

CS1000e

3M Cogent's High Resolution Tenprint LiveScan



Key Features:

- » Intuitive and easy-to-use user interface
- » Automatic or manual capture of rolled and flat fingerprints
- » Instant preview functionality for checking print quality while scanning
- » Real-time image quality checking and sequence checking
- » Automatic calibration and table updates
- » Preformatted data fields based on predefined lists
- » Data checking to ensure correct data entry
- » FBI-certified hardware and software
- » Fully compliant with ANSI/NIST standard
- » Configurable data input features

3M Cogent's CS1000e is an FBI-certified high resolution LiveScan that supports both 500 ppi and 1,000 ppi fingerprint scanning. It captures rolled and flat fingerprints in a fast, easy-to-use, and inkless way. The CS1000e is available in cabinet, desktop, or portable configurations. High resolution scanning optics enable clear and precise capture of third-level fingerprint characteristics—details such as ridge shape, relative pore location, and some accidental details.

The CS1000e software enhances workflow efficiency and enables users to automatically capture a complete set of ten flat fingerprints in as little as ten seconds. The software has the capability to create FBI-compliant Type-14 EFTS fingerprint records for civil background checks.

A user-friendly interface facilitates fast and accurate data input. The CS1000e LiveScan software features the industry's most advanced segmentation algorithm for performing slaps segmentation. It includes built-in sequence check and image quality controls with configurable thresholds, which prevent common fingerprint capture and processing errors. The software also provides a real-time, on-screen preview that helps users properly center prints during capture.

High Resolution - High Performance

CS1000e

Technical specifications

Standard Software:

- » FBI-certified processing software
- » Captures Type-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

Scanner Specifications:

- » 500 ppi or 1,000 ppi resolution
- » Rolled prints format: 1.6 x 1.5 in. (41 x 38 mm)
- » Flat prints format: 3.2 x 3.0 in. (81 x 76 mm)
- » USB 2.0 and FireWire IEEE 1394 interface
- » Capture mechanism: automatic or manual
- » Built-in buttons for capture functions
- » 4 x 4 x 2 flat capture capable

Dimensions and Environmental Specifications:

- » Weight: 18.3 lbs (8.3 kg)
- » Dimensions: 11.1 x 9.8 x 5.4 in. (282 x 250 x 137 mm)
- » Operating conditions: 50 to 95° F (10 to 35° C)
- » 10 - 80% relative humidity, non-condensing, no direct sunlight exposure

Computer Specifications:

- » Intel® Core™ 2 Duo 2.4 GHz, 2 GB RAM, Hard Drive 80 GB
- » Windows® XP or higher
- » USB 2.0 interface

Optional Components:

- » Digital camera
- » Signature capture pad
- » Barcode reader
- » Magnetic stripe reader
- » Touch-screen monitor for cabinet and desktop models
- » FBI-certified laser printer
- » Photo capture module

Certifications:

- » FBI Standard CJIS-RS-0010 (V7), IAFIS Image Quality Specifications (IQS) for Scanners

FC CE RoHS compliant



CS1000e NB



CS1000e DT



CS1000e C

*Product specifications are subject to change without notice.

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