

SmartSource[®] Professional



SmartSource Professional

Burroughs Payment Systems has provided the financial industry with over 100 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 optional 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 is available in 30, 55, 80, or 120 documents per minute styles 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.



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New Look

The SmartSource Professional now has a new look! Black and grey covers match existing teller equipment and stays looking sharp for years.

1 - Auto-open Feeder

Perhaps the most exciting new feature is that the feeder now automatically opens, enabling easy loading and avoiding potential document skew. The feeder will close to start feeding and re-open when the feeder is empty. This facilitates loading of documents, but also holds them securely in place while processing, avoiding potential document feed exceptions from documents 'walking' away from the feeder mechanism.

2 - Integrated Pocket Extender and Check Limit

Durability is important in many production environments; whether it is a crowded teller window or a business manager's office. The scanner is not in a protected space, but is subject to accidental bumping or other unexpected mishaps. The new integrated pocket extender and check limit are permanently attached to the unit. The result is a sturdier scanner, less likely to require repair or part replacement. The pocket extender and check limit also cannot be removed or misaligned by mistake reducing document skew and pocket jams.

3 - Maintenance-free Pocket Paddle

The operator-replaceable pocket flexures have been replaced by a maintenance-free paddle that will last the life of the product, eliminating this as a consumable.

4 - Maintenance-free Ink Felt Pad (Ink Catcher)

The new SmartSource Professional now includes a high-capacity sealed ink pad that has been designed to last the life of the product in front counter applications. The new ink felt pad is designed to last over 3,000,000 items with single-line endorsement. The sealed ink pad is integrated into the removable rear camera wall which can be replaced if needed.

5 - New Ink Cartridge Housing

The new SmartSource Professional includes a latching ink cartridge housing which has been designed for ease of use and is similar to ink cartridge housings typically found in consumer-based ink-jet printers. The mechanism provides correct insertion feedback to the operator (the housing clicks shut to signal the cartridge is inserted and ready for use). It also prevents the cartridge from being installed incorrectly, taking the guesswork out of the installation process.

6 - Feeder Capacity

The new SmartSource Professional comes standard with a 100-item capacity. Additional items may be added to the input hopper while the machine is in operation.

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800.666.2980
Sales@UniLinkinc.com
www.UniLinkinc.com

SmartSource Professional Technical Information

Document Processing Throughput	Dimensions
Document throughput of 30, 55, 80 or 120 documents per minute (dpm)	Length: 10.5 in (26.7 cm) Depth: 5.99 in (16.0 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 XP Professional 32-bit Windows VISTA Business 32 and 64-bit Windows 7 Professional 32 and 64-bit Linux (Ubuntu 9.04, 32-bit, Ubuntu 9.10, 32-bit, Fedora 12, 32-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) CAPI for Linux Device Suite Professional PC version Emulation Middleware Ranger® for SmartSource Twain	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

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For more information, or to order:

UniLink™

800.666.2980

Sales@UniLinkinc.com

www.UniLinkinc.com