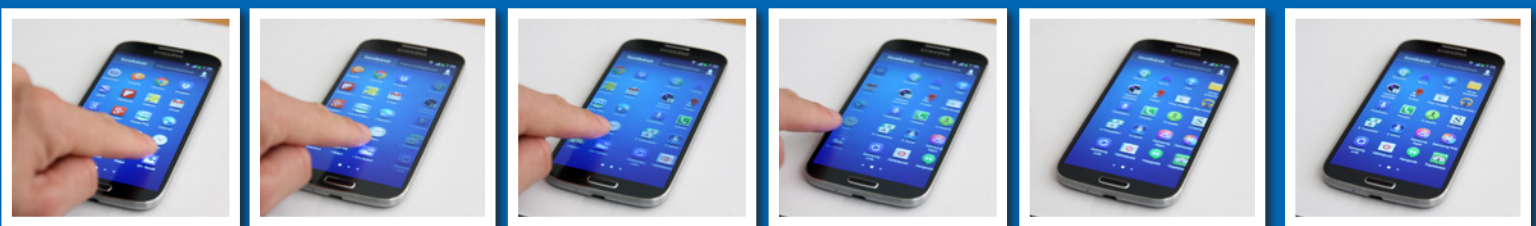


OptoFidelity SPA Scroll Performance Analyzer

Easy analyzing of application transition and animation smoothness - now also as a standalone measurement instrument.



OptoFidelity SPA is a camera based non-intrusive tool for measuring user interface animation smoothness directly from the display.

OptoFidelity SPA is designed to measure basic functions of mobile device operations such as animations and transitions. When mobile device user is navigating between different screens with swipes and other gestures devices are responding to gestures with various animations. Standard OptoFidelity SPA measures these functions with content refresh rate.

Benefits:

- *Non-intrusive method do not require any change to device under test*
- *On fly analysis and reporting saves more than 90 % of measurement time compared to manual high speed camera testing*
- *Repeatable change detection algorithm*
- *Application programming interface (API) enables robot integration and integration to test automation systems*

Examples of test cases:

- browser swipe: User swipes web page to navigate in web-page ▶ swipe content is moving to direction of swipe
- map zoom in: User zooms in by using two fingers ▶ map application is drawing close up with few steps
- image gallery flick: User flicks the image ▶ image is moved out of the display and the next image is drawn to display

Special features

- OptoFidelity SPA does not require any modification to device under test, just play you test case and y SPA will do the rest.
- OptoFidelity SPA provides two measures: • Content refresh rate • Content movement speed (option)
- Acquisition speed of standard package is 350fps
- Higher resolution and higher speed camera can be selected as an option.



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OptoFidelity is specialized in test automation. Our automated test systems are designed to non-intrusive touch panel device testing. Our test selection is versatile from turn-key test systems to custom-designed solutions. We offer also several test instruments which can be used separately or for building a complete, fully automated tailor made test system. Most of our products are scalable and can also be integrated to customers own test automation system or our partners software testing tools.

Our way of work is customer based, devoted, trustworthy and based on a strong know-how. Our business relies on respect towards our customers.



Previously OptoFidelity SPA has been add-on tool for OptoFidelity WatchDog, but now you can purchase SPA also as a standalone measurement instrument.



Watch OptoFidelity SPA videos on YouTube.


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