

SmartSource[®] Expert Elite

The Secure Choice[®]



The Expert Elite delivers superior performance with the ability to operate in either native USB mode (SmartPVA or DCC API) or network-enabled via SecureLink 2.0 with the ability to easily switch from one mode to the other without the need to update firmware. The Expert Elite delivers the flexibility to operate as a standard USB scanner, with the option to move to a network connection at any time.



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

- Operates on SecureLink 2.0 API (Network); SmartPVA (USB); DCC API (USB)
- Batch Feed - Scan Speeds (75 or 170 DPM) in USB Mode
- 1-to-4-Line Inkjet Endorser
- Automated Cleaning with Smart Button Indicator
- ID Card Scan
- E13B and CMC7 MICR Recognition with Auto-Detect and integrated E13B Optical Recognition Assist

ETHERNET OR USB, YOUR CHOICE

As your branch needs evolve, the Expert Elite is designed to evolve with you. If you move to a virtual branch environment, you can reset the scanner via simple button push and the scanner will connect to your new network-enabled environment. No firmware update is required.



Fast, Quality Batch Scanning

The Expert Elite is ideal for teller and back counter applications. The Expert Elite features a 100-item input hopper and a top speed of up to 170 documents per minute, making it the ideal scanner for high-volume check scanning environments.



Networkable

The Expert Elite is network-enabled via either RNDIS or Ethernet using SecureLink 2.0 API. However, if you're not yet network-ready, you can still operate it in native USB mode via SmartPVA or DCC API.



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.



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Whether you're operating in a network environment or not quite there yet, Expert Elite can adapt to your needs and easily switch when you're ready. The Expert Elite can also be tethered to a supported device using RNDIS (Remote Network Driver Interface Specification), a virtual Ethernet interface over a standard USB connection.

Network Enabled with SecureLink 2.0 Via Ethernet

SecureLink 2.0 API is designed to reside in the scanner itself, not your workstation or server, and works 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 Operating System and Browser Flexibility

Once converted to network mode, any Windows 10, 11, macOS, or virtual desktop device can communicate with the Expert Elite as it is OS-independent. This enables flexibility in choosing from a range of operating systems and desktop or laptop devices.



Image Compression & Clean Up for Improved Network Bandwidth

Our state-of-the-art capture technology features black-and-white, grayscale, and color image capture with image de-skew, image cleanup and compression of multiple front and rear image renditions. Digital Check incorporated image compression within each of its APIs whether network or USB based. File sizes are reduced by up to 99% before they even reach the network, eliminating bottlenecks and bandwidth issues.



Stackable Receipt Printer

Digital Check offers the ReceiptNOW® Elite Ethernet thermal printer, designed to fit underneath the Expert Elite minimizing overall space requirements. The ReceiptNOW Elite Ethernet printer can be configured to use either an Ethernet or USB connection.



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



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Specifications



Scanner Dimensions

Height: 6.99 in (17.8 cm)
Width: 5.93 in (13.7 cm)
Length: 8.66 in (22.5 cm)
Weight: 4.7 lbs. (2.1 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-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 ink cartridge (600 dpi printing, 1-4 lines)
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)
JPEG Compression (color images)

MICR/OCR Recognition

E13B MICR/OCR combined read
CMC7 MICR read
OCR-A, OCR-B, E13B, and select 1D barcodes
Two (2) 0.50-inch OCR scan bands provided
96 characters per scan band

Productivity Functions (Smart Button)

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 and power supply included
10/100 Mbit Ethernet Connectivity

Application Programming Interfaces (API)

SecureLink 2.0 API - Network Mode (includes RNDIS)
SmartPVA API - USB Mode Only
DCC API - USB Only
DeviceSuite 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: 48 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 A
ICES-003
CE
VCCI

Power Supply Efficiency:

DOE Level VI

RoHS Compliant

Part Numbers

SSX1-Elite (for 75 DPM Model)
SSX1-Elite-FS (for 150 DPM Ethernet/170 DPM USB Model)

