

SmartSource® Expert Elite

The Secure Choice®



The SmartSource Expert Elite is the next-generation, network-enabled scanner built upon our popular Elite series. Designed for medium to high-volume environments, it supports both USB and Ethernet connectivity—start scanning with USB today, and effortlessly switch to Ethernet with a simple button sequence whenever you're ready. The Expert Elite is The Secure Choice® for your financial institution.



ID CARD SCANNING

Features two-sided full color ID card capture using 600 dpi image sensors; sensitive enough to read barcodes, capture microprinting, and other modern security features.



AUTOMATED CLEANING

An indicator light alerts users when it is time to clean. Use the Smart Button to activate cleaning mode, insert a cleaning card and the scanner performs a unique cleaning sequence that scrubs the track and cleans the image sensors.

KEY FEATURES & BENEFITS

- **Batch-Feed: Scan up to 170 DPM (USB) or 150 DPM (Network)**
- **Traditional USB or Ethernet connectivity, easily switchable**
- **Up to 4-Line Inkjet Endorsement**
- **Automated Cleaning with Smart Button Indicator**
- **ID Card Scan**
- **Smart Button Combines Power Switch, Feeder Start/Stop, Cleaning Mode, SimpleSwitch, and LED Status Light**

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Up to 4-LINE ENDORSER

The rear inkjet endorser prints up to four lines of text or graphics and supports True Type fonts and various foreign fonts, along with three print quality settings.



Fast, Quality Batch Scanning

The Expert Elite is a powerful check scanner, well-suited for most environments—including teller and branch capture. It features a 100-item input hopper and achieves top speeds of 170 documents per minute (DPM) in USB mode and 150 DPM in network mode, making it an ideal solution for medium to high-volume check scanning needs.



Versatile Connectivity Network or Traditional USB

The SmartSource Expert 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) when you're ready with the simple press of the Smart Button. We call it SimpleSwitch and we make the process just that, simple!



Quality Image & MICR Capture

The Expert 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.



SmartSource[®] Expert Elite

Specifications



Scanner Dimensions

Height: 6.89 in (17.5 cm)
Width: 5.39 in (13.7 cm)
Length: 8.86 in (22.5 cm)
Weight: 4.85 lbs. (2.2 kg)

Scan Speeds - Documents Per Minute (DPM)

Network Mode: Up to 150 DPM
USB Mode: Up to 170 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 5.83 in (5.08 to 14.80 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 2.13 in (85.72 x 54.10 mm)
ID Card Capture (supported by application) (ID capture in network mode via SecureLink 2.0 API only)

Endorser

User-replaceable cartridge (600 dpi printing, 1-4 lines)
User-programmable text
Three (3) levels of print quality available (economy, standard, or premium)

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

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
Clear document jam
Activate Cleaning mode
Multi-colored LED status light

Connectivity

USB 2.0
10/100 Mbit Ethernet
Category 5e Ethernet and high-speed USB 2.0 cables included

Application Programming Interfaces (API)

SecureLink 2.0 API - Network Mode (Ethernet or Ethernet over USB)
SmartPVA API - USB Mode Only
DCC API - USB Only
DeviceSuite API

Supported Operating Systems

SecureLink API
OS Independent
SecureLink-Ethernet over USB
Windows 11/10 (x86 and x86-64)
DeviceSuite
OS Independent
SmartPVA
Windows 11/10 (x86 and x86-64)
DCCAPI
Windows 11/10 (x86 and x86-64)

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

Safety:
UL, cUL, CE, BIS

Emissions:

FCC: Class B
ICES-003
CE

Power Supply Efficiency:

DOE Level VI
RoHS Compliant

Part Numbers

SSX1-Elite (Standard Model - 75 DPM)
SSX1-Elite-FS (Full Speed Model - 150 DPM (Network) or 170 DPM (USB))

