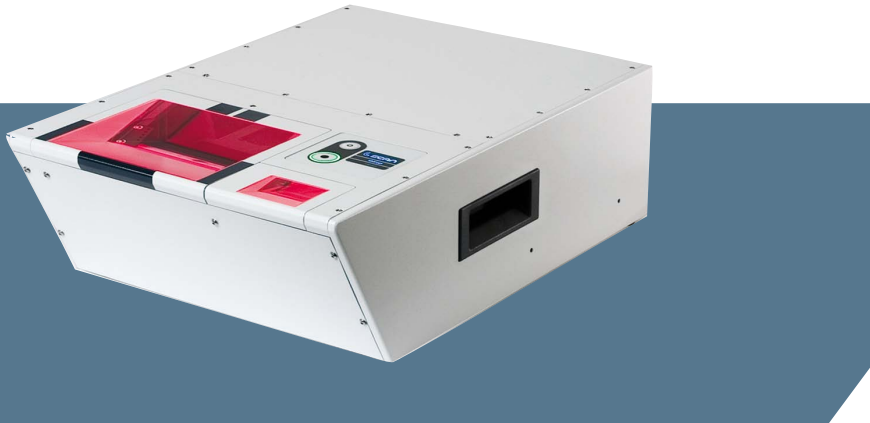


## PRODUCTS

### **L SCAN<sup>®</sup> 1000P**

*Ten-Print Roll and Flat Capture, and Palm Livescan System*

*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*



The Cross Match<sup>®</sup> L SCAN 1000P is a lightweight, compact palm and fingerprint livescan system that 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 in making an identification. With today's modern AFIS systems reaching search accuracies of 99 percent and higher, it is still the responsibility of the fingerprint examiner to determine the correct identity from a list of possible

candidates. While 500 ppi fingerprint images are standard and perfectly acceptable for automatic searching, sorting 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.

As the world's first livescan device achieving FBI certification for 1000 ppi, L SCAN 1000P established the standard for professional grade products, combining characteristic features such as the highest quality images with consistent 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 use.

# L SCAN® 1000P

## Specifications

### Dimensions:

- 13.8" x 19.7" x 6.0"  
(350 mm x 500 mm x 150 mm)

### Weight:

- 35 lbs (16 kg)

### 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 membrane

### 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

### PC Specification:

- Maximum reliability and performance requires an Intel® Core™ 2 Duo @ 2,4 GHz or equivalent CPU and 2 GB RAM

### Operating conditions:

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

### Operating systems:

- Windows XP, Windows Vista, Windows 7 (32 bit)

### Flats and 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 mm x 38 mm)

### Flat and palm prints format:

- 4.7" x 5.1" (126 mm x 130 mm)

### Scanner resolution:

- 500 ppi and 1000 ppi

## Functions

### Scanned fingers:

- Rolled and flat single fingers, flat four fingers, flat two thumbs

### Scanned palms:

- Upper, lower and side/writer's palm - ANSI/NIST compliant

### Capture platen:

- Small platen for rolled prints; large platen for flats and palm prints

### Capture display:

- Live display of finger impressions and palms; connects via interface to the PC and displays 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 and palm prints capturing:

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

### Silicone membrane:

- L SCAN 1000P is available with and without a silicone membrane
- Enables exceptional fingerprint image quality
- Provides significant ridge definition
- Requires less finger pressure producing less ridge distortion

## Benefits

- 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, scan, and preview on screen
- Takes all ten rolled and flat fingers, plus palms
- No stitching of palm images, no moving parts, solid, stable

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Protecting People, Property and Privacy