



04 March 2022

To whom it may concern,

iBeta Quality Assurance conducted Presentation Attack Detection (PAD) testing in accordance with ISO/IEC 30107-3. iBeta is accredited by NIST/NVLAP (NVLAP Testing Lab Code: 200962) to test and provide results to this PAD standard ([certificate and scope](#) may be downloaded from the NVLAP website).

This testing was conducted with the CyberLink FaceMe SDK version 6.0.0 application using both a Samsung Galaxy S21 5G on Android 11 and Apple iPhone 12 on iOS 14.8. Testing of the active facial liveness detection solution was conducted from the 22nd of February through the 8th of March, 2022.

Testing was conducted in accordance with the contract for a level of spoofing technique that utilized materials available for under \$300 (USD) and where artefacts of the genuine biometric could be created in less than 24 hours for use in the presentation attack. The subjects for the test effort were cooperative – meaning that they were willing and able to provide any and all biometric samples. The test time for each PAD test per subject was limited to 24 hours. This is considered a Level 2 PAD test effort (second of three levels).

The test method was to apply 1 bona fide subject presentation that alternated with 3 artefact presentations such that each species consisted of 150 Presentation Attacks (PAs) and 50 bona fide presentations per device. The application would then state “Oops! Please Try Again” for the artefact presentations and “Hi, Guest” for bona fide presentations.

iBeta was not able to gain unauthorized access with the PAs yielding an overall Presentation Attack (PA) success rate of 0% on both devices. With 150 PAs for each of the 4 species per device, the total number of attacks was 1200 and the Attack Presentation Classification Error Rate (APCER) was 0%. The Bona Fide Presentation Classification Error Rate (BPCER) was also calculated and may be found in the final report.

The CyberLink FaceMe SDK version 6.0.0 application was tested by iBeta to the ISO 30107-3 Biometric Presentation Attack Detection Standard and was found to be in compliance with Level 2.

Best regards,

A handwritten signature in black ink, appearing to read "Ryan Borgstrom".

Ryan Borgstrom  
iBeta Quality Assurance Deputy Director of Biometrics  
(303) 627-1110 ext. 182  
RBorgstrom@ibeta.com