



Letter of Confirmation

Issued to Xperix Inc.

for test report issued on the 31st of January 2024 for

ISO/IEC 30107-3 compliant Biometric Presentation Attack Detection (PAD) Level 2 evaluation of,
RealScan G10/G10i [HW version: V02C (RS-G10) / V02A (RS-G10i), SDK version: 2.0.0 - Item under test (IUT)

To whom it may concern,

BixeLab is a biometric testing laboratory accredited by National Institute of Standards and Technology (NIST) under the National Voluntary Laboratory Accreditation Program (NVLAP) with testing Lab code: 600301-0 ([certificate and scope](#) may be downloaded from the NVLAP website). BixeLab also conforms to the requirements of ISO/IEC 17025:2017 (General Requirements for Competence of Testing and Calibration laboratories). BixeLab shall not be held liable for any interpretations, decisions, or actions based on the information contained in this confirmation letter. BixeLab does not certify or make any claims regarding the performance of the IUT outside of the described context in this letter. It's important to note the time period that the testing was undertaken as attacks are constantly evolving.

Between December 2023 and January 2024, BixeLab evaluated the Item Under Test (IUT) in compliance with the applicable specifications of the ISO/IEC 30107-1 and ISO/IEC 30107-3 Presentation Attack Detection (PAD) testing and reporting standards. This evaluation took place at the BixeLab headquarters located in the Australian Capital Territory, Australia.

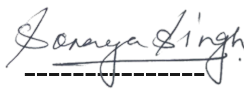
The PAD evaluation was completed to a Level 2 sophistication in a secure laboratory testing environment using 6 Level B Presentation Attack Instrument (PAI) species. These PAIs were created for 10 conformant and consenting test subjects. The evaluation evenly split the test subjects into 5 for right hand and 5 for left hand with the focus being on the "Thumb" and "Index Finger" of each hand. The evaluation targeted the end-to-end verification process, specifically examining whether a presentation attack could bypass all stages of control.

The evaluation involved 360 Level B attack presentations (60 for each attack type), and 20 bona fide presentations. The following metrics were measured based on the completed testing:

1. Impostor Attack Presentation Acceptance Rate (IAPAR)
 - a. 0 Classification error across 5 out of 6 Level B attack types tested.
2. Bona fide Presentation Classification Error Rate (BPCER)
 - a. 0 Classification errors across 20 bona fide presentations tested.

A detailed test and analysis report was generated to support the findings. For the associated Attack Presentation Non-Response Rate (APNRR) and Bona fide Presentation Non-Response Rate (BPNRR) metrics for each attack type tested, please refer to the test report [24_BXL021_TR_31].

This letter confirms that the IUT - RealScan G10/G10i [HW version: V02C (RS-G10) / V02A (RS-G10i), SDK version: 2.0.0 has been tested according to the applicable ISO/IEC 30107-3 specifications for Presentation Attack Detection testing and reporting.



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