SmartSource®

Professional

Professional 2-Pocket

SmartSource Professional

Digital Check has provided the financial industry with over 60 years of innovation and excellence based on an in-depth knowledge of its operational requirements. Continuing that tradition is the newest SmartSource Professional; designed to meet customer needs in front counter, back office, and merchant environments. The new SmartSource Professional is easier to operate and requires minimal operator maintenance.

Improved Efficiency

The new open feeder reduces document preparation requirements and enables easy loading of documents by automatically opening the input hopper when empty. The SmartSource Professional can be configured to start feeding automatically when documents are loaded into the feeder. In case of a document jam, the SmartClear button eliminates the need to open or remove covers to retrieve the document.

Reduced Maintenance Requirements

The SmartSource Professional is engineered to process high volumes of daily items, yet it requires minimal maintenance. When needed, cleaning is easy. Often, all that is required is a rapid cleaning procedure which uses a cleaning card and does not require opening or removing any covers. The standard ink-jet endorser uses a custom ink formulation which eliminates the need for operators to clean the cartridge. The result is more time for the operator to be productive servicing their clients, and less time spent on periodic maintenance and consumable replacement.

Standard Features

The SmartSource Professional is a perfect fit in any PC-based environment. Its extensive set of features offers unparalleled flexibility. Standard features include an auto-feeder with an open feeder design for improved productivity, industry-leading Magnetic Ink Character Recognition (MICR) reader, superior image quality with 300 dpi image cameras, endorsement and pocket decisions based on MICR and/or front image content such as optical character recognition (OCR), barcode recognition, or image quality results. The SmartSource Professional also includes the capability to scan a variety of documents, such as ATM envelopes and very short pieces of paper (less than three inches [7.6 cm] in length).

Optional Features

Optional features include a variety of scanner speeds, one or two pockets, OCR, barcode recognition, color imaging, and endorsement options. The SmartSource Professional features 120 or 200 documents per minute throughput with one or two pockets. The 4-line rear ink-jet endorser supports any Microsoft true-type font and eliminates the need for a separate receipt/validation printer. In addition to endorsing customer-deposited checks, the SmartSource printer is capable of validating internal cash tickets and an array of teller documents including customized customer deposit receipts, envelopes, and even official checks. A front franking stamp is available for remote deposit capture. Many of these features can be upgraded at your location (on-line) as your business requirements expand.

SmartSource Professional Technical Information

Document Processing Throughput	Dimensions
Document throughput of 120 or 200 documents per minute (dpm)	Length: 10.5 in (26.7 cm) Depth: 5.99 in (15.2 cm) Height: 7.0 in (17.8 cm)

Power Requirements	Document Hopper
100-240 VAC @ 50/60 Hz	Up to 100 item hopper capacity

Weight	Document Feeder
Installed weight: 6.5 lbs. (3.0 kg) Power supply: 0.75 lbs. (0.34 kg)	Automatic document feeder Double document detection

Certifications	Magnetic Ink Character Recognition (MICR)
CE, UL/TUV, CSA, RoHS, VCCI, FCC Class A	E13B and CMC7 read with auto-detect

Document Sizes	Image Capture

Document size
- Height (min./max.): 2.00 to 4.25 inches (5.08 to 10.80 cm)
- Length (min./max.): 2.90 to 9.25 inches (7.37 to 23.5 cm)
 	
Document weight
- Paper weight, nominal: 20 to 24 lb
  - 20 lb. long grain (75 gr/m^2)
  - 24 lb. short or long grain (90 gr/m^2)
 	
Document Height-to-Length ratio
  - Minimum aspect ratio: 1.50
	Front and rear image capture at 300 dots per inch (dpi)
	Two (2) color images or a combination of up to five (5) bi-tonal and gray scale images
	
	Image renditions available
	- Bi-tonal (black/white)
	- Gray level (256 gray shades)
	- Color (24-bit, RGB) – Device Suite only
	
	Image resolutions available
	- 300 dpi, color only (reduced throughput) – Device Suite only
	- 240, 200 dpi, gray level or bi-tonal
	- 120, 100 dpi, gray level

Communication Interface	Image Compression Standards
USB 2.0 high-speed	CCITT Group 4 (bi-tonal images) JPEG Baseline (gray level images) Uncompressed 24-bit, RGB pixel data (color images) – Device Suite only

Operating Systems	Optical Character Recognition (OCR)
Windows 10 Professional 32 and 64-bit Windows 8 Professional 32 and 64-bit Windows 7 Professional 32 and 64-bit	OCR-A, OCR-B and E13B fonts supported Two (2) 0.50 inch OCR scan bands provided 96 characters per scan band MICR/OCR combine read

Operator Interface	Endorsement
Power switch Combined Feeder Start/Stop and SmartClear Button Light Emitting Diode (LED) - Three (3) LED status lights	Front Franker - Franking roller with fixed message - Franking actuation, controlled programmatically Rear Endorser - Ink jet print cartridge (600 dpi) - One (1) to four (4) line endorsement, any True Type font - Two (2) vertical endorsement locations, manually selected by operator allows eight (8) single-line vertical endorsement locations - Graphics capable for logos and signatures - Three (3) levels of print quality (economy, standard, or premium) - Programmatically controllable based on MICR and/or OCR read

Application Programming Interfaces (API)	Output Pockets
CAPI (Common Application Programming Interface) Device Suite Professional PC version Emulation Middleware Ranger® for SmartSource (purchased separately from Silver Bullet)	Single or dual pocket configuration available 100 item pocket capacity per pocket Pocket selection under application control, based on MICR, OCR, and/or Image Quality results

NOTE: 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

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