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: 8.96 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

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**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.