Gemalto Cogent Palm Print Scanner
CS1000p

Product Description
The CS1000p is a 1,000 and 500 ppi FBI-certified livescan device that captures all rolled fingers, flats, upper, lower, and writer’s palms during the booking process. With its high-definition optics, the CS1000p captures forensic-quality images that meet the ANSI/NIST and FBI Image Quality Specification (IQS) standards, allowing electronic interface with other law enforcement systems. Features include real-time image quality check, sequence verification, auto-center, and auto-contrast functions.

The livescan software guides the user through the capture process with on-screen prompts and graphical user interface displays.

FEATURES

- Forensic-quality image capture for flat, rolled, and palm print impressions
- Real-time image preview on-screen for improved quality control
- Image quality and sequence check by comparing rolled and flat impressions
- Built-in event logging and recovery mechanisms
- Preformatted data fields for ease of demographic data entry
- Fully compliant with ANSI/NIST, FBI, and international standards
- Intuitive user interface, including programmable function keys
- Remote diagnostics and maintenance available
- Optional foot pedal for hands-free operation
- Optional signature and mugshot capture component
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SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Resolution:</td>
<td>500 or 1,000 ppi</td>
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<tr>
<td>Scanner Size:</td>
<td>13 x 17.1 x 5.7 in. [330 x 434 x 145 mm]</td>
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<tr>
<td>Palm Print Image Size:</td>
<td>Up to 5104 x 5000 pixels</td>
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<td>Flat Image Size:</td>
<td>Up to 3200 x 3000 pixels for slaps</td>
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<tr>
<td>Rolled Image Size:</td>
<td>Up to 1600 x 1500 pixels for rolled fingers</td>
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<tr>
<td>Interface:</td>
<td>IEEE 1394 [FirewireB]</td>
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<tr>
<td>Capture Mechanism:</td>
<td>Automatic, via foot pedal switch or capture button</td>
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<tr>
<td>Weight:</td>
<td>28.9 lbs. (13.1 kg)</td>
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<tr>
<td>Operating Temperature:</td>
<td>10° to 35° C</td>
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<tr>
<td>Humidity:</td>
<td>10-80% relative humidity, non-condensing</td>
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<tr>
<td>Capture Format:</td>
<td>Single finger flats, single finger rolls, four finger slaps, two thumbs, upper palms, lower palms, writer’s palms</td>
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<td>Power Supply:</td>
<td>DC 12V, 4A</td>
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Standard Software

- FBI-certified processing software
- Capture 14 NIST fingerprint images
- FBI-certified WSQ compression module
- SMTP, FTP, XML and NIST interface module
- Quality check and sequence check module
- Segmentation of flats into single fingerprint images

System Requirements

- Windows® XP or higher
- Intel® Pentium® Dual E2140 1.6 GHz or higher
- 2 GB RAM or higher
- 80 GB hard drive or higher
- USB 2.0

Available Configurations

- Cabinet
- Desktop
- Notebook

Certifications/Compliance

- FBI Appendix F
- FCC
- CE

Optional Components

- Digital camera
- Signature capture pad
- Barcode reader
- Magnetic stripe reader
- LiveScan Cabinet
- Touchscreen monitor
- FBI-certified laser printer
- Carrying case

Important Notice

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