

3M™ CS500e Livescan System

Technical Data Sheet

Product Description



The CS500e tenprint livescan device is a lightweight fingerprint scanner capable of performing rolled and flat fingerprint images. Features include USB 2.0/3.0 power/data interface and FBI Appendix F certification, Ingress Protection (IP) Level 54 compliant, and MIL-STD-810F certified.

The intuitive livescan software guides the operator through the capture process and features real-time image quality check, sequence verification, auto-center, and auto-contrast functions. The data entry process is simplified through the use of drop-down menus for demographic information, reducing operator errors and making it ideal for high-volume processing environments.

Features

- Supports flat and/or rolled capture capabilities
- Automatic calibration and table updates
- Preformatted data fields based on predefined lists
- Configurable data input features to meet state and federal specifications
- Fully compliant with ANSI/NIST standards
- FBI Appendix F
- Submission acknowledgement, tracking, and reporting
- Lightweight, compact design

Specifications

Resolution:	500 ppi
Active Platen Area:	3.2 x 3.0 in. (81.28 x 76.2 mm)
Platen Size:	3.8 x 3.1 in. (97.6 x 78.6 mm)
Interface/Power:	USB 2.0/3.0, data and power
Capture Mechanism:	Automatic, via foot pedal switch, or via capture button
Weight:	3.6 lbs (1.6 kg)
Dimensions:	5.9 x 5.98 x 4.74 in. (150 x 152x 120.5 mm)
Operating Temp:	32° to 122° F (0° to 50° C)
Humidity:	10-90% relative humidity, non-condensing
LED Indicators:	Power, status, and fingerprint image quality
Capture Format:	Single finger rolls, single finger flats, four finger slaps, two thumbs

Standard Software	<ul style="list-style-type: none"> • 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
Available SDKs	<ul style="list-style-type: none"> • FPCaptureAccess • FPCaptureExpress
System Requirements	<ul style="list-style-type: none"> • Windows® XP or higher • Intel® Core™ 2 Duo 2.4 GHz or higher • 1 GB RAM or higher • 80 GB hard drive or higher • USB 2.0
Certifications/Compliance	<ul style="list-style-type: none"> • FBI Appendix F • Ingress Protection (IP) 54 compliant • MIL-STD-810F • USB-IF certified • FCC • CE • UL
Optional Components	<ul style="list-style-type: none"> • Digital Camera • Photo capture software module • Signature capture pad • Barcode reader • Magnetic stripe reader • Touchscreen monitor • FBI-certified laser printer • Carrying case

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