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
SPECIFICATIONS

AFS 510

CAPTURE UNIT

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>500 PPI</td>
</tr>
<tr>
<td>Platen size</td>
<td>91 mm x 78 mm (3.58&quot; x 3.07&quot;)</td>
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<tr>
<td>Active platen area</td>
<td>87 mm x 77 mm (3.43&quot; x 3.03&quot;)</td>
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<tr>
<td>Capture</td>
<td>Automatic: single fingerprint rolls, single fingerprint flats, four finger slaps, two thumbs</td>
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<tr>
<td>LED indicators</td>
<td>Smart multicolor LED indicator system</td>
</tr>
<tr>
<td>Interface</td>
<td>USB 2.0</td>
</tr>
<tr>
<td>Power</td>
<td>Via USB or external power supply</td>
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</tbody>
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COMPLIANCE & CERTIFICATIONS

- ANSI/NIST-ITL-1-2000
- ISO/IEC 19794-4
- ISO/IEC 19784-1:2005 (BioApi 2.0)
- NFIQ (NIST Finger Image Quality)
- FBI AFS 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 8.1, 8, 7, Vista (32/64 bit, WHQL certified)
  - 32/64 bit Server 2008 R2 and Server 2003
  - Linux Ubuntu, Debian, OpenSUSE, CentOS

MECHANICAL AND OTHER DATA

- Dimensions: 156 mm x 141 mm x 162 mm (6.14" x 5.55" x 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

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

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