COGENT
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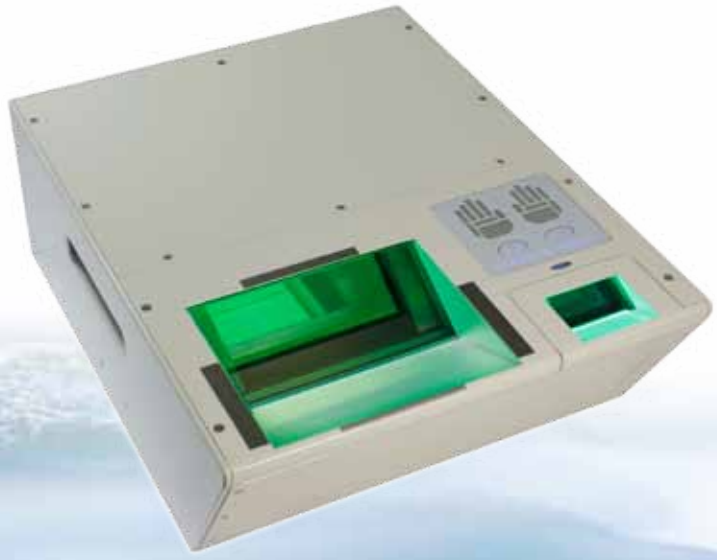
CS1000p

3M Cogent LiveScan for Palm Print/Tenprint Capture



The 3M Cogent CS1000p LiveScan is a robust yet cost effective 1000 and 500 ppi FBI-certified LiveScan system, which captures all rolled fingers, flats, upper, lower, and writer's palms during the booking process in a fast and reliable manner. The software guides the user through the capture process with on-screen prompts and graphical user interface displays. With real-time image quality check, sequence verification, auto-center, and auto-contrast functions, the CS1000p ensures the capture of high-quality prints.

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. Cogent LiveScan's modular software design provides flexible software configuration to meet an agency's mission requirements. All image data is formatted with certified algorithms for WSQ compression.

CS1000p includes foot pedals for hands-free operation. Combined with the latest image capture and image processing software developed entirely by 3M Cogent, the CS1000p offers a user-friendly environment, enabling a faster booking process and improving law enforcement personnel safety.

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 signature capture
- Optional mugshot capture

Low Cost Booking Solution

Beyond Comparison™

CS1000p
Technical Specifications

Resolution:	1000 or 500 ppi
Scanner Size:	13.4 x 17.1 x 5.7 in. (340 x 435 x 145 mm)
Palm Print Image Size:	Up to 5104 x 5000 pixels
Flat Image Size:	Up to 3200 x 3000 pixels for slaps
Rolled Image Size:	Up to 1600 x 1500 pixels for rolled fingers
Interface:	IEEE 1394 (FirewireB)
Capture Mechanism:	Automatic, via foot pedal switch (optional) or via capture button
Weight:	28.9 lbs. (13.1 kg)
Operating Temperature:	10° - 35° C
Humidity:	10 - 80% relative humidity, non-condensing
Capture Format:	Flat single fingers, flat slaps, two thumbs, upper palms, lower palms, writer's palms, and rolled fingers
Power Supply:	DC 12V, 4A
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
Minimum Computer Specifications:	Intel® Pentium® Dual E2140 1.6 GHz or higher, 2 GB RAM or higher, 80 GB hard drive or higher, USB 2.0, Windows XP or higher
Models Available:	CS1000p C, CS1000p DT, CS1000p NB
Certification:	FBI Standard CJIS-RS-0010 (V7) IAFIS Image Quality Specifications for Scanners
Optional Components:	Digital camera, signature capture pad, barcode reader, magnetic stripe reader, Cogent LiveScan Cabinet for CS1000p C, touchscreen monitor for CS1000p DT and CS1000p C, FBI-certified laser printer, carrying case

CS1000pNB

CS1000pDT

CS1000pC

*Product specifications are subject to change without notice.

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