



## **CBS Show, CSI: Miami, to Feature Advanced Photonix Technology**

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Advanced Photonix, Inc.(R) (NYSE Alternext US: API) announced that the highly rated CBS network show CSI: Miami will feature the T-Ray(TM) 4000 terahertz system in an episode to air on Monday, December 15, 2008. The T-Ray(TM) 4000 is the 4th generation terahertz system developed by Picometrix, an API company, and is the most advanced instrument capable of tapping into the new world of terahertz spectroscopy and imaging.

### About Terahertz Technology

Terahertz is the last unexplored frontier of the electromagnetic spectrum. Through its subsidiary, Picometrix, Advanced Photonix, is the leader of robust terahertz instrumentation with its T Ray(TM) product line. Terahertz is a new disruptive technology for non-destructive testing by combining subsurface imaging and chemical analysis. Terahertz can see through most materials, yielding high spatial resolution similar to the human eye and greater than microwave imaging. Terahertz imaging has the ability to provide precise depth resolution for 3D imaging, significantly better than x-ray. It is safe for humans and therefore has significant potential to be applied to many applications including: on-line non-destructive testing for quality control of products and packaging for industrial markets; weapons and explosives detection for Homeland Security and Defense markets; topical imaging for the Medical market; quality control of external skins on space vehicles for the Aerospace and Military markets and many more.

### About Advanced Photonix, Inc.

Advanced Photonix, Inc.(R) (NYSE Alternext US: API) is a leading supplier of optoelectronic semiconductor components and subsystems and terahertz instrumentation to a global OEM customer base. Products include the patented InGaAs high-speed optical receivers in APD and PIN configurations and silicon PIN, large area APD and FILTRODE(R) detector configurations. More information on Advanced Photonix can be found at <http://www.advancedphotonix.com>.

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