

Actual Radiation Detected with the iPhone Camera - Supports Apple Watch

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Miami based Entropy Global Investment Inc today introduces Ray Detect 1.0, a laboratory-tested mobile app that turns any iPhone into a real radiation detector. Ray Detect uses the iPhone camera sensor to test for gamma-radiation and X-rays, the most penetrating forms of radiation. Unique features like sharing results, maps, support for Apple Watch and operation without calibration, Internet connection or external devices make Ray Detect the easiest way to test for unexpected radiation.

Miami Beach, Florida - Entropy Global Investment Inc today is proud to announce the release of Ray Detect 1.0.0, the company's new radiation detection app developed exclusively for the iPhone and Apple Watch. Ray Detect uses the iPhone camera sensor to test for gamma-radiation and X-rays, the most penetrating forms of radiation. Whether people worry about external nuclear mishaps or simply want to check items and places with higher levels of radiation, Ray Detect helps them detect it by themselves, at anytime, with just a compatible iPhone. Unique features like sharing results, maps, support for Apple Watch and operation without calibration, Internet connection or external devices make "Ray Detect" the easiest way to test for unexpected radiation.

The idea for the app came about in 2015, in the security line of an airport in Austria, where pet owners had to send their beloved cats and dogs on the belt inside the X-ray machine. "We're living in a world where really anything can happen," the app's project leader was quoted as saying. "How great it would be if we could test for radiation, in an easy way, at any time and anywhere just as we do to find our location on a map?"

Ray Detect has been developed in strict laboratory conditions and comes pre-calibrated so that everyone can take a reading at the tap of a finger. Another tap and users can add comments to their results, which get saved automatically and can be reviewed with a simple swipe right or swipe left gesture, thanks to the embedded calendar and maps. None of this requires Internet connection or any external device, which is very handy especially when people travel. The real bonus feature is that the app's users can share the results with loved ones, using outstanding colorful visuals and texts in a user-friendly format to explain the potential impact on human health or the lack of, giving piece of mind.

The information pre-loaded in the app helps us understand more about the types of radiation it can detect, the results we get and essentially how it works. The technology is based on research data released in 2014, confirming that the waves of ionizing radiation, like the gammas and X-rays, are detectable by the sensors of the digital cameras similarly to visible light, a harmless form of electromagnetic radiation. Ray Detect uses the back-facing camera and needs users to keep it completely covered while taking a reading. Interference from visible light can pause the detection or lead to false positives and must be avoided.

Features:

- * Reliable, accurate testing in a matter of seconds. It is enough to cover the phone's camera to reduce light interference and the app is ready for testing
- * Easy-to-browse calendar and map views for all the measurement records, without limit
- * Outstanding representations of both current and past monitoring results to be shared with friends and family and make them aware without causing panic

The "Ray Detect" mobile app is part of a larger project, including a website about gamma-radiation and X-rays, the most penetrating forms of ionizing radiation and aimed at helping people stay informed about radiation matters.

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Device Requirements:

- * iPhone 5s, iPhone 6, iPhone 6 Plus, iPhone 6s, iPhone 6s Plus and iPhone SE
- * Requires 9.0 or later
- * 23.7 MB

Pricing and Availability:

Ray Detect 1.0.0 is \$2.99 USD (or equivalent amount in other currencies) and available worldwide, in several languages, exclusively through the App Store in the Utilities category.

Ray Detect 1.0.0:

<http://www.raydetect.net/iPhone>

Purchase and Download:

<https://itunes.apple.com/app/id1070744945>

Promotional Image:

<http://www.raydetect.net/#!/multiscreen/xcfix>

Screenshot:

<http://www.raydetect.net/#!/screenshotpng/c7c0o>

App Icon:

<http://www.raydetect.net/#!/logo/snw8l>

Media Assets:

<http://www.raydetect.net/press>

Located in Miami Beach, Florida/United States, Entropy Global Investment Inc was founded in 2015 by Mihai Popescu and Dan P Medrea. It operates as a development lab for mobile phone software and social media products. All Material and Software (C) Copyright 2016 Entropy Global Investment Inc / All Rights Reserved. Apple, the Apple logo, iPhone, iPod and iPad are registered trademarks of Apple Inc. in the U.S. and/or other countries. Other trademarks and registered trademarks may be the property of their respective owners.

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