



**CROSS MATCH**

## LITE-Xe

### Portable tenprint systems

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With LITE-Xe, capturing all types of fingerprints is as easy as never before - in office environments as well as in portable applications. The slim and lightweight design allows the operator to bring the LITE-Xe scanner, and a notebook together in a convenient, rugged and attractive travel case to any location. IEEE 1394 (FireWire) connection between scanner and notebook is the only cabling required.

The LITE-Xe is certified to comply with the FBI IQS requirements on Appendix F level.

Providing the well-known advantages of the LITE scanners, this new member of the product line features an enlarged platen for rolled prints, PerfectRoll™ rolled fingerprint capturing with crisp and sharp result images and true live display on the notebook or PC screen during the entire capture process for easy and intuitive operation. In addition, powerful built-in quality assurance functions assist the operator in handling problems in a “real time” mode.

## CROSS MATCH LITE-Xe

### LITE-Xe Benefits

- Point of capture solution for all information required to perform fingerprint based identity checks of a person
- Enlarged platen for rolled prints
- Very compact and lightweight scanners
- PerfectRoll™ high quality rolled fingerprint capturing
- Built-in automatic fingerprint quality checks
- Fits into a functional and rugged transport travel case (optional)

### Main Features

**Fingerprint capturing:** All 10 rolled fingerprints, all 4 flat fingerprints plus 2 thumbs

**Demographics capturing:** All required data, e.g. name, aliases, citizenship, date of birth, place of birth, gender, race, height, weight, eye color, hair color etc.

**Signature capturing:** Signature of person fingerprinted (optional with additional reader)

### Quality Checking Features

**Flat fingerprints:** Image quality, correct scanning, correct number of fingers

### About Cross Match Technologies, Inc.

Since its founding in 1996, Cross Match Technologies, Inc. has been at the forefront of the development and deployment of cost-effective biometric security solutions for law enforcement, federal, aviation, commercial and international organizations. Headquartered in Palm Beach Gardens, Florida, and offering the broadest product lines in the industry, Cross Match is recognized for setting new standards in fingerprint and other biometric technologies through its more than 150 existing or pending patents and related intellectual properties. Additional information on Cross Match is available at [www.crossmatch.com](http://www.crossmatch.com).

**Rolled fingerprints:** Image quality, correct rolling, sequence checking (compared to the flat fingerprints, no swapped hands, no duplicate fingers)

**Demographics:** Correct textual or numerical input (e.g. date is a valid day/month/year, text has appropriate number of characters, selections are correctly made etc.)

### Handling of Captured Data

**Display on the workstation:** All captured data is displayed on graphical screens for visual validation

**Image compression:** WSQ (as required by the FBI, with certified algorithm)

**Data formatting:** According to the interface requirements of the using agency & ANSI/NIST-ITL 1-2000

**Transaction type:** Federal Applicant User Fee (FAUF), others on request

**Data queuing:** Automatic queuing of finished data files, with event logging and recovery mechanisms

**Data transmission:** Electronic mail communication protocol, others on request

**Printing on paper:** Optional system extension (blank/pre-printed card stock)

**Backend interfaces:** Supported for all major AFIS

### Application Use Cases

**Examples:** Capture of applicant fingerprints (Civil Background Check), capture of immigrant fingerprints (Border Control), capture of fingerprints from visa applicants (Embassy & Consulate), capture of fingerprints from asylum seekers & refugees, capture of Quick Identification 4 finger flats

### System Components

**Fingerprint scanner model:** LITE-Xe, certified to the requirements of the US FBI (compliance with the Image Quality Specifications of the EFTS Standard, Appendix F)

**Fingerprint display:** Real-time high resolution display during all steps of operation (while positioning the finger on the scanner during capture process)

**Workstation computer:** Pentium-4 class notebook or PC with Microsoft Windows 2000 Professional or XP Professional operating system

**Workstation monitor:** High resolution SXGA flat screen (1280 x 1024 pixel x 16 bit)

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