

PRODUCTS

L SCAN[®] 1000P

10-Fingerprint Roll and Flat Capture, and Palm Livescan System at 1000 Pixels Per Inch (ppi)

1000 ppi is the highest image resolution available and the L SCAN 1000P is the first livescan system to be 1000 ppi certified by the FBI



L SCAN 1000P

of 99 percent and higher, it is still up to the fingerprint examiner to eventually determine the correct identity from a list of possible candidates. While 500 ppi fingerprint images are standard and perfectly suited for automatic searching, sorting out candidates based on third level detail requires another level of image quality. Those details become clearly visible with the superb resolution and outstanding image quality of the L SCAN 1000P Palm/Finger livescan solution.

The Cross Match[®] L SCAN[®] 1000P is a lightweight, compact palm and fingerprint live scan system which can be used for desktop, portable or cabinet integrations.

Third level detail like the shape of fingerprint ridges and sweat pores can be of utmost importance to make an identification. With today's modern AFIS systems reaching search accuracies

As the world's first livescan device achieving FBI certification for 1000 ppi, it established the L SCAN class of professional grade products, combining characteristic features such as crystal clear and crisp images with rock solid performance, real time display and instant quality checks. Due to its compact size it can be used in various configurations. Smart buttons make it easy to work with.

L SCAN[®] 1000P

L SCAN 1000P Benefits

- Very compact and lightweight scanner, for desktop, portable or cabinet integration use
- Crystal View™ technology with true 1000 ppi scan resolution
- Flash Capture™ for real-time roll, real-time scan, real-time preview on screen
- Takes all 10-rolled and flat fingers, plus palms
- No stitching of palm images, no moving parts, solid, stable

Scanner Functions

Scanned fingers: Rolled and flat single fingers, flat-4-fingers, flat-2-thumbs

Scanned palms: Upper palm, lower palm, side/writer's palm (ANSI/NIST compliant)

Capture platens: Small platen for rolled prints, large platen for flats and palm prints

Capture display: True live-display of finger impressions and palms, works via the interface to the PC, displays the images in a window on the PC screen

Scanner control: Smart Button Easy Control™, illuminated function keys and status lamp

Rolled prints capturing:

Perfect Roll™, variable speed, auto direction, real-time quality assurance checks includes correct roll checks

Flat & palm prints capturing:

Flash Capture True-1K™, full area simultaneous capture, no moving parts for highest stability and reliability

Flats & palms timing: Scanning time at 500 ppi: instant capture (<0.5 seconds) Scanning time at 1000 ppi: fast capture (<2.0 seconds)

Rolled prints format: 1.6" x 1.5" (41 x 38 mm) (W x H)

Flat & palm prints format:

Up to max. 4.6" x 5.0" (117 x 127 mm) (W x H)

Scanner resolution: 500 and 1000 pixels-per-inch (ppi)

Operating conditions: Indoor use, 50 to 95°F (10 to 35°C), 10-80% relative humidity, non condensing, no direct sunlight exposure

Silicon pad:

- L SCAN 1000P is available with and without silicon pad capability
- Enables exceptional fingerprint image quality
- Provides significant ridge definition
- Requires less pressure, producing less ridge distortion

General Specifications

System components: Scanner L SCAN 1000P, IEEE 1394 (Firewire) interface cable, power cord, operating software for the scanner, transport travel case (optional), footswitch (optional)

Image quality certification:

Fully certified to comply with the FBI Standard CJIS-RS-0010 (revision 2004) "IAFIS Image Quality Specifications", Appendix F, category livescan systems 500/1000 ppi, with and without silicone pad

Power supply & consumption:

AC 100V-240V, 50/60 Hz, autosensing, max. 150 VA

Scanner PC interface:

IEEE 1394 (Firewire) OHCI interface between scanner and notebook or PC

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