Traffic Safety and Security Division

3M™ CS500e Livescan System

Technical Data Sheet

Product Description

3M™ CS500e ten-print Livescan device is a lightweight scanner capable of performing rolled and flat fingerprint images. Features included USB2.0/3.0 power/data interface and FBI Appendix F certification, Ingress Protection (IP) Level 54 compliant.

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 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)
Operating Temperature:	32° to 95° F (0° to 35° C)
Humidity:	10-90% relative humidity, non-condensing
Storage Temperature:	-4° to 122° F (-20° to 50° C)
Drop Test:	No hazards after 750mm drop
Dimensions:	5.9 x 5.98 x 4.74 in. (150 x 152 x 120.5 mm)
Weight:	3.6 lbs (1.6 kg)
Data and Power:	USB 2.0 or 12V DC, 4A
Capture Mechanism:	Automatic, via foot pedal switch, or via capture button
LED Indicators:	Power, status and fingerprint image quality
Capture Format:	Single finger rolls, single finger flats, four finger slaps, two thumbs

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

Available Software Development Kits (SDKs)
- FPCaptureAccess
- FPCaptureExpress (Optional)

System Requirements
- Windows® XP or Windows® 7
- Intel® Core™ 2 Duo 2.4 GHz or higher
- 1 GB RAM or higher
- 80 GB hard drive or higher
- USB 2.0

Certifications
- FBI Appendix F
- Ingress Protection (IP) 54 complaint
- USB-IF certified
- FCC
- CE
- UL

**For information or assistance
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In Canada call:
1-800-265-1840**

Internet: www.3M.com/IdentityManagement

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