L-1 IDENTITY SOLUTIONS

Features and Benefits

The B5000-SC document scanner with SmartChip Technology is a new solution designed to automatically read and authenticate e-passport documents with contact-less smart chips, as well as passports, drivers' licenses and ID cards that people use as proof of identity.

Smart chip enabled for ICAO e-passports and US VISIT requirements.

Modular design, with the ability to implement additional security layers as needed.

Reliably authenticates identity documents to assist in ensuring that the individuals are who they say they are.

Automated authentication speeds document processing and decreases errors due to human limitations such as fatigue, collusion, and extortion.

The system's simplicity and degree of automation means minimal training is required.

Captures a full range of color document images using visible and other light sources, providing a visual record of both human-readable and machine readable information.

Document Authentication Family

L-1 Offers Smaller and Sleeker New Readers with Enhanced Functionality

The new B5000 and B5000-SC are smaller, sleeker, lighter and faster than their predecessors. The B5000-SC (with its improved antennae design) has the enhanced ability to not only read passports but authenticate documents that have the embedded RFID chips in them. Both document scanners support faster customer processing and have a very small footprint which is ideal for environments where counter space is limited.

Both the B5000 and B5000-SC also have the following enhancements:

• Ability to take advantage of L-1 leadership in automated document authentication as an option – now or later
• Automated document detection
• New method of holding document in place ("brushes")
• Faster and more accurate reads of both RFID and non-RFID passports

SmartChip Features

• Verifies smart chip data in e-passports and the MRZ (machine-readable zone) checksum, expiration date check, confirms presence of B900 ink

• Captures, analyzes, and authenticates information contained in travel and identity documents with color images (Visible, IR, UV, Seal, Tamper) and higher resolution than our popular grayscale system used world wide

• Populates user applications with information contained in the identity document

• Tests information for formatting consistency to confirm authenticity

• Cross-checks information contained in SmartChips against document.

• Supports auto-detection

J1000 Card Reader

The new J1000 card reader is a breakthrough identity document authentication scanner that sets a new industry model in size, weight, performance and cost of ownership. The J1000 automatically scans document images, printed text and barcode/magnetic strip information and searches for and authenticates document security features using multiple light spectrums—without sacrificing accuracy or ease of use.

B5000 & B5000-SC Specifications

Image Resolution	400 DPI
Minimum Host PC Requirements	Pentium® IV (2.8 GHz) Windows® XP or Windows® 2000 512 MB of available memory 40 GB of available disk USB 2.0
Size and Weight	5.59" (14.20 cm) Height 7.5" (19.05 cm) Width 10" (25.4 cm) Depth 4.25 lbs (1.93 kg) Weight
Power Supply	100-240 VAC 47-63 Hz 60W
Compliance	FCC Part 15, Class A SITA ARINC CSA/NRTL

J1000 Specifications

Minimum Host PC Requirements	Pentium® IV (2 GHz) Windows® XP or Windows® 2000 512 MB memory 40 GB HD USB 2.0
Integrated Magnetic Stripe Reader	Integrated 1D/2D Barcode Recognition
Image Resolution	380 DPI, 24-bit Color
Light Bands	Visible, Infrared
Capture/OCR Time	About 5 seconds
Size and Weight	5" (12.5 cm) Height 5.88" (15 cm) Width 7.5 (18.5 cm) Depth| 1.96 lbs (.89 kg) Weight
Compliance	CSA/NRTL FCC Part 15, Class A

The B5000-SC
Easily Integrates with
Existing End-user Applications

There are many options for integrating complementary third-party software components into an ID-Suite™ solution. The simple USB 2.0 interface connects the product to your PC. Software can interact directly with ID-Suite™ applications and interfaces.ID-Dataport is a standard component of ID-Suite™ and provides configurable device emulation, allowing the B5000-SC to transmit data to your legacy systems that are already in place.

The ID-Suite™ software suite is also available with these additional technology options:

• iA-Passport® - ICAO documents, Passports, and Visa document profile database

• iA-License - US and Canadian Driver's License document profile database

• Textwatch® - Text based watch list interface

• DL-Alert® - Magnetic stripe or barcode reading and data verification

• Face recognition, iris, and fingerprint matching integration

For more information, please contact our team at info@viisage.com.

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An L-1 Identity Solutions Company