

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

## The Secure Choice<sup>®</sup>



The SmartSource Expert Elite includes a standard Ethernet connection and is optimized to run over a network using SecureLink by Digital Check. Its built-in memory and processing power provide the ability to operate over a browser-based interface in nearly any computing environment or on any operating system. Embedded intelligence performs image thresholding and compression onboard the scanner, saving valuable bandwidth.



### BUILT-IN PROCESSING

Performs key functions including MICR processing, image cleanup 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-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.



### ID CARD SCANNING

Features two-sided ID card capture using 600 dpi image sensors that produce high resolution color or grayscale images.



### 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 sensors.

### KEY FEATURES & BENEFITS

- **SecureLink 2.0 with Onboard Intelligence**
- **Minimal Installation Profile**
- **Embedded SecureLink 2.0 API**
- **Onboard image thresholding, improves the image and reduces file sizes over the network**
- **Batch-Feed: Scans up to 75 or 150 DPM**
- **1-to-4-Line Inkjet Endorser**
- **ID Card Capture**
- **Automated Cleaning with Smart Button Indicator**



### Fast, Quality Batch Scanning

The Expert Elite is ideal for teller capture or back counter applications. The scanner features a 100-item input hopper and a top speed of up to 150 documents per minute, making it the ideal solution for high-volume check scanning environments.



### Secure & Reliable

The Expert Elite builds on years of check scanning success through both our TellerScan SmartSource product lines. Our products are used and trusted at the teller window and back counter by many of the largest banks both domestically and internationally.



### Industry Leading 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 offer the best defense against ambiguous characters and out-of-spec documents.

**DATA FINANCIAL, INC.**

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The Expert Elite is network enabled through a standard Ethernet connection using SecureLink by Digital Check<sup>®</sup> API. Optionally, the Expert Elite can be connected to a host computer using RNDIS (Remote Network Driver Interface Specification), a virtual Ethernet link over USB.

### Network Enabled with Embedded Intelligence

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



#### **Gain Operating System, Device, and Browser Flexibility**

SecureLink 2.0 API enables deployment in a virtual desktop infrastructure (VDI) environment and allows the scanner to be controlled by 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, 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 incorporates image compression within the API that is embedded in the scanner itself. File sizes are reduced by up to 99% before they even reach the network, eliminating bottlenecks and bandwidth issues.



#### **Minimal Installation Profile**

Scanner setup is greatly simplified by eliminating the need to install a Digital Check USB driver and API software on the workstation. Simply connect via an Ethernet cable and identify the Expert Elite scanner on the network.



#### **Stackable Receipt Printer**

Digital Check offers the ReceiptNOW<sup>®</sup> Elite thermal printer, designed to fit underneath the Expert Elite scanner, minimizing overall space requirements. The ReceiptNOW Elite printer can be configured with either Ethernet or USB connections.

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## Specifications



### Scanner Dimensions

Height: 6.99 in (17.8 cm)  
Width: 5.39 in (13.7 cm)  
Length: 8.86 in (22.5 cm)  
Weight: 4.7 lbs. (2.1 kg)

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

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-feed 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)  
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)

### 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 (Smart Button)

Functions: LED status light, combined power switch, feeder start/stop, clear document jam, and activate cleaning mode

### Connectivity

Category 5e (Cat5e) Ethernet cable supply included  
10/100 Mbit Ethernet Connectivity

### Application Programming Interfaces (API)

SecureLink 2.0 API (includes RNDIS)  
Device Suite embedded API  
Ranger Transport API (purchased separately from Silver Bullet Technology Inc.)

### 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 (for 75 DPM Model)  
SSX1-Elite-FS (for 150 DPM Model)