45 documents per minute (DPM) and 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
 - SecureLink 2.0 API
- › Fast and Affordable
- › ID Card Scanning
- › Single-Line Inkjet Endorser
- › Automated Cleaning with Smart Button Indicator
- › Open-Top Track for Easy Access
- › Fast and Affordable E13B and CMC7 MICR Recognition with Auto-Detect and Integrated E13B Optical Recognition Assist

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.



AFFORDABLE AND COST-EFFECTIVE

Built with the quality of Digital Check batch-feed scanners, but with a much smaller footprint and at a significantly lower cost. So, whether you need an RDC scanner in North America or an enterprise scanner to handle checks, coupons, or other compatible payment forms in other parts of the world, this is the scanner for you!



BUILT-IN PROCESSING

The Expert Micro Elite performs key functions onboard the scanner, including double-feed 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

600 dpi image sensors and applies thresholding to create accurate high-resolution images, resulting in superb CAR/LAR read rates. The 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®
Expert Micro Elite

Scanner Dimensions

Height 6.99 in (17.8 cm) **Width** 5.00 in (12.7 cm)
Length 6.96 in (17.7 cm) **Weight** 2.9 lbs. (1.3 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)
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 2.0 API only)

MICR/OCR Recognition

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

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 (bitonal images)
JPEG Baseline (gray level images)

Productivity Functions (Smart Button)

Combined power switch, feeder start/stop, clear document jams, and cleaning mode
Multi-colored LED status light

Connectivity

High-speed USB 2.0 cable and power supply included
10/100 Ethernet

Application Programming Interfaces (API)

SecureLink 2.0 API (includes RNDIS)

Supported Operating Systems

SecureLink 2.0 API
OS Independent

SecureLink-RNDIS
Windows 10, Windows 11 (32/64 bit)
Mac OS

Standard Warranty

One year

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

Safety UL, cUL, CE
Emissions FCC: Class B, ICES-003, CE
Power Supply Efficiency DOE Level VI
RoHS Compliant



Part Numbers
SSX1-MICROELITE-RNIJ
(Expert Micro Elite with inkjet endorser)



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