

## PRODUCTS

### **L SCAN<sup>®</sup> GUARDIAN<sup>™</sup>**

*Super Compact, Rapid Capture, Dual Use Criminal and Applicant Livescan and Fingerprint Enrollment System*



government employees. Users of these applications typically are not fingerprint experts and require equipment that they may easily and quickly utilize, without special training. Rather than installation in a controlled booking area, these new applications are operated in a wide variety of environments. The Guardian may be used in tight locations requiring a very small footprint and it also allows the user the capability of quick release from its mounting bracket.

The new Cross Match L SCAN Guardian is the ultimate solution for demanding applications. With its ultra compact design, the Guardian fits on any counter, has a quick release, and can be fixed in a flat or tilted position. Only one cable is required with no need for a bulky power cord or wall transformer.

Using Auto Capture, high quality fingerprints are captured in just a few seconds, without operator intervention. Only the Guardian meets the highest standards for fingerprint capture, and demonstrates Cross Match's ongoing commitment to technology innovation.

Background and identity checks are critical components of today's criminal and applicant security systems. As the most trusted and commonly used biometric, fingerprints are key to identity verification systems. In addition to the traditional law enforcement market, fingerprints have now been adopted in a variety of new applications. These range from civil background checks to large scale access control solutions to providing biometric credentials for



# L SCAN® GUARDIAN™

## Guardian Specifications

- Image quality complies with FBI specification EFTS Appendix F
- FBI certified for both civil ID Flats and full criminal 10-print rolls and flats
- Certified for use with, and without, Cross Match patented Silicone Pad
- 3.2 x 3.0 inch, single prism, single imager, uniform capture area
- 500 ppi resolution
- Operating Temperature 35°F to 120°F (1.6°C to 49°C)
- Humidity Range 10-90% non-condensing; splash-resistant
- Factory calibrated and sealed, with automatic IQS Wizard™ self test/diagnostics at start-up

## Guardian Deck Features

- Dimensions 6 x 6 x 4.7 inch (152 x 152 x 120 mm)
- Weight 4.0 lbs. (1.8 kg)
- Sealed, rugged case with high tolerance for shock and vibration
- Rubber overmold for sure handling and shock absorption
- Countertop mounting bracket with Quick Fix & Release mechanism
- Tilt Mount bracket available
- Indicators for power and status
- Illuminated pictograms guide the user through image capture
- Autocapture feedback through four LED lights indicating image quality
- Heated platen to eliminate condensation and halo effect

- Single cable IEEE 1394 interface for data and power, 400 MBit/s speed, OHCI compliant
- No separate power supply needed
- Green illumination

## Guardian Firmware Features

- Auto Capture of flat fingerprints with no operator necessary
- Filters and rejects residual ghost fingerprint images using Perfect Image™
- Perfect Roll™ for rolled fingerprint acquisition, either direction, any speed
- IQS Wizard™ technology ensures Guardian continues to operate within IQS specifications
- Guardian firmware can be updated through the IEEE 1394 port

## Guardian Software Features

- Fully supported by Cross Match application software solutions for law enforcement criminal bookings as well as government and civilian background checks
- Segmentation of flats into discrete single fingerprint images
- Fingerprint sequence check in rolled and slaps acquisition workflow

## Guardian Benefits

- Ergonomic design, tailored for attended and unattended use
- First livescan device to meet the size and functional requirements of the Joint Agency User Group

- Completely intuitive use requires almost no training
- Easy to understand pictograms and fully automatic image capture
- Instant quality check feedback to the user
- Captures high quality images regardless of skin color and age as a result of the illumination technique
- Auto Capture of left and right flats, both thumbs, in under 15 seconds
- Ultra lightweight and portable for use in Jump Kits and portable travel cases
- Convenient handle for positioning the Guardian to accommodate special needs
- Quick lock and release keeps the scanner securely in place
- Side exit interface cable allows installation directly adjacent to a window or wall
- Fits completely on a 6 inch counter

## Silicone Pad Features

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

## Cross Match Technologies, Inc.

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