

# SmartSource® Expert Elite

## The Secure Choice®



The SmartSource Expert Elite adds a standard Ethernet connection and onboard intelligence to the popular SmartSource Elite series. It includes built-in memory and processing power providing the ability to operate over a browser-based interface in nearly any computing environment or on any operating system.



### 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

- **Onboard Intelligence**  
- Minimum Installation Profile
- **Batch-Feed: Scans up to 75 or 150 DPM**
- **1-4 Line Inkjet Endorser**
- **ID Card Capture**  
- USB Mode (SmartPVA or DCC API)  
- Network mode  
SecureLink 2.0 API Only)
- **Automated Cleaning Mode**

### BUILT-IN PROCESSING

In network mode, the scanner performs key functions including MICR processing, image clean-up and compression onboard the scanner before the data is transmitted to the PC or server, greatly reducing demands on network bandwidth. Key functions include double-document detection, MICR recognition, OCR recognition, combined MICR/OCR recognition, image cleanup, adaptive thresholding, cropping, and compression for color, black-and-white, and grayscale images.



### Fast, Quality Batch Scanning

The Expert Elite is ideal for teller capture or remote deposit applications. With a 100-item input hopper and a top speed of up to 150 documents per minute, there's no job it can't handle.



### Secure & Reliable

The Expert Elite builds on years of check scanning success through both our Digital Check and SmartSource products. Our products are used and trusted by many of the largest banks both domestically and internationally.



### Industry Leading Image & MICR Capture

The Expert Elite uses 600 dpi image sensors and Digital Check's adaptive thresholding to capture high-resolution images that result 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, offering ultimate peace of mind against fraud prevention.



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The Expert Elite is network enabled with embedded intelligence (SecureLink by Digital Check®) through a standard Ethernet connection. Optionally, the Expert Elite can also be tethered to a supported device using RNDIS (Remote Network Driver Interface Specification), an Ethernet interface over a standard USB connection.

## Network Enabled with Embedded Intelligence

SecureLink 2.0 API is designed to reside in the scanner itself, not your workstation or server. The SecureLink 2.0 API acts as the network device that communicates via browser on your teller workstation. It effectively acts as a pass-through for data from a central server and delivers two major benefits to end users:



### Gain OS, Device, and Browser Flexibility

SecureLink enables deployment in a virtual desktop environment and allows the scanner to be utilized on any device that is connected to the network. The custom designed network-based interface makes it possible for the Expert Elite to be controlled by devices using virtually any operating system, including traditional PCs as well as handheld devices and touchscreens.



### Eliminate Network Bandwidth Bottlenecks

Onboard processing and image compression eliminate the issue of extreme amounts of data transferring over a network connection. Digital Check incorporated image compression within the API that is embedded in the scanner itself. File sizes are reduced by 99% before they even reach the network, eliminating network bottlenecks.

## Optional Receipt Printer Attachment

Digital Check offers the ReceiptNOW Elite thermal printer, designed to fit underneath the Pro Elite Plus, minimizing overall space requirements. The ReceiptNOW Elite printer can be configured with both Ethernet and USB connections.



Scan QR Code to Learn More About SecureLink by Digital Check®



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## 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)

USB Mode: Up to 75 or 170 DPM  
Ethernet Mode: Up to 75 or 150 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)

### Inkjet Endorser

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

### 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)

### 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

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

### Connectivity

High-speed USB 2.0 and Category 5e (Cat5e) Ethernet cables included 10/100 Mbit Ethernet Connectivity

### Application Programming Interfaces (API)

SecureLink 2.0 API - Network Mode (Ethernet or RNDIS)  
SmartPVA API - USB Mode Only  
DCC API - USB Only  
DeviceSuite API  
Ranger Transport API (purchased separately from Silver Bullet Technology Inc.)

### Supported Operating Systems

**SecureLink API**  
OS Independent  
**SecureLink-RNDIS**  
Windows 11, Windows 10, Windows 8.1 (32/64 bit)  
**DeviceSuite**  
OS Independent  
**SmartPVA**  
Windows 11, Windows 10, (32/64 bit)  
**DCCAPI**  
Windows 11, Windows 10 (32/64 bit)  
**Ranger** (contact Silver Bullet for details)

### 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

CE, UL/CUL, FCC Class A, ICES, VCCI, BIS, RoHS

### Part Numbers

SSX1-Elite (Standard Model - 75 DPM)  
SSX1-Elite-FS (Standard Model - 150 DPM)

