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CROSSMATCH® TECHNOLOGIES

PRODUCTS

L SCAN® Guardian™

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





Biometric screening and identity solutions are critical components of today's security installations, making them a vital aspect of maintaining national safety. Cross Match Technologies provides award-winning solutions for large- and small-scale government and corporate security implementations. An industry leader, Cross Match not only introduced mobile fingerprint scanners to the marketplace, but was the first provider of ten-print livescan systems to answer customers' needs for a smaller, cost-effective solution.

L SCAN Guardian is the first compact, mobile, ten-print capture scanner system to meet the U.S. government's stringent biometric standards. Guardian is designed for rapid forensic-quality fingerprint capture, which qualified it for the FBI's Integrated Automated Fingerprint Identification System (IAFIS) Appendix F certification for electronic fingerprint transmission.

Unique features, such as patent-pending auto capture capability and Perfect Roll™ technology, allow foolproof fingerprint acquisition—positioning Guardian as an excellent choice for high-volume processing environments.

Combining visionary products with a global presence, Cross Match delivers high levels of customer satisfaction and support; as such, it is the solution provider of choice for many of the world's most sophisticated security installations.

L SCAN® Guardian™

Guardian Specifications

- Image quality complies with FBI's IAFIS Appendix F specification
- FBI certified for both civil ID flats and full criminal ten-print rolls and flats
- Certified for use with or without Cross Match's patent-pending silicone membrane technology
- 3.2" x 3.0" (81 mm x 76 mm), 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" (152 mm x 152 mm 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
- Also available with USB 2.0 interface
- Lighted platen power status indicator
- Green illuminated pictograms guide the user through image capture
- Auto capture 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 Mbits/s speed, OHCI compliant — no separate power supply needed
- Accepts standard security cable
- Optional ambient light shield for use in direct sunlight

Guardian Firmware Features

- Auto capture of flat fingerprints without an operator
- Filters and rejects residual ghost fingerprint images using Perfect Image™ technology
- 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 Optional 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
- Image quality check

Guardian Benefits

- First livescan device to meet the size and functional requirements of the U.S. Government Joint Agency User Group
- 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 for use in Jump Kits and portable travel cases
- Convenient, detachable handle for positioning Guardian to accommodate special needs
- Fits securely on a six-inch counter

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
- Eliminates slippage on rolled prints
- Extended lifetime
- Inexpensive, fast and simple to replace.

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Protecting People, Property and Privacy

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