



SmartSource®

SmartSource® UV Elite



SmartSource UV Elite

The Digital Check SmartSource UV Elite scanner is designed to meet all international regulatory and industry standards for processing ultraviolet (UV) security features on documents. This second generation UV scanner represents the maturation of UV check scanning technology which began with the highly successful SmartSource Professional UV scanner. Digital Check technological advances in UV check scanning combined with the SmartSource Elite series optimization of teller capture capability result in a UV check scanner that is unequaled in the industry.

The compact, low-cost Elite series scanner is optimized for front counter applications where desktop space is limited – yet has the processing speed and pocket capacity to excel in branch capture applications. The Elite series enables not only UV check scanning, but also the processing of UV security features on ID cards and taller documents. The SmartSource Elite series is recognized as the industry leader in quality and performance.

New UV Technological Advances

Taking advantage of the new Digital Check UV camera technology not available with older devices, the SmartSource UV Elite provides a low-cost solution that incorporates improved UV image quality and enhanced fraud detection capabilities.

Automating Fraud Detection

The Digital Check SmartSource UV Elite scanner minimizes costly manual inspection of potential fraudulent items through automation. The SmartSource UV Elite scanner security features analyze text, barcodes and other patterns, and can detect alteration of original documents. Automating the check inspection process allows banks to expand this practice to all of their documents – further eliminating fraud.

UV Elite Capabilities

The Digital Check SmartSource UV Elite scanner incorporates an anti-fraud camera that uses ultraviolet (UV) and infrared (IR) light to detect security features not visible to the human eye or traditional scanning equipment. This technology is consistent with regulatory or bank standards for UV check security in all countries that have adopted UV technologies as a deterrent to check fraud. The UV properties of the physical document are recognized and alterations to the original document will cause a disturbance in the UV or IR coating in such a way that is invisible to the human eye on the physical document but visible in the UV image.

The SmartSource UV Elite can also be used in a non-UV mode compatible with existing applications and can process checks at up to 155 documents per minute, making it the industry-leading performer in all areas.

SmartSource UV Elite Technical Information

Document Processing Throughput

Document throughput of up to 155 documents per minute or up to 80 documents per minute while capturing UV images

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

FCC, UL, CB, CE, VCCI, RoHS (other certifications pending)

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)
- (Adding Machine Tape Mode supports up to 6 feet)

Document Weight:

- Paper weight: 16 to 28 lb (60 to 105 gsm)
- Alternate input accepts ID cards & other media up to 0.030 inches thick

Communication Interface

USB 2.0 high-speed

Operating Systems

Windows 10 Professional 32 and 64-bit
Windows 8/8.1 Professional 32 and 64-bit
Windows 7 Professional 32 and 64-bit

Rear Endorsement

Ink jet print cartridge (600 dpi)
One (1) to four (4) line endorsement, any True Type font
Graphics capable for logos
Three (3) levels of print quality (economy, standard or premium)

Application Programming Interfaces (API)

CAPI (Common Application Programming Interface)
Ranger® for SmartSource

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)

E13B and CMC7 read with auto-detect

Optical Character Recognition (OCR)

OCR-A, OCR-B, E13B, and barcode fonts supported
Two (2) 0.50 inch OCR scan bands provided
96 characters per scan band
E13B MICR/OCR combined read

Image Capture

Front and rear image capture at 300 dots per inch (dpi)
Gray Scale mode:

- Up to three (3) front images, each with independent color control (Infrared, Gray, or Ultraviolet)
 - Bi-tonal (1-bit, black/white), CCITT compressed
 - 240 or 200 dpi
 - Gray Scale (8-bit), JPEG compressed
 - 240, 200, 120, 100 dpi
- Up to two (2) rear images
 - Bi-tonal (1-bit, black/white), CCITT compressed
 - 240 or 200 dpi
 - Gray Scale (8-bit), JPEG compressed
 - 240, 200, 120, 100 dpi

300 dpi Color mode (reduced throughput)

- Front pseudo-color image, 24-bit bitmap (Infrared, Gray, Ultraviolet)
- Rear color image, 24-bit bitmap (Red, Green, Blue)

Image Compression Standards

CCITT Group 4 (bi-tonal images)
JPEG Baseline (color and gray level images)
Color JPEG

Operator Interface

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

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

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SmartTIP For more information use your smartphone and snap a photo.