

DERMALOG

Iris Identification

Best in accuracy and speed for iris biometrics.

SCANNING IRIS
Quality: 92%

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Ultimate solution for numerous applications:

- > Border Control
- > Criminal Investigation
- > Mobile Banking
- > ATMs
- > Surveillance
- > ePassport
- > e-Visa
- > eID Cards
- > Visitor Management
- > Access Control
- > Time Attendance

Key Benefits

- > Robust Iris Identification for large scale biometric systems
- > For contact or contactless creation of NIR images



Product Advantages

- > Capture of both irises of a person
- > Large capture range (50 cm - 150 cm capture distance)
- > Total capture range of 1m³ (1x1x1 m)
- > VESA Interface for customized mounting
- > Adjustable for flexible positioning



DERMALOG Iris Biometrics – An outstanding new biometric option.

The Iris Biometrics developed by DERMALOG provides exceptional accuracy and speed. DERMALOG's iris recognition software offers the quality and accuracy it needs to capture and manage large numbers of iris images. The acquired data can be used for both registration and verification purposes. It provides a complete set of iris recognition related functions (enroll, verify and identify).

Outstanding Features



- > Tolerating low quality Iris images: Trustable coding and matching, due to difficult conditions
- > Device Independence: Compatible with professional Infrared IRIS Cameras (ISO 19794-6)
- > Speed & accuracy: Matching speed and low failure rate
- > DERMALOG MB3 allows capturing on a distance

Iris Recognition.

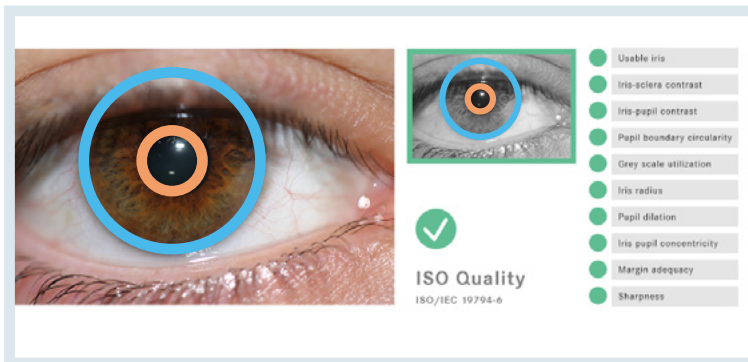
DERMALOG's latest Iris technology is camera-independent. It supports a variety of infrared iris cameras and can be used on the fly and on a distance.

DERMALOG's iris recognition is designed to make an easy integration and to meet the challenges of large-scale biometric identification systems such as national ID programs, Customs and Border Protection immigration systems, and access control systems.

Certified Quality.

The iris biometrics developed by DERMALOG provide exceptional accuracy and speed: 8.584.560 matches per second on a single blade.

Supported ISO Standards.

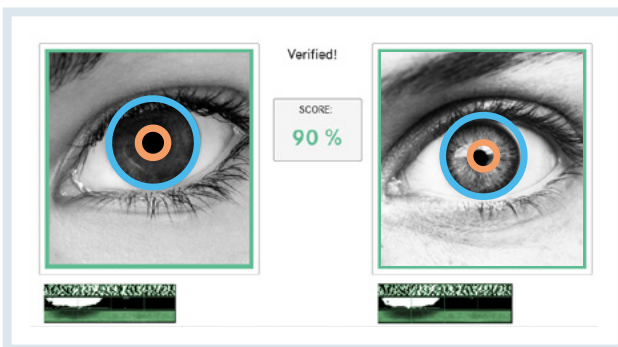


DERMALOG Iris Solution assures a high image quality based on ISO/IEC 19794-6. Iris Images are compliant to ISO 1979-6. The Iris ISO Quality Check by DERMALOG recognizes quality-related problems regarding the ISO/IEC quality guidelines for Iris Images.

Key features of ISO Iris Check:

- > Live ISO/IEC 19794-6 compliance checks for iris characteristics
- > Compliant to ISO 19794-6
- > Position Detection including live feedback

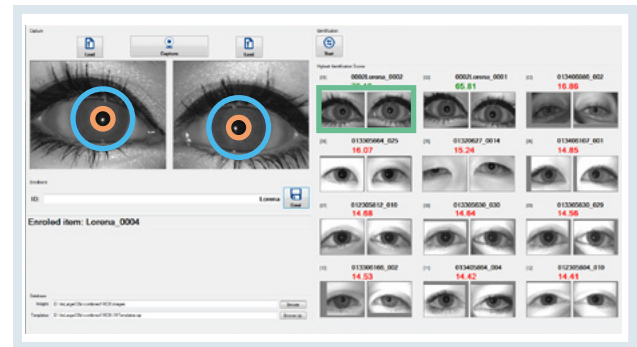
Iris Verification (1:1)



The Iris Verification feature allows to match Iris Images with highest accuracy. Characteristics identified within the recognition process are used for comparison – representing an ideal tool to use for different applications.



Iris Identification (1:n)



The Iris Identification feature enables to compare an Iris Image to a large database with highest accuracy and speed. By using a conventional desktop computer, the DERMALOG solution is able to match several million irises within a second. DERMALOG's Iris Identification comes with a user-friendly interface – including a hit list which displays the most likely match.

Disruptive elements like make up, contact lenses or light reflection on glasses have no impact on the results. Tests by independent certification authority SGS-TÜV Saar have shown that DERMALOG's Iris Identification software produces excellent low failure rates while processing with an outstanding matching speed.

More information:



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