

# HID® Patrol Tenprint Scanner

An economical approach to certified tenprint acquisition without sacrificing quality

## DELIVERING SUPERIOR IMAGES AT AN AFFORDABLE PRICE

The HID Patrol tenprint scanner delivers superior performance and reliability at a competitive price point. Its practical, intuitive design provides an efficient user experience, while its focused features guide the user through a seamless image capturing process, ensuring the best image quality is achieved at all times.

## IMAGE QUALITY CHECK

Our patented feature ensures error-free capturing of images in just a few seconds by automatically capturing a fingerprint when sufficient quality of the image is detected. By eliminating the guesswork, this feature of the Patrol scanners saves valuable time during the capturing process.

## GUIDED CAPTURING PROCESS

LEDs illuminate to indicate which fingers are to be placed on the sensor. Additional LEDs turn green to indicate that the quality of the image is acceptable according to Appendix F, removing any doubt for the operator. This basic user guidance makes the overall capture process more efficient.

## EXCELLENT DRY FINGERPRINT IMAGES

The optional silicone membrane ensures that fingerprint images always achieve the highest quality for subjects who have dry skin. The patented technology helps fingers make better contact with the fingerprint platen, which in turn allows the sensor to achieve better contrast between ridges and valleys.

## SECURE LOCATION

The HID Patrol tenprint scanner can be secured to a countertop using an included bracket that can be attached to a desk or table via screws. Additionally, the units also feature a Kensington Security Slot, a third-party locking system that allows a wire to be connected to the reader to prevent against theft.

## MOSIP COMPLIANCE

HID's Patrol tenprint scanner is compliant with the Modular Open Source Identity Platform (MOSIP) program. MOSIP is a modular and flexible identity platform that helps Governments and other user organizations implement a digital, foundational identity system in a cost effective way.



## FEATURES:

- Superior tenprint rolled and/or flat fingerprint capture
- Certified for Appendix F (FAP 60)
- Excellent dry fingerprint images using an optional silicone membrane
- Efficient capture process with user guidance lighting
- Patented error-free quality image capture
- Presentation Attack Detection (PAD) to determine whether a presented fingerprint biometric is genuine

## USE CASES:

- Applicant background checks
- Border control
- Criminal booking
- Judicial identification
- Secure elections
- Voter registration
- Trusted traveler programs

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## OPTIONAL COMPONENTS

- Silicone membrane
- Cleaning kit
- Mounting bracket

<b>Product Name</b>	<b>HID Patrol Tenprint Scanner</b>
<b>Capture Mode</b>	Ten rolled and/or flat fingerprints
<b>Part Numbers</b>	Patrol With Membrane, Export Free 920162-404X Patrol Without Membrane, Export Free 920162-403X Patrol With Membrane 920162-404 Patrol Without Membrane 920162-403
	<b>DEVICE</b>
<b>Dimensions (H x W x D)</b>	6" x 6" x 5.1" (152 mm x 152 mm x 129 mm)
<b>Weight</b>	3.2 lbs. (1.4 kg)
<b>Interface</b>	USB 2.0
<b>Power Supply</b>	USB 2.0
	<b>OPERATING ENVIRONMENT</b>
<b>Operating Temperature Range</b>	32° F - 122° F (0° C - 50° C)
<b>Humidity Range</b>	10% to 90% non-condensing
	<b>SYSTEM REQUIREMENTS</b>
<b>Operating System (OS)</b>	Windows® 10 and 11 Linux Ubuntu 14.0, 16.04
<b>Hardware</b>	Intel® Core™ i5 processor (or better)
	<b>BIOMETRIC CAPTURE</b>
<b>Scanning Area</b>	3.2" x 3.0" (81.28 mm x 76.2 mm)
<b>Image Size</b>	1600 x 1500 pixels (500 ppi)
<b>Capture Grayscale</b>	11-bit, 2048 gray scale
<b>Image Grayscale</b>	8-bit, 256 gray scale
<b>Security Feature</b>	Presentation Attack Detection (PAD)
	<b>STANDARDS AND CERTIFICATIONS</b>
<b>Ingress Protection (IP)</b>	IP54
<b>Certifications</b>	Appendix F (FAP 60), CB, UL, CE, VDE-GS Marking, RoHS/REACH FIPS 201, FCC, NOM, MOSIP
	<b>SDK</b>
<b>SDK (included)</b>	HID L Scan™ Essentials SDK 7.x or above (8.2.1 or above for PAD support)
<b>SDK Features</b>	<ul style="list-style-type: none"> <li>• Image quality check</li> <li>• Noise elimination</li> <li>• Roll direction detection</li> <li>• Programmable user guidance</li> </ul>

Data subject to change without notice.



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