

HID® L Scan™

Compact tenprint scanner and palm scanner

The L Scan family addresses the need for high resolution fingerprint and palm images for the purpose of enrolling or booking suspects accurately by matching them against any AFIS database. The compact design makes the L Scan the optimal capturing device for any station or office.

AUTOMATED FINGER AND PALM CAPTURING

Our patented “Auto-Capture” feature ensures the rapid and error-free capturing of images by automatically taking a picture when sufficient quality of the fingerprint or palm image is detected. By eliminating the guesswork, the “Auto-Capture” feature saves valuable time. If not required or desired, customers can enable manual capture mode. In addition, the L Scan offers a high-resolution preview of the biometric image on the integrated screen.

FREE POSITIONING OF FINGERS AND PALMS

With the L Scan, the capturing of fingerprints and palms is easier than ever. Thanks to the patented FlexFlat and FlexRoll features, coupled with the large capturing surface, the L Scan gives a unique user experience as fingerprints and palms are captured automatically regardless of their positioning on the platen. This reduces the amount of repetitions required to capture high-quality images and therefore increases the efficiency of the process.

RELIABLE, SUPERIOR IMAGE QUALITY

L Scan devices deliver an image quality either in 500 ppi, as the internationally recognized FBI standard, or 1000 ppi for more superior image quality — capturing level 3 details, such as a person's sweat pores. This enables the best possible match rates when checking against a database. The integrated heated platen in the L Scan supports consistent image quality regardless of the ambient temperatures as it applies controlled heat to the surface.

EFFICIENT BIOMETRIC CAPTURING PROCESS

Smart buttons that create easy and intuitive guidance through the entire biometric capturing process can be self-configured for the L Scan devices, enabling customization to meet any organization's needs. The integrated color LCD display additionally enhances the user experience and the efficiency of the capturing process as it reduces the time of capturing — contributing to a safer working environment for law enforcement officers.



KEY FEATURES:

- Rapid and error-free image capture with patented Auto-Capture feature
- Increase efficiency to automatically capture fingerprints and palms regardless of positioning on the platen
- Reliable, superior image quality in either 500 PPI or 1000 PPI resolution
- Reduce capture time with intuitive user guidance and smart buttons

USE CASES:

- Crime scene investigations
- Enrollment and booking
- Background checks
- Identification

COMPONENTS:

Standard

- Color LCD Screen
- Heated Platen
- Smart Buttons

Optional

- Mounting Adapter for HID Livescan Cabinets
- Silicone membrane
- Cleaning kit



Product Name	HID® L Scan™ 500 HID® L Scan™ 1000
Description	Tenprint Scanner and Palm Scanner
Capture Mode	Upper, lower and writer's palm Flats and rolls
Part Numbers	<ul style="list-style-type: none"> • L Scan 500 With Membrane 920189-01 • L Scan 500 Without Membrane 920189-00 • L Scan 1000 With Membrane 920190-01 • L Scan 1000 Without Membrane 920190-00
DEVICE	
Dimensions (H x W x D)	12.0" x 12.1" x 5.2" (306 mm x 308 mm x 133 mm)
Weight	16.72 lbs (7.6 kg)
Interface	USB 3.0
Camera	71 Megapixel
Power Supply	100-240 V AC auto-adjusting
OPERATING ENVIRONMENT	
Temperature Range	32°F - 122°F (0°C - 50°C)
Humidity Range	Maximum 10% - 90% relative humidity, non-condensing
SYSTEM REQUIREMENTS	
Operating Systems (OS)	Windows® 10 and 11 Linux® Ubuntu 14.04 & 18.04
Hardware	Intel® i5 Quad Core Processor with 2.2 GHz, >=8 GB RAM
BIOMETRIC CAPTURE	
Scanning Area	5.9" x 5.51" (150 mm x 140 mm)
Image Size (W x L)	Flats: 3.0" x 3.2" (76 mm x 81 mm) Palm : 5.0" x 5.1" (127 mm x 130 mm) Rolled Fingers: 1.5" x 1.6" (38 mm x 41 mm)
Image Resolution	500 ppi (L Scan 500) 1000 ppi (L Scan 1000)
Capture Grayscale	12-bit, 4096 gray scale
Image Grayscale	8-bit, 256 gray scale
STANDARDS AND CERTIFICATIONS	
Ingress Protection (IP)	IP54
Certifications	Appendix F (PALM), CE, FCC, UL, GS, REACH, RoHS
SOFTWARE	
SDK (included)	HID® L Scan™ Essentials SDK 7.5 or later
Software Compatibility	HID ArcID Software Suite HID BioCore Middleware HID Livescan Management Software (LSMS) HID Mission Oriented Biometric Software (MOBS)

Data subject to change without notice.

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