

Press Release: April 13, 2017

## Syncroness and Colorado-based development partner Anemoment are pleased to announce the commercial launch of the world's lightest 3D wind speed anemometer, TriSonica™ Mini.

Syncroness and Anemoment have jointly developed a miniature, lightweight, high accuracy wind speed and directional anemometer. TriSonica Mini is a 3-dimensional ultrasonic anemometer ideal for mobile applications and small spaces, especially in the meteorology and unmanned vehicles (UAV) markets.

The TriSonica Mini is the world's smallest 3D anemometer at 75 mm per side and less than 50 grams in weight. It can measure wind speed and direction in all three axes (x, y and z) up to 30 m/s (67 mph) with a 10 hertz sampling rate. The TriSonica Mini's solid-state wind system has no moving parts, maximizing product durability, accuracy, and reliability.

“The compact TriSonica Mini brings 3D wind sensing to new markets unreachable by traditional anemometry's bulky, heavy devices. It is light enough to attach to a drone, fast and accurate enough to facilitate real-time decision-making, and inexpensive enough to be used as a disposable. The TriSonica Mini brings revolutionary change to wind information technology.” – Stephen Osborn, Founder, Anemoment, LLC



TriSonica Mini

Four redundant measurement paths and unique geometric features (patent pending) limit distortion and provide precise 3-dimensional wind measurement in a tiny footprint. The TriSonica Mini interfaces with all standard data collection systems to ensure easy integration to your existing platform. Syncroness specializes in providing systems integration and data collection software for customers that desire a custom application or product.



“Trisonica Mini is SyncWorks’, the new technology incubator for Synchroness, first foray into designing, integrating, and launching a commercial product. I am incredibly proud of the product we created and very excited to see the market’s reaction at AUVSI.” said Mark Henault, CTO, Synchroness, Inc.

**About Anemoment:**

Anemoment LLC is a tech start-up based in Longmont, Colorado and is the home of the TriSonica™ line of compact 3-dimensional anemometers. The TriSonica line was developed by Stephen Osborn, the engineer behind the commercial and scientific 3-dimensional anemometers currently offered by Applied Technologies, Inc., and represents 20 years of Stephen’s experience in ultrasonic anemometry design. Applied Technologies, Inc., <http://www.apptech.com/> will distribute the TriSonica family of products. For more product information or to order, visit [Anemoment.com](http://Anemoment.com).

**About Synchroness:** For more than 18 years, Synchroness has provided inspired solutions to highly complex business and technical problems. The company has a strong portfolio of clients in the medical device, aerospace, and custom automation industries. By providing a full complement of engineering services aligned to the entire product lifecycle, Synchroness enables companies to accelerate product development and drive more predictability and productivity into their businesses. Working with Synchroness, companies gain the critical insights necessary to develop products that make a difference and create a better world. Synchroness is based in Westminster, Colorado. [www.synchroness.com](http://www.synchroness.com).

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