



PRESS RELEASE

PhotoSound® announces the availability of *FLASH* high frame and sampling rate data acquisition electronics optimized for photoacoustic imaging

January 22, 2019

Build the best photoacoustic platform powered by PhotoSound® analog-to-digital converters, preamplifiers and data acquisition units

Houston, Texas, USA - PhotoSound Technologies, Inc., experts in imaging and data acquisition solutions, announces the *FLASH* series, high frame and sampling rate data acquisition electronics optimized for photoacoustic imaging. Built to satisfy the most demanding applications, the *FLASH* series includes key features such as built-in trigger generators, unique combination of optical and electrical triggers and low power consumption. All *FLASH* products are enclosed in durable, high quality compact housings with industry standard SMA connectors to match third-party hardware.

“The *FLASH* series can collect data at rates up to 6000 fps and 100,000 data points per frame per channel,” said Mark Little, PhD, Director of Business Development, PhotoSound Technologies, Inc.

Programmable *FLASH* analog-to-digital converters (ADCs) come in 32-Channel configurations with -4 to 45 dB gain and additional 40 dB gain through additional preamplification. High sampling rates up to 77 MSPS and high-speed USB 3.0 connectivity provide blazing fast data acquisition. SMA breakout boards are also available for evaluation, testing and development purposes. A software development kit is available for all ADC and DAQ units in order to integrate all system functions into third-party software.

The *FLASH* series is commercially available now. For more information, please visit <https://www.pst-inc.com/flash/>

About PhotoSound®

PhotoSound Technologies, Inc. was founded in September 2015 in Houston, Texas USA to develop and manufacture new imaging products and technologies. Deriving its name from Alexander Graham Bell's discovery of the production of sound by light, PhotoSound excels in research, development and manufacturing of specialized equipment for biomedical applications based on photoacoustics.

The company developed and patented the first commercially available imaging instrument based on PhotoAcoustic Fluorescent Tomography (PAFT) and manufactures unique data acquisition systems with up to 256 channels on a single board with the ability to run up to four boards in parallel.



Engineers and application scientists at PhotoSound bring world-class expertise in development of biomedical imaging instrumentation, data acquisition electronics, tunable lasers, optical and ultrasound detectors. All employees at PhotoSound are committed to provide every customer with the highest quality products and services with short delivery times and competitive pricing.

All product and company names herein may be trademarks of their registered owners.

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