DIGITAL CHECK®

SmartSource®

Expert Elite
Intelligent Network Scanner

SmartSource Expert Elite

The SmartSource Expert Elite scanner adds a standard 100Base-T 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 and ID cards.

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.
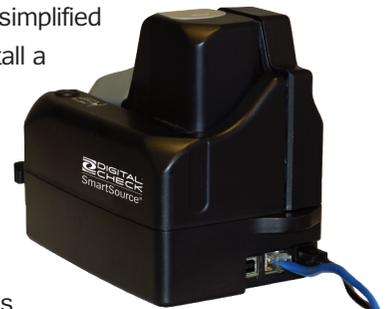
The Intelligent Network Advantage

Network scanners with built-in 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 the Expert Elite scanner to the client network and it is ready to go.

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
- Alternate input accepts ID cards & other media up to 0.030 inches thick

Communication Interface

10/100 Ethernet

Operating Systems

Windows 7 Professional 32 and 64-bit
Windows 8 Professional 32 and 64-bit
Windows 10 Professional 32 and 64-bit

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)

Application Programming Interfaces (API)

SmartPVA API
Ranger

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)
Depth: 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 available
- Bi-tonal (black/white)
- Gray level (256 gray levels)

Image resolutions available
- 240, 200 dpi gray level or bi-tonal
- 120, 100 dpi gray level

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, and 1D barcode fonts supported
Two (2) 0.50 inch OCR scan bands provided
96 characters per scan band
MICR/OCR combine read

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.

For more information about the entire line of Digital Check remote capture products, call 1-847-446-2285) or visit www.**digitalcheck**.com

SmartTIP Use your smartphone for more information.