DIGITAL CHECK®

SmartSource®

Expert Elite
Intelligent Network Scanner

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SmartSource Expert Elite

The SmartSource Expert Elite scanner adds a standard Ethernet connection and built-in intelligence to the popular SmartSource Elite series platform. The Expert Elite includes all of the features that make the Elite series an ideal check scanner for teller and remote deposit capture applications including a small footprint, durable design, high speed, and industry leading image capture of checks.

In addition to an Ethernet connection, the Expert Elite scanner is capable of performing all required image and MICR processing while maintaining rated throughput.

Built-in processing incorporates double-document detection, MICR recognition, OCR recognition, combined MICR/OCR recognition, image clean-up, thresholding, cropping, and compression.

The Intelligent Network Advantage

Network scanners with built-in SecureLink™ intelligence have an incredible advantage over USB scanners and network scanners lacking embedded processing. Unlike USB scanners, the Expert Elite is not tethered to a single computer and can be shared by multiple users.

In addition, the Expert Elite is easily deployed in a virtual desktop environment. Built-in processing and image compression eliminates the issue of extreme amounts of data transferring over a USB connection.

Scanner installation is greatly simplified by eliminating the need to install a USB driver and API software. Simply connect Expert Elite scanner to the client network and it is ready to go. The Expert Elite also operates via Ethernet over RNDIS (Remote Network Driver Interface Specification).

Easy network connectivity combined with Digital Check's industry-leading quality and performance make the SmartSource Expert Elite intelligent network scanner the perfect fit for deployment in teller and remote deposit capture environments.

SmartSource Expert Elite Technical Information

Document Processing Throughput
Document throughput of 55 or 150 documents per minute

Power Requirements
100-240 VAC @ 50/60 Hz
Operating Power: 20 W
Standby Power: 3 W

Weight
Installed weight: 4.7 lbs (2.1 kg)
Power supply: 0.55 lbs (0.25 kg)

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

Document Sizes
Document size
- Height: 2.00 to 6.00 inches (5.08 to 15.24 cm)
- Imaged height: 4.25 inches (10.80 cm)
- Length: 2.90 to 9.25 inches (7.37 to 23.5 cm)

Document weight
- Paper weight: 16 to 28 lb (60 to 105 gsm)
- Accepts 12 lb (45 gsm) paper at a reduced throughput & pocket capacity

ID Card Capture (SecureLink API only)

Communication Interface
10/100 Ethernet
USB 2.0 high-speed

Operating Systems
SecureLink API
- OS-Independent
SecureLink-RNDIS
- Windows 8 through 10 - 32 & 64 bit
DeviceSuite
- OS-Independent
SmartPVA/Ranger for Windows
- Windows 7-10 - 32 & 64-bit

Application Programming Interfaces (API)
SecureLink 2.0 API
SmartPVA API
Ranger (purchased separately from Silver Bullet)
Device Suite embedded API

Single Output Pocket
150 item pocket capacity

Automatic Document Feeder
Up to 100 item hopper capacity
Automatically opens for ease of use
Double document detection

Dimensions
Length: 8.86 in (22.5 cm)
Width: 5.39 in (13.7 cm)
Height: 6.99 in (17.8 cm)

Magnetic Ink Character Recognition (MICR)
Magnetic E13B and CMC7 MICR read
E13B Optical read for combined MICR/OCR results

Image Capture
Front and rear image capture at 300 dots per inch (dpi)
Up to five (5) images

Image renditions & resolutions available
– Black & White: 200/240 dpi   (TIFF format)
– Gray: 100/120/150/200/240 dpi (TIFF or JPEG format)
– Color: 200/240/300 dpi   (TIFF or JPEG format)

Image Compression Standards
CCITT Group 4 (bi-tonal images)
JPEG Baseline (gray level images)

Operator Interface
Combined power switch, feeder start/stop, and SmartClear button
Light Emitting Diode (LED)

Optical Character Recognition (OCR)
OCR-A, OCR-B, E13B
Two (2) 0.50 inch OCR scan bands provided
96 characters per scan band
MICR/OCR combine read

Rear Endorsement
Ink jet print cartridge (600 dpi)
One (1) to four (4) line endorsement
Three (3) levels of print quality (economy, standard, or premium)

NOTES: Not every API Operating System combination may be qualified. Contact your application provider for more information.

Specific capabilities may not be supported by every API or will require a minimum API version. Contact Digital Check for more information.