



L Scan® 500 / 1000

Compact 500 ppi and 1000 ppi Ten-print and Palm Print Livescan



BENEFITS

- Superior image quality and reliability
- Auto Capture ensures rapid, high quality image capture
- FlexFlat and FlexRoll functionality for free positioning of fingers on platen
- Real time image preview reduces manual capture errors
- Heated platen for consistent image quality regardless of ambient temperatures
- L Scan 500 upgradable to 1000 ppi

PRODUCT DESCRIPTION

The Crossmatch® L Scan palm scanner line addresses the need for compact, high resolution, rapid capture livescan systems for criminal identification, forensic analysis and enrollment. L Scan palm scanners are fully compliant with the FBI NFI standards and easily acquire upper, lower and writer's palms, flats and rolls. Incorporating proprietary FlexFlat and FlexRoll features, fingerprint images are captured regardless of positioning on the platen. Patented Auto Capture functionality ensures rapid capture of high quality images for error-free biometric data collection — eliminating the guesswork and range of possible reprint issues.

Available in 500 ppi or 1000 ppi resolution, both L Scan models deliver superior image quality and offer real-time image preview when using our SDK or enrollment software. The scanners are designed for ease of use and provide an intuitive, integrated display and programmable buttons to easily guide users through the biometric capture process.

Used in conjunction with FBI certified Crossmatch enrollment software, L Scan palm scanners are an ideal choice for law enforcement agencies handling criminal bookings and forensic applications. In addition, regulated industry users can benefit from the reliable performance of the L Scan line for high quality palm and/or rolled fingerprint image capture for background check submissions or compliant biometric enrollments.

ABOUT CROSSMATCH

Crossmatch helps organizations solve their identity management challenges through biometrics. Our enrollment and authentication solutions are trusted to create, validate and manage identities for a wide range of government, law enforcement, financial institution, retail and commercial applications. Our solutions are designed using proven biometric technologies, flexible enrollment and strong multi-factor authentication software, and deep industry expertise. We offer an experienced professional services capability to assess, design, implement and optimize our identity management solutions for a customer's individual challenges. Our products and solutions are utilized by over 200 million people in more than 80 countries.

Learn more at www.crossmatch.com

SPECIFICATIONS

On-device Display	Color LCD screen and smart buttons
Capture Modes	Auto Capture, FlexFlat, FlexRoll
Image Quality Certification	Livescan and ID Flats (with or without membrane); upper, lower and writer's palm
Image Resolution	L Scan 500 - 500 ppi L Scan 1000 - 1000 ppi
Image Dimensions	Palm – 5.0" x 5.1" (127 mm x 130 mm) Rolled fingers – 1.5" x 1.6" (38 mm x 41 mm) ID Flats – 3.0" x 3.2" (76 mm x 81 mm)
Capture Grayscale	12 bit, 4096
Image Grayscale	8 bit, 256
Scanner Dimensions	12.0" x 12.1" x 5.2" (306 mm x 308 mm x 133 mm)
Capture Platen	5.9" x 5.51" (150 mm x 140 mm)
Scanner Weight	16.72 lbs (7.6 kg)
Device Interface	USB 3.0*
Power Supply	100-240 V AC auto-adjusting; 50-60 Hz, 40 W maximum
Heated Platen	Consistent image quality regardless of ambient temperatures
Operating Temperatures	32°F - 122°F (0°C - 50°C)
Humidity Range	Maximum 10% - 90% relative humidity, non-condensing
Certifications	FBI Appendix F, CE, FCC, UL, GS, REACH, RoHS
Minimum Hardware Requirements	Intel i3 Quad-Core Processor with 1.8 GHz, >= 4 GB RAM
Operating Systems	Windows® 7, 8.1 and 10 (32 and 64 bit)
SDK	L Scan Essentials 7.5 or later; L Scan Master
Optional Components	Adapter for Universal Cabinet, adapter for Adjustable Height Cabinet, foot pedal with USB interface, cleaning kit, silicone pad

Data subject to change without notice.



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