SmartSource® Pro Elite UV

The Secure Choice®

The SmartSource Pro Elite UV includes all the features that make a scanner ideal for teller and remote deposit capture applications, including a small footprint, durable design, high-speed capture, and industry leading MICR accuracy and image quality on checks and other documents. The Pro Elite UV enables not only UV check scanning, but also the processing of UV security features on ID cards and taller documents up to 4.5".

ID CARD SCANNING

Features two-sided ID card capture using 600 dpi image sensors that produce high-resolution color or greyscale images.

AUTOMATED CLEANING

An indicator light alerts users when it is time to clean. Use the Smart Button to activate cleaning mode, insert a cleaning card and the scanner performs a unique cleaning sequence that scrubs the track and cleans the sensors.

1-to-4 LINE ENDORSER

A rear inkjet endorser prints up to four lines of text or graphics and supports True Type fonts and various foreign fonts. The endorser provides two operator-selectable height adjustments and three print quality settings.

KEY FEATURES & BENEFITS

- **Batch-Feed - Scans up to 80 DPM in UV Mode and 170 DPM Greyscale Non-UV Mode**
- **1-to-4-Line Inkjet Endorser**
- **Automated Cleaning with Smart Button Indicator**
- **ID Card Scan**
- **E13B and CMC7 MICR Recognition with Auto-Detect and integrated E13B Optical Recognition Assist**
- **Smart Button Combines Power Switch, Feeder Start/Stop, Cleaning Mode and LED Status Light**

Fast & Powerful Batch-Feed Scanning

The Pro Elite UV is powerful enough for teller capture or branch capture, yet versatile enough for a small business. The Pro Elite UV features a 100-item input hopper and a top speed of up to 80 documents per minute in UV mode, making it an ideal check scanner for medium to high-volume check scanning environments. The scanner can also process checks at up to 170 documents per minute when used in a non-UV mode.

UV Scanning

The scanner uses ultraviolet (UV) light to detect security features invisible to the human eye and traditional scanning equipment. The Pro Elite UV is designed to detect UV check security features required in countries that have adopted UV technologies as a deterrent to check fraud. The scanner captures quality images and UV properties invisible to the naked eye and enable applications to detect alterations to the original document by identifying disturbances in the UV coating.

Automating Fraud Detection

As an automated reading platform, the SmartSource Pro Elite UV scanner minimizes costly manual inspection of potentially fraudulent items. The scanner's high-resolution UV image capture provides security applications the quality they need to analyze text, barcodes and other patterns, and to detect alteration of original documents. Automating the check inspection process allows banks to expand this practice to all of their documents - further minimizng fraud.

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SmartSource® Pro Elite UV
Scanner Specifications

Scanner Dimensions
Height: 6.99 in (17.8 cm)
Width: 5.39 in (13.7 cm)
Length: 8.86 in (22.5 cm)
Weight: 4.7 lbs. (2.1 kg)

Scan Speeds - Documents Per Minute (DPM)
170 DPM non-UV mode, or 80 DPM in UV mode

Document Input and Output Pockets
Entry Pocket: Up to 100 item hopper capacity
Entry pocket automatically opens for ease of use
Double-feed document detection
Exit Pocket: Up to 150 items

Document Handling
Document Height: 2.00 to 6.00 in (5.08 to 15.24 cm)
Image Capture Height: Up to 4.25 in (10.80 cm)
Document Length: 2.90 to 9.25 in (7.37 to 23.5 cm)
Document Weight: 16 to 28 lb (60 to 105 gsm)
Document Thickness: 0.0032 - 0.0058 in (0.081 - 0.147 mm)
Front ID Input: ID cards and items up to 3.375 x 2.25 in (85.60 x 57.15 mm)
ID Card Capture (supported by application)

Inkjet Endorser
User-replaceable cartridge (600 dpi printing, 1-4 lines)
Three (3) levels of print quality available (economy, standard, or premium)
User-programmable text

Image Sensor
Resolution: 600 dpi
Light Source: Tri-Color LEDs
Front Ultraviolet (UV) Image Sensor

Image Compression Standards
CCITT Group 4 (bitonal images)
JPEG Baseline (grey level images)
JPEG Compression (color images)

Image Capture
- Up to three (3) front images, each with independent color control (Grey, Ultraviolet, or Inverted Ultraviolet)
  - Bitonal (1-bit, black/white), CCITT
    - 600, 300, 240 or 200 dpi
  - Greyscale (8-bit), JPEG
    - 600, 300, 240, 200, 150, 120, 100 dpi
- Up to two (2) rear images
  - Bitonal (1-bit, black/white), CCITT
    - 600, 300, 240 or 200 dpi
  - Greyscale (8-bit), JPEG
    - 600, 300, 240, 200, 150, 120, 100 dpi
- 600 or 300 dpi Color mode (reduced throughput)
  - Front pseudo-color image (24-bit Red, Green, Ultraviolet), JPEG
  - Rear color image (24-bit Red, Green, Blue), JPEG

MICR/OCR Recognition
E13B and CMC7 auto-sensing
OCR-A, OCR-B, E13B
Two (2) 0.50-inch OCR scan bands provided
96 Characters per scan band
MICR/OCR combined read

Productivity Functions (Smart Button)
Functions: Combined power switch, feeder start/stop, clear document jam, and cleaning mode
Multi-colored LED status light

Connectivity
High-speed USB 2.0 cable and power supply included

Application Programming Interfaces (API)
SmartPVA API
Ranger Transport API (purchased separately from Silver Bullet Technology Inc.)

Supported Operating Systems
SmartPVA for Windows
Windows 11, Windows 10 (32/64 bit)
Ranger (Please contact Silver Bullet Technology Inc. directly for information about Ranger's supported operating systems)

Standard Warranty
One year pursuant to Digital Check Corp.'s limited product warranty

Power Requirements
100-240 VAC @ 50/60 Hz
Operating Power: 48 W
Standby Power: 3 W

Environmental
Operating Temperature: 60° - 90° F (15° - 32° C)
Operating Humidity: 35 - 85% non-condensing

Certifications
Safety:
UL, cUL, CE, BIS

Emissions:
FCC: Class A
ICES-003
CE
VCCI

Power Supply Efficiency:
DOE Level VI

RoHS Compliant

Part Number
SSP1-ELITEUV (Pro Elite UV)

Stackable Receipt Printer Option

Digital Check offers the ReceiptNOW® Elite thermal printer, designed to fit underneath the Pro Elite UV, minimizing overall space requirements. The ReceiptNOW Elite printer can be configured with both Ethernet and USB connections.

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