



## IMAGE INSIGHT INC. RELEASES iOS RADIATION DETECTION APP

EAST HARTFORD, CT. – May, 2013 – Image Insight Inc., announces the release of the GammaPix™ app for iOS devices. As with the Android version, the app uses software and the iPhone/iPod/iPad's cameras to measure radioactivity levels, allowing users to check the safety of their local environments. The software is a full-featured civilian version of technology developed under contracts with the U.S. Department of Defense\* and with the U.S. Department of Homeland Security.

GammaPix software can be used for detection of radioactivity in everyday life such as exposure on airplanes, from medical patients or contaminated products. It also detects hazards from unusual events, such as nuclear accidents of the kind experienced in Fukushima, Japan, a terrorist attack by a *dirty bomb* or quietly placed *radioactivity exposure device (RED)*.

Significant feature updates to the iOS product include: the ability to use either the front or back camera, a *Turbo Measurement Mode* for faster, more sensitive analysis, the ability to connect to our *Web Portal Database* to compare your readings with those of others, as well as additional exciting features. When the user has collected a sufficient number of readings an updated calibration will be sent to the device. The product is currently available on iTunes for \$4.99.

Professional apps for both Android and iOS platforms will soon be available for police, fire, medical and other First Responders. GammaPix products are currently in use by civilian, law enforcement, and military groups in the U.S., Japan and many other countries.

How does this work? The *GammaPix Radioactivity Detection Software* takes advantage of the inherent sensitivity of digital cameras to ionizing gamma radiation. Our patented technology is based on software that analyzes images produced by a surveillance camera, webcam or smartphone to measure gamma radiation exposure at the device. The technology is sensitive enough to detect, within seconds, dangerously high levels of radiation so action can be taken immediately. GammaPix™ can also be used to collect data over longer times; from minutes, to detect weaker radioactivity sources, to hours, measuring normal background radioactivity.

### **About Image Insight**

Image Insight's mission is the creation of software for advanced analysis of video and still images. It is the third spin-off from Advanced Fuel Research, Inc. (AFR), where technology development began. Image Insight is focused on the development of low cost, widely dispersed networks of radioactivity detection devices to protect communities and facilities where people congregate.

For more information about the GammaPix app for smartphones visit [www.GammaPix.com](http://www.GammaPix.com). For information about Image Insight, visit [www.imageinsightinc.com](http://www.imageinsightinc.com) or contact Tina Rubin; 860.528.9806, x113.

\*The views expressed are those of the author and do not reflect the official policy or position of the Department of Defense or the U.S. Government.