

Product Release

Product name: H5 Liveness Detection V5.3.1 release note

Summary

We have implemented two additional mechanisms to tackle the photo upload issue:

- URL validation check to ensure no tampering of H5 URL link.
- Made it mandatory for end-users to provide camera permission (if users do not provide permission, they will not be able to proceed with the H5 Liveness Detection)
 - To this end, we added support for end-users to switch browsers or devices, via URL or QR code, to complete the H5 Liveness Detection on supported browsers, or devices with camera.

Please inform AAI team if you require the above two mechanisms, as they will be configured on AAI's backend.

- To improve the UI/UX experience, upon taking the selfie, we provide end-users with the choice to either proceed with the Liveness Detection or retake the selfie.

Details

URL Validation Check

Together with the H5 Liveness Detection, we will check the URL consistency:

- This is because some users might tamper with the URL to an older version of H5 Liveness Detection, which contains the vulnerability of image upload (for select browser/device type).
- We will fail the Liveness Detection and return an error message "Wrong URL, please do not change the link."



Liveness Detection failed

Wrong URL, please do not change the link

Mandatory for users to provide camera permission.

H5 Liveness Detection has now been changed to make camera permission mandatory. Therefore, end-users will be unable to run H5 Liveness for the following scenarios:

- Device does not have a camera; or
- End user does not provide the browser with the relevant camera permission. (i.e. When H5 Liveness Detection is first started, end-users will be required to provide camera permission.)
- Application in which the H5 Liveness is embedded in, did not seek camera permission during installation.

For the above scenarios, H5 Liveness Detection:

- The frame will refresh to reflect the fact that camera permission has been denied; and
- A URL and a QR code will be provided for the end-user to continue the H5 Liveness Detection process on a different browser or device.
 - End-users can then via the URL or QR code link to complete the H5 Liveness Detection.
 - Upon completion of the H5 Liveness Detection on a separate browser or device, end-users will be informed that verification has completed, and prompted to return to the original browser to continue.



Camera permission denied

Please grant camera permission
Refresh this page to start the
liveness detection process

Refresh



Camera permission denied

Please copy the link or scan the QR code to
verify on another browser or device

https://liveness.advance.ai/index?biz_token=e...

Copy



Verification completed

Please return to the original browser
to continue

UI/UX improvement with choice to retake selfie or proceed with detection test.

In addition, we have also made the following improvements:

- UI: Modernized the design of the product.
- UX: Added a choice for end-users to Use Photo for Liveness Detection or retake the selfie.

