

## PRODUCTS

# L SCAN Guardian<sup>®</sup> F

*Compact, Applicant Livescan and Enrollment System*



### **Application Environments**

A welcome addition in locations where identity verification is required, including:

- Immigration offices
- Border checkpoints
- Schools and universities
- Financial institutions
- Law offices
- Childcare locations
- Realty offices

Identity verification is a must for many businesses - from small private companies to large public agencies. And conscientious organizations worldwide choose Cross Match L SCAN Guardian<sup>®</sup> systems to enhance their security programs. Designed for the fast growing application flats market, L SCAN Guardian F is the newest member of the trusted Guardian family of products, including the Guardian USB and durable Guardian R devices.

The Guardian F Identification Flat system delivers the highest quality ten-print image capture, and is FBI-certified for civil ID flats for applicants - no rolling required. User can quickly capture fingerprint data for background checks and identity validation programs, making it easier than ever to identify “persons of interest” when making employment decisions. Based on technology currently used by the U.S. along with various countries in Europe, the Middle East and Africa (EMEA) to confirm the identities of visiting foreign nationals, Guardian F is a low-cost solution for definitive biometric-based identity verification.

# L SCAN Guardian® F

## Guardian Specifications

- Image quality complies with FBI's IAFIS Appendix F specification
- FBI certified for civil ID flats and full criminal ten-print flats
- Certified for use with or without Cross Match's patented silicone membrane technology
- 3.2 in x 3.0 in (81 mm x 76 mm), single prism, single imager, uniform capture area
- 500 ppi resolution
- Operating temperature: 32 °F to 122 °F (0 °C to 50 °C)
- Humidity range 10 % - 90 % non-condensing; splash-resistant
- Factory calibrated and sealed, with automatic IQS Wizard™ self test/diagnostics at start-up
- Maximum reliability and performance requires an Intel® Core™ 2 Duo @ 2,4 GHz or equivalent CPU

## Guardian Deck Features

- Dimensions 6 in x 6 in x 4.7 in (152 mm x 152 mm x 120 mm)
- Weight 3.2 lbs. (1.4 kg)
- Sealed, rugged case with high tolerance for shock and vibration
- Rubber overmold for sure handling and shock absorption
- Countertop mounting bracket
- Lighted platen power status indicator
- Green illuminated pictograms guide the user through image capture with or without silicone membrane available

- Auto capture feedback through four LED lights indicating image quality
- Single cable USB 2.0 interface for data transfer and power, standard cable length 6 ft. (1,8 m), extended cable length requires an USB 2.0 Hub with power (active Hub)
- Optional ambient light shield for use in direct sunlight

## Guardian F Firmware Features

- Patented auto capture capability for flat fingerprints without operator intervention
- Filters and rejects residual ghost fingerprint images using Perfect Image™ technology
- Supported by L SCAN Essentials SDK 5.4 or higher
- Guardian firmware can be updated through the USB 2.0 port

## Guardian Software Optional Features

- Fully supported by application software solutions for enrollment, as well as government and civilian background checks
- Segmentation of flats into discrete single fingerprint images
- Fingerprint sequence check in slaps acquisition workflow
- Image quality check

## Guardian F Benefits

- Intuitive system — requires little training
- Ergonomically friendly design, tailored for attended and unattended use
- Easy to understand pictograms and fully automatic image capture
- Instant quality check feedback to the user
- The illumination technique allows the capture of high-quality images regardless of skin color and age
- Auto capture of left and right hands, and both thumbs, in under 15 seconds
- Ultra lightweight and portable
- Fits securely on a six-inch counter
- Provides a value-priced option, suitable for any office environment
- Enables capture of significant ridge definition, particularly on dry skin, by the optional silicone membrane

## Silicone Membrane Features

- Enables exceptional fingerprint image quality
- Provides significant ridge definition, particularly on dry skin
- Protects Guardian platen from accidental damage
- Requires less finger pressure, producing less ridge distortion
- Extended lifetime
- Inexpensive, fast and simple to replace

### Corporate Headquarters:

**Cross Match Technologies, Inc.**  
3950 RCA Boulevard, Suite 5001  
Palm Beach Gardens, FL 33410, USA  
sales@crossmatch.com  
customercare@crossmatch.com  
[www.crossmatch.com](http://www.crossmatch.com)

### German Operations:

**Cross Match Technologies GmbH**  
Unstrutweg 4  
07743 Jena, Germany  
international-sales@crossmatch.com  
(Sales EMEA, Asia & Pacific)

### Business Partner and System Integrator:

Media Technology Solution  
Taman Harapan Baru Blok E5 No. 4 Bekasi - Indonesia  
info@mtesolution.com  
T: +62 21 8037 3834, 99652368 F: +62 21 8897 4589  
[www.mtesolution.com](http://www.mtesolution.com)

*Protecting People, Property and Privacy*