

HID® Crossmatch L Scan™



USE CASES

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

COMPACT TENPRINT READER 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.

COMPONENTS:

STANDARD

- Color LCD Screen
- Heated Platen
- Smart Buttons

OPTIONAL

- Adapter for HID Cabinet Adjustable Height
- Adapter for HID Cabinet Universal
- Foot pedal with USB interface
- Silicone membrane
- Cleaning kit



SPECIFICATIONS

Product Name	HID® Crossmatch L Scan™ 500 HID® Crossmatch L Scan™ 1000
Description	Tenprint Reader and Palm Scanner
Capture Mode	Upper, lower and writer's palm Flats and rolls
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® 7, 8.1 and 10 (32 and 64 bit)
Hardware	Intel® i3 Quad-Core Processor with 1.8 GHz, >= 4 GB RAM
IMAGE SPECIFICATIONS	
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® Crossmatch L Scan™ Essentials SDK 7.5 or later
Software Compatibility	HID Integrale™ HID LSMS HID MOBS

Data subject to change without notice.



hidglobal.com

North America: +1 512 776 9000

Toll Free: 1 800 237 7769

Europe, Middle East, Africa: +44 1440 714 850

Asia Pacific: +852 3160 9800

Latin America: +52 55 5081 1650

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HID Guardian™ 200



BENEFITS

- Superior wet and dry print capture without recalibration
- Intuitive instructions via illuminated pictograms
- Intelligent capture features ensure quality images
- Rapid auto capture improves efficiency

COMPACT WET/DRY TENPRINT LIVESCAN WITH GRAPHIC USER INTERFACE

HID Global continues to set the global standard for reliable, high volume tenprint scanning. The Guardian 200 seamlessly integrates with HID's Integrale™ and MOBS software solutions, as well as customer screening and enrollment applications. Designed to address the challenges associated with high volume identity management applications, the Guardian 200 provides the simplest, fastest and highest quality certified fingerprint capture process.

Applicants are guided by easy to understand illuminated pictograms for attended and semi-attended processing. Because every applicant is unique, the Guardian captures images regardless of skin pigmentation and from both wet and dry fingers without the need to recalibrate the device or pretreat

the hands. Proprietary FlexFlat and FlexRoll features facilitate fingerprint image capture regardless of positioning on the platen. Our patented Auto-Capture functionality ensures rapid capture of high quality images for error-free biometric data collection - eliminating the guesswork, errors and range of possible reprint issues. These features not only expedite the process and improve the overall applicant experience, but free the operator to focus on other critical screening and enrollment tasks.

Ideally suited for border control, national ID, and other expedited, high volume screening and enrollment applications, the Guardian 200 delivers enhanced security, proven reliability and a reduced total cost of ownership.

SPECIFICATIONS

Product Name	HID Guardian™ 200
On-device Display	Illuminated Pictograms
Image Resolution	500 ppi
Image Greyscale	8 bit, 256
Dimensions	6" x 6" x 6.1" (15.24 cm x 15.24 cm x 15.49 cm)
Capture Platen	3.2" x 3.3" (8.13 cm x 8.38 cm)
Weight	3.3lbs (1.5 kg)
Operating Temperatures	32°F to 122°F (0° C to +50° C)
Power Supply	USB
Ingress Protection Rating	IP 54
Operating Systems	Windows® XP 32-bit; Windows® 7/8.1/10 32 and 64-bit
Certifications	Appendix F, UL, CE, RoHS, GS
Device Interface	USB 2.0 high speed
Device Security	Accepts security cable
BIOMETRIC CAPTURE	
Fingerprint	Flats and Rolls
Capture Features	Auto-Capture, FlexFlats, FlexRolls, wet and dry finger image capture without pretreatment of hands or device recalibration
Image Quality	Appendix F, Livescan, and ID Flats (with or without membrane)
Optional Components	Silicone membrane, spoof detection, mounting bracket, cleaning kit
Security Feature	Optional Spoof Detection
APPLICATIONS	
Software	HID Crossmatch L Scan™ Master (optional)
SDK	HID Crossmatch L Scan™ Essentials SDK 7.5 or later

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ERGONOMIC DESIGN



Simple, fast and high quality fingerprint capture.

INTUITIVE USER GUIDANCE



Intuitive instructions via illuminated pictograms



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North America: +1 512 776 9000

Toll Free: 1 800 237 7769

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Asia Pacific: +852 3160 9800

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