



CROSS MATCH

ID 500™

10-Print Live Scan System

Fast, affordable, easy to use - the ID 500 is another Cross Match industry first in technology innovation and price leadership. The ID 500 has new quality enhancement features specifically designed to minimize FBI fingerprint submission rejections resulting from difficult to fingerprint individuals and improperly captured images.

CROSS MATCH
Technologies Inc.®

A revolutionary new live scan system is now available for performing criminal bookings and job applicant background checks. The Cross Match ID 500™ - a precise, rugged and mobile system - is the smallest, lightest, easiest to use and most affordable slap and roll live scan system available today.

ID 500 - Fast and Easy to Use

- **Rapid Auto Image Capture** - System automatically senses the placement of the finger, capturing the image only if it meets predetermined quality criteria, all without manual intervention and additional steps or keystrokes. Provides the fastest fingerprinting process in the industry
- **Integrated Magnetic Stripe Reader** Built in magnetic stripe reader to automatically capture demographic data from a driver's license, reducing booking time and improving accuracy
- **Real Time User Feedback** - Touchscreen panel on the scanner with

prompts to quickly guide the user through the fingerprinting process, providing visual and audible fingerprint technique feedback

- **Intuitive Roll Feature** - Fingerprint rolling action emulates the natural action of rolling ink on paper making the system quick and easy to learn
- **Highly Portable** - Weighing 11.5 pounds, the ID 500 is the lightest live scan system available. An integrated carrying handle, platen cover and rugged construction make this unit perfect for portable use
- **Live Scan Management Software** - Easy to use application software with user-friendly screens, pull down menus, real time image preview and built in help utility
- **Software Sequence and Quality Checks** Built in at no extra charge are sequence and quality checks that assess fingerprint quality and provide feedback to the user - meaning fewer FBI rejections

CROSS MATCH ID 500

ID 500 - Captures Challenging Prints

- **Image Clarity**
Captures high quality images regardless of stains on fingers from ink, dyes, grease or dirt, and overcomes dry and hard to print fingers
- **Patented Ridge Enhancing Silicone Pads**
Low cost, easy to replace silicone pads enhance the ridge patterns on difficult to fingerprint individuals. Enables the capture of smudge-free prints and reduces wear on glass platen surface

ID 500 - Ensures 100% Image Integrity

- **Dual FBI Appendix F Certification**
Only live scan system certified with plain glass platen or with protective silicone pad
- **Halo Effect Elimination** - Heated platen eliminates the effect of condensation or "halos" from the placement of warm and moist hands on a cold glass platen
- **Self Diagnostics and Automated Calibration Tools** - Ensures highest level of image integrity and prolongs the overall product lifecycle. The system includes automated calibration to ensure compliance with the Image Quality Standards determined by the FBI and the International Association of Identification (IAI)

ID 500 Software Features

- Produces ANSI/NIST Compliant Electronic Fingerprint Transmission (EFT) files and Card Format
- Standard WSQ compression, mugshot and signature capture
- History and status records for all EFT records and submissions
- Interfaces with all major AFIS systems
- Communications: TCP/IP, LAN, NFS, FTP, SMTP email and VPN

ID 500 Configurations

Desktop System: ID 500 scanner, Live Scan Management System (LSMS) software, Dell Desktop PC, Windows® XP Professional operating system, 15" color monitor, keyboard, mouse

Portable System: ID 500 scanner, LSMS software, Dell Inspiron™ Laptop PC with integral 14.1" monitor, keyboard, Windows XP Professional operating system

System Options: Fingerprint card printers, Card scanners, Digital camera kit, Signature pad, Demographics import/export interface, AFIS interface, Child ID software

ID 500 Specifications

Resolution

500 dpi +/- 5 pixels in X and Y Axis

Active Image Area

2.05" x 3.60" (52.1mm x 91.4mm)

Dynamic Range

8 bits, 256 greyscale

Image Certification

CJIS-RS-0010(V7) Appendix F certification

Output (Digital)

IEEE-1394

Power

12VDC @ 1 Amp (12 Watts)

Operating Temperature Range

35°F to 100°F (2°C to 38°C)

Humidity Range

10-90% non-condensing, splash-resistant

Weight

11.5 lbs (5.2 kg)

Dimensions

6.7" x 15.9" x 10.3"

(170mm x 404mm x 262mm)

Internal Magnetic Card Reader

AAMVA / ANSI 7811-5 compliant 3 track

Integrated Touch Screen Display

4.77" x 3.68" (121.2 mm x 93.5 mm)

320 x 240 dots

Agency Listings

UL, FCC, CE

ID 500 Typical Computer Requirements

Operating System: XP Professional

Memory: 256Mb RAM (Minimum)

Hard Drive: 30GB minimum

Processor: 2.0 GHz Celeron

Interface Options: IEEE 1394

Display: 1024 x 768 minimum

About Cross Match Technologies, Inc.

Cross Match Technologies is an industry leader in the development of a complete line of forensic-quality fingerprint and palm print readers for state, federal, commercial, aviation and international organizations to prevent infiltration, crime and terrorism. Cross Match currently offers the most comprehensive line of biometric products in the industry supported by superior customer service. Cross Match has customers in 40 countries and is responsible for fingerprinting over 20 million people worldwide. Cross Match has sold over 5000 systems and holds or has pending more than 70 patents.



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