

HID® L Scan™ Essentials

Fingerprint and Palm Print Capture SDK

HID L Scan Essentials Software Development Kit (SDK) provides Microsoft Windows and Linux compatible components that allow application developers ready access to biometric functions provided by HID tenprint, dual finger and palm print scanners.

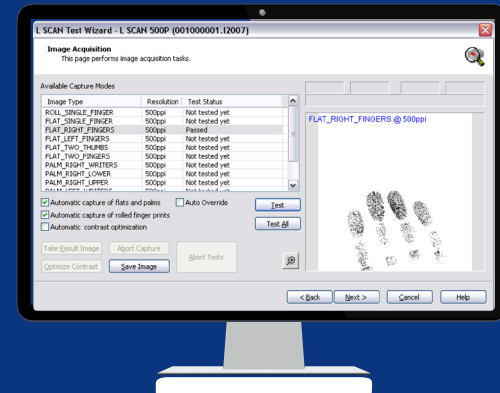
The SDK offers easy access to fingerprint and palm print devices from HID through the Application Programming Interface (API). These tools are provided for use by system administrators or service technicians.

L Scan Essentials SDK provides tools to perform tests of scanner functions as well as sophisticated features that guarantee the highest quality capture. Experienced livescan system integrators can create their own applications for tenprint, dual and palm print scanners.

Several sample applications, including source code, help developers understand the processes as well as guide them through software development scenarios.

Comprehensive documentation covers all aspects of developing the device control and setting up the configuration, as well as using the tools. Examples include:

- SDK usage
- API interface functions
- API return codes
- Sequence diagrams
- Configuration files
- Logging functionalities
- Sample applications
- Revision history
- Known issues
- Supported devices



BENEFITS:

- One SDK for all HID tenprint, dual finger and palm print scanners
- Comprehensive toolbox for software integration tests
- Configurable parameters for individual design/workflows of customer application
- Easy to integrate API
- Compatible with HID BioCore Middleware

HID L Scan Essentials SDK

Product Name	L Scan Essentials SDK
Auto Capture	Automatically captures fingerprints (flat and rolled) and palm prints and provides quality assessment and feedback
Perfect Image	<ul style="list-style-type: none">Generates crystal clear fingerprint and palm print images while eliminating condensation and dirt without modifying the fingerprint imageWorks independently of number of fingers, image size/resolution and silicone membrane
Perfect Roll	<ul style="list-style-type: none">Ensures that only high quality rolled fingerprint images are acceptedBuilt-in real-time quality check for slanting fingers, lifting of fingertips, vertical shiftingProvides user guidance to avoid mistakes during captureTakes rolled fingerprints at varying speedConfigurable quality thresholds for the Auto Capture function
FlexFlat	<ul style="list-style-type: none">Enables to capture flat fingers anywhere on the image capture areaApplicable for single, dual or four fingersSupported by Guardian 100, Guardian 200, Guardian Module, L Scan 500 and L Scan 1000
FlexRoll	<ul style="list-style-type: none">Enables to capture roll fingers on the entire width of the image capture areaWorks independent of roll direction and roll capture modeSupported by Guardian 200 and Guardian Module
Presentation Attack Detection	<ul style="list-style-type: none">Provides spoof detection functionality to existing HID fingerprint scannersConfigurable FAR/FRR according to application by provided DET curves for each scanner
	SYSTEM REQUIREMENTS
Operating Systems	<ul style="list-style-type: none">Windows® 10 and 11Linux® RHEL, Ubuntu, Fedora and Rocky
	SOFTWARE COMPONENTS
Test and software updating tools	<ul style="list-style-type: none">Test Wizard to retrieve and analyze all status information from PC, device and softwareFirmware updaterSoftware license updaterTrace application for troubleshooting analysis
	DOCUMENTATION AND SAMPLE APPLICATIONS
	<ul style="list-style-type: none">Complete description of all API functions and return codesSequence diagramsConfiguration filesSample applications including C++ and C# source code, and Visual Studio project filesTest clients for testing API functions and workflowsRevision history
	SUPPORTED DEVICES
	HID L Scan 500 and 1000 HID Guardian™ 45, 100, 200, Module HID Patrol

Data subject to change without notice.



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