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systems

# Network Scanners

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The SmartSource Expert Elite represents the state of the art in network-ready check scanning devices, backed by Digital Check's decades of experience working with virtual branch environments. As an "embedded" network device, it contains a processor and API inside the scanner itself for maximum ease of use.

Based on the popular SmartSource Elite series of check scanners, the Expert Elite includes all the new features of the enhanced Elite product line. See below for details.

## SMART SOURCE EXPERT ELITE

# FEATURES

- Built-in onboard processor and embedded API
- Available as USB-to-Ethernet convertible scanner (Pro Elite Plus)
- Supports SecureLink 2.0 network API, and RNDIS protocol (Ethernet over USB)
- Scans up to 150 documents per minute
- Up to 4-line rear Inkjet endorsing option
- Includes all “Enhanced” Elite series features
- Optional network-ready receipt printer available (ReceiptNOW Elite)
- Uses ink cartridge: 822120984 (SmartSource multi-line inkjet cartridge)

## Operating System Independent with a Built-In API

The critical intelligence to drive and control the SmartSource Expert Elite is all contained within the device itself, making it simple to operate on nearly any kind of network environment. Digital Check’s SecureLink API uses a streamlined set of commands designed for network protocols, so that the scanner can be controlled by nearly any device that can run a web browser.

It doesn’t matter whether you’re using a Windows PC, an Android tablet, or a virtual environment with “thin-client” workstations — the Expert Elite will run smoothly and independently, regardless of your local network configuration. It can be located and addressed easily by all approved devices.

## Automatic Cleaning Mode

New Elite series scanners — including the Expert Elite — come with an automatic cleaning mode to help you with the maintenance of your device. As seen in the demonstration video at right, cleaning mode can be activated by pressing the “SMART” LED button three times, and the scanner scrubs the cleaning card against key components. This removes any chance for operator error, and ensures the device is cleaned thoroughly. The LED indicator also reminds you when it’s time for maintenance.

Even better, if you already own an older Expert Elite scanner, you can still enable the new cleaning mode through a firmware update.

## 600 dpi Front-Feed ID Card Capture

No matter how you’re using ID card images, chances are you already have a check scanner at the teller window, so using it to capture IDs also is a win-win situation. We’ve made that even easier with a new front-facing ID card track built in to every SmartSource Elite and Expert Elite series scanner.

Many of the smaller machine-readable features on ID cards — such as bar codes and microprinting — need a high-resolution image, so we’ve upgraded the image sensors on the Elite series to capture in 600 dpi full color.



## OPTIONS FOR EVERY SITUATION

### **USB Mode Today, Ethernet Tomorrow**

If you're considering a change to your branch environment, but your hardware replacement schedule doesn't line up with that exactly, the SmartSource Pro Elite Plus gives you the flexibility to move ahead at your own pace. It has both a USB and an Ethernet port, as well as the same onboard intelligence of the Expert Elite — kept "dormant" until you need it. It can be converted to a fully network-ready scanner through a firmware update. [Click to learn more.](#)

### **Modular Receipt Printing**

The ReceiptNOW Elite teller receipt printer is designed to work with all Elite series scanners, including the Expert Elite. The modular thermal printer sits underneath the scanner and saves valuable counter space at your teller stations. It's also available in a network-ready model, with dual Ethernet ports for "chaining" it on the same wired connection as the scanner.

### **RNDIS - Flexible Connectivity Options**

The Expert Elite supports the RNDIS "Ethernet over USB" protocol with Windows and some Mac OS X versions. It's capable of emulating an Ethernet connection so that it can receive the same browser-based command sets over a standard USB connection, so you have the maximum number of options for connectivity in your network environment.



# TECHNICAL SPECIFICATIONS

## Unit Size

**Height:** 6.99" (17.8 cm)

**Width:** 5.39" (13.7 cm)

**Length:** 8.86" (22.5 cm)

**Weight:** 4.7 lbs. (2.1 kg)

## Miscellaneous

Rear endorser: 600 dpi, 1-4 lines

MICR: E13B and CMC7 (auto-detecting)

OCR: OCR-A, OCR-B, E13B

Operating power: 25 W

## Scanner Speed

Rated speed: 75 or 150 documents per minute

Image sensor: 600 dpi color

Input capacity: 100 items

Exit pocket capacity: 150 items

## Required Operating System

SecureLink API: OS ind.

SecureLink/RNDIS: Windows 8, Windows 10 (32/64-bit), Mac OS X (contact us for specific versions)

SmartPVA: Windows 8, Windows 10 (32/64-bit)



The SmartSource Expert is Digital Check's only network-focused scanner with a two-pocket sorting capability, and contains all the features of the SmartSource Professional series check scanners — plus onboard intelligence for use with networked virtual desktop infrastructure. The SmartSource Expert has a self-contained API and drivers that handle key tasks internally, making it easy to run in a variety of operating environments. Check images are scanned and compressed onboard the scanner before they are transmitted to the workstation — dramatically reducing demands on network bandwidth. It scans and sorts at 80 documents per minute.

## **NETWORK- READY CHECK SCANNER — SMART SOURCE® EXPERT**

# FEATURES

- Scans 80 documents per minute
- Open top track
- SmartClear button for clearing document jams
- Optional auto-feed upon inserting documents
- E13B and CMC7 MICR recognition with auto-detect

An onboard CPU allows you to operate the SmartSource Expert without being tethered to a specific PC. It also handles key image processing functions internally, before the images are sent out over the network. The SmartSource Expert series comes with the same set of features available on our popular Professional check scanner series. Standard features include an auto-feeder with an open feeder design for improved productivity, Magnetic Ink Character recognition (MICR) reader, and image cameras.

## Advanced Networking

IP connectivity works well in Citrix implementations, allowing you to simplify network manageability and administration requirements.

## Internal memory

The SmartSource Expert can store up to 1,000 check images in memory, providing a buffer against network slowdowns or interruptions. Check scanning can continue even while other parts of your network are experiencing heavy traffic or downtime.

## LCD Display

A backlit LCD display enables the scanner to easily communicate status or error codes to the operator.



## TECHNICAL SPECIFICATIONS

### Unit Size

**Height:** 7.0" (17.8 cm)

**Width:** 5.99" (15.2 cm)

**Length:** 10.5" (26.7 cm)

**Weight:** 6.5 lbs. (3.0 kg)

### Scanner Speed

Four speeds available:  
80, or 120 documents per  
minute

### Image Capture

Front and rear at 300 dpi  
Two (2) color or up to five  
(5) combined grayscale or  
bi-tonal images  
OCR-A, OCR-B, and E13B  
optical character  
recognition supported

### Required Operating System

Operating system independent



The SmartSource Expert Micro Elite is Digital Check's first single-feed check scanner with built-in network technology. The embedded processor running our SecureLink 2.0 API allows browser-based control from any connected PC or handheld device, including tablets, smartphones, and other touchscreens.

Based on the popular SmartSource Micro Elite, this device measures just 7 inches by 5 inches, about the size of a postcard. It has all the same features of its cousin, including ID card capture and a rated speed of up to 45 documents per minute. Its built-in processing power handles key functions such as image compression onboard the scanner, greatly reducing the device's network bandwidth consumption. The Micro Elite is an affordable, OS-independent intelligent device that is ideally suited for thin-client workstations and virtual desktop environments.

## **SMARTSOURCE<sup>®</sup> EXPERT MICRO ELITE – NETWORK-READY RDC SCANNER**

# TECHNICAL SPECIFICATIONS

## Unit Size

**Height:** 6.99" (17.8 cm)

**Width:** 5.0" (12.7 cm)

**Length:** 6.96" (17.7 cm)

**Weight:** 2.7 lbs. (1.2 kg)

## Scanner Speed

Single-feed  
up to 45 documents per  
minute

## Image Capture

Front and rear at 300 dpi  
Up to five (5) combined  
grayscale or bi-tonal  
images  
OCR-A, OCR-B, and E13B  
optical character  
recognition supported

## Operating Systems

Windows 10 Professional  
32/64-bit  
Mac OS X (Ranger for Micro  
Elite SE and Micro Elite  
SE/inkjet only)  
Windows 8 Professional  
32/64-bit



Designed for TellerScan  
and CheXpress models

The SecureLink module is a plug-in appliance that turns your standard TellerScan or CheXpress scanner into a network-ready check scanner. It has a small processor that runs Digital Check's SecureLink network API, and handles scanner operation and image compression in a self-contained environment.

SecureLink is Digital Check's network API that allows scanners to be controlled using a streamlined set of browser-based commands, independently of any specific workstation or operating system.

## SECURELINK NETWORK MODULE

# FEATURES

- Uses SecureLink 2.0 network API
- Compatible models – SecureLink External Device: TellerScan TS500, TellerScan TS240, CheXpress CX30
- (Some other scanners can use the SecureLink API without the external device – click [here](#) for more information)
- Can be used with new scanners as well as existing devices already installed
- Runs scanner independently of host operating system
- Ideal for virtual branch environments including Citrix and VMWare
- Onboard processing and image compression
- Control with a PC, tablet, or smartphone via wired or secure WiFi connection

## SecureLink — the API

First and foremost, “SecureLink” is the name of Digital Check’s new-generation network API. This is the software that lets the scanner communicate with your branch or office network. It uses a streamlined network protocol so that it can accept commands from any device that can run a browser.

The original SecureLink API (sometimes informally called “SecureLink 1.0”) was launched in 2015, and is only for TellerScan and CheXpress models. The current SecureLink 2.0 API also works with those models, as well as the SmartSource scanner line.

## SecureLink — the External Device

That’s the device you’re reading about on this page! It’s basically just a very small computer that runs the SecureLink API and plugs into your scanner to help it run in a network environment.

## SecureLink “Embedded”

This refers to certain scanners that run the SecureLink API internally, on their own built-in hardware. It’s just a different way of running the same API, without needing the external plug-in. This is how SmartSource scanners use SecureLink.

## Network Connectivity for Our Most Popular Models

The SecureLink Network Module brings new life to scanners that were originally designed for standard USB connections: The CheXpress CX30, TellerScan TS240, and TellerScan TS500.

## Compact and Efficient

At about the same size as a hockey puck, the SecureLink Network Module can fit just about anywhere on your desktop or teller station. Since it’s small and hardly uses any power, it doesn’t have any special ventilation or location requirements, either.



# TECHNICAL SPECIFICATIONS

## Unit Size

**Height:** 1.1" (2.79 cm)

**Width:** 3.4" (8.63 cm)

**Length:** 4.0" (10.6 cm)

**Weight:** 0.19 lbs. (0.09 kg)

## Scanner Models Supported

CheXpress CX30

TellerScan TS240

TellerScan TS500

## API's / Operating Systems

SecureLink API: OS independent

SecureLink/RNDIS: Windows 8, Windows 10 (32/64-bit), Mac OS X (contact us for specific versions)

SmartPVA: Windows 8, Windows 10 (32/64-bit)

## Required Operating System

Operating system independent