DERMALOG JENETRIC

TOUCHLAB SDK

Comprehensive tool suite for DERMALOG JENETRIC's fingerprint scanner line

Outstanding Features

> Easy to integrate
> Automatic capture and built-in quality control
> Fake fingerprint detection (PAD)
> Mature testing tools
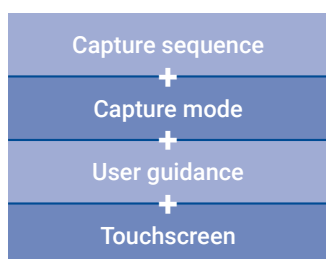> Works with Windows and Android

Key Benefits

TOUCHLAB SDK is the perfect tool for biometric verification and enrollment processes, allowing the customization of DERMALOG JENETRIC products for numerous biometric purposes.

TOUCHLAB SDK: Versatile, Flexible and Feature-Rich Software Development Kit
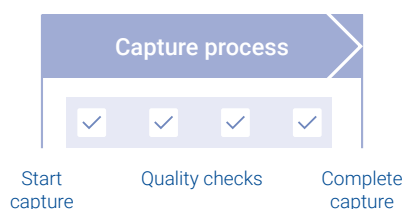
Fast integration into enrollment and verification applications

TOUCHLAB SDK provides full access to LIVETOUCH scanners and a broad range of sophisticated features, making capturing as easy as possible. Equipped with segmentation, NFIQ 2.0 / 2.2 quality check and license management, e.g. for rolled fingers and electronic signatures, TOUCHLAB SDK supports fully customized applications. Furthermore, comprehensive testing tools and integration samples are available for Windows and Android operating systems.

Full Package
TOUCHLAB SDK is equipped with a complete set of features to exploit the full potential of e-c-thru technology. From the number and order of fingers to be enrolled to the type and parameters of feedback elements to the touchscreen functionality – you determine what is best for your application..

Automatic Capture and Built-In Quality Control
TOUCHLAB SDK allows for automatic or manual fingerprint capture. In addition, it enables real-time quality checks during the capture process. Thus, the quality of the fingerprint image is checked before it is captured, reducing the failure-to-enroll rate and the number of re-captures.

Mature Testing Tools
The CHECKBOX application allows you to analyze and test all device functions. Along with the ability to upload firmware updates and optional software licenses, CHECKBOX is a powerful tool that can be used in the field without special training, making maintenance and support of your deployment much more effective.

TOUCHLAB SDK for WINDOWS

	LT QUATTRO	LT QUATTRO Compact	LT QUATTRO Compact Up	LT DUO	LT PALM
Operating Systems					
Windows 7/8/8.1 (x86, x64)	●				
Windows 10/11 (x86, x64)	●	●	●	●	●
WHQL Certified Driver*	●	●	●	●	●
Features					
Fingerprint Auto Detection	●	●	●	●	●
Manual Image Capture	●	●	●	●	●
Rolled Prints	●	●	●	●	●
Palm Capturing					●
Fake Detection (PAD**)	●	●	●	●	●
Image Quality Checks***	●	●	●	●	●
NFIQ 2.0 Quality Testing	●	●	●	●	●
Fingerprint Segmentation	●	●	●	●	●
User Guidance****	●	●	●	●	●
Supported Image Formats	●	●	●	●	●
PNG	●	●	●	●	●
Software Interfaces					
C	●	●	●	●	●
.Net (C#)	●	●	●	●	●
Hardware Interfaces					
USB	●	●	●	●	●
Recommended Hardware					
Intel Core i5 (64-bit, 4 Physical Cores); 2.4 GHz	●	●	●	●	●
4 GB RAM	●	●	●	●	●
Optional software licences					
TOUCHLAB Roll	●	●	●	●	●
TOUCHLAB Secure**	●	●	●		
TOUCHLAB Signature	●				●
TOUCHLAB Document		●	●		●

*   except Windows 11
**   Presentation Attack Detection
*** Integrated quality control for number, size and position of fingers
**** Integrated set of animations for capture and user guidance

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TOUCHLAB SDK for ANDROID™*

	LT QUATTRO Compact	LT QUATTRO Compact Up	LT DUO	LT Flipcase**
Operating Systems				
Android™ (Version ≥ 7.0; ARM 32- and 64 bit Plattform)	●	●	●	●
Features				
Fingerprint Auto Detection	●	●	●	●
Manual Image Capture	●	●	●	●
Fake Detection (PAD***)	●	●	●	●
Image Quality Checks****	●	●	●	●
NFIQ 2.2 Quality Testing	●	●	●	●
Fingerprint Segmentation	●	●	●	●
User Guidance*****	●	●	●	●
Supported Image Formats	●	●	●	●
WSQ	●	●	●	●
PNG	●	●	●	●
Software Interfaces				
Java	●	●	●	●
Hardware Interfaces				
USB	●	●	●	●
Recommended Hardware				
4-Core CPU; 4 GB RAM	●	●	●	●
ARMv8-A, ARMv7-A or x86 Support	●	●	●	●
Optional software licences				
TOUCHLAB Roll	●	●	●	●
TOUCHLAB Secure***	●	●		●
TOUCHLAB Document	●	●		●
TOUCHLAB WSQ	●	●	●	●

* Android™ is a trademark of Google LLC.
** equipped with LIVETOUCH QUATTRO Compact or LIVETOUCH QUATTRO Compact Up
*** Presentation Attack Detection
**** Integrated quality control for number, size and position of fingers
***** Integrated set of animations for capture and user guidance

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