

AFS 510

COMPACT TEN-PRINT LIVE SCANNER
WITH FEATURE-RICH SDK



TEN-PRINT FLAT AND ROLL FINGER SCANNER

The AFS 510 is a sturdy yet compact, easy-to-use, professional ten-print live scan solution that captures flat and rolled fingerprints. It provides fast, forensic-quality fingerprint capturing, enrolled fingerprint images comply with U.S. strict biometric standards: the FBI IAFIS IQS Appendix F.

Auto-capture function and real-time NIST quality check with sequence verification ensures the capture of high-quality prints. The smart user interface on the scanner guides the user through the capture process while the operator can handle other duties. AFS 510 is an ideal choice for high volume fingerprint enrollments and/or verification applications like border control, national ID, eVISA, voter registration, employee screening. Its robust metal case and large scanning platen make it ideal for use in harsh environments as well. AFS 510 comes with an SDK package, which ensures easy integration into any IT environment.

KEY FEATURES

- 4+4+2 flat and roll fingerprint capturing
- Compliancy with FBI IAFIS IQS Appendix F
- Excellent quality, 500 PPI finger images
- Support for various Windows® and Linux platforms, BioApi compatibility
- Real-time NFIQ quality control

MAIN BENEFITS

- Providing convenient fingerprint capturing with large scanning platen and ergonomic design
- Offering fully configurable and customizable capture processing
- Guiding the user through the entire capture process with smart LED indicator system, built-in sound signal
- Yielding forensic-quality fingerprint enrollment



IMMIGRATION



E-GATE



CRIMINAL
PROCESSING



RESTRICTED
AREAS



LAW
ENFORCEMENT



BORDER
CONTROL



VISA
ISSUING



KIOSK
INTEGRATION



FBI
CERTIFICATE

SPECIFICATIONS

AFS 510

CAPTURE UNIT

Resolution	500 PPI
Platen size	91 mm × 78 mm (3.58" × 3.07")
Active platen area	84 mm × 77 mm (3.31" × 3.03")
Capture	Automatic: single fingerprint rolls, single fingerprint flats, four finger slaps, two thumbs
LED indicators	Smart multicolor LED indicator system
Interface	USB 2.0
Power	Via USB or external power supply

COMPLIANCES & CERTIFICATIONS

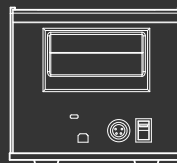
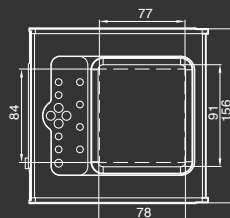
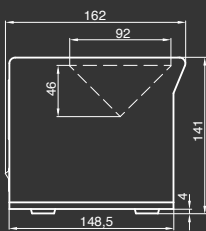
Compliances	ANSI/NIST-ITL-1-2000 ISO/IEC 19794-4 ISO/IEC 19784-1:2005 (BioApi 2.0) NFIQ (NIST Finger Image Quality)
Certifications	FBI IAFIS IQS Appendix F FBI v3.1 certified WSQ CE FCC

SOFTWARE

SDK – Feature-rich SDK that includes:	auto-capture image quality checks automatic segmentation sequence check
Capture format	WSQ, PNG, BMP, JPEG and JPEG2000
Operating Systems	Windows 10, 8.1, 8, 7, Vista (32/64 bit, WHQL certified) 32/64 bit Server 2008 R2 and Server 2003 Linux Ubuntu, Debian, OpenSUSE, CentOS
Programming Languages	C/C++, C#, Visual Basic 6.0, Delphi, VB.NET, Java

MECHANICAL AND OTHER DATA

Dimensions	156 mm × 141 mm × 162 mm (6.14" × 5.55" × 6.38")
Weight	3.0 kg (6.61 lbs.)
Case	100 % protective metal case
Operating temperature	+5 °C to +40 °C (41-104 °F)
Operating humidity	0-95 % (non-condensing)
Security	Kensington® security slot
Warranty	2-year warranty, upgradeable



AFS 510 fits with any kiosk and self-service desk integration



Technical specifications are subject to change without prior notice. This document does not constitute an offer.

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