



## Press Release

*For Immediate Release*

### **Aegis Introduces Next-Generation Channel Monitors at OFC/NFOEC 2009**

*The new products monitor 40/100G carrying channels independent of modulation formats*

**Woburn, MA — March 23, 2009** — Aegis Lightwave, a leading innovator of channel monitors for fiber-optic communications announced today the launch of a new line of channel monitors ideally suited for high-speed DWDM channels that transmit at data rates of up to 40 Gb/s or 100 Gb/s. The new product line will be on display at OFC/NFOEC 2009 in San Diego, CA in Booth #3631.

This new line of products features spectral processing algorithms that have been entirely re-designed to address the new requirements of next-generation ROADM systems. These new requirements include DWDM channel transmission at data rates of up to 40 Gb/s or 100 Gb/s using any combination of modulation formats.

“The innovation behind this new product line is a culmination of years of our team’s dedicated focus on channel monitors,” said Jeffrey Farmer, President and CEO, Aegis Lightwave. “This new product line is designed for customers who continue to turn to Aegis for their current and future monitoring requirements that increasingly emphasize size, cost and performance.”

The new line of channel monitors offers ideal solutions for a wide range of DWDM monitoring application from the edge to the core of optical transport networks. The new product line is comprised of three channel monitor platforms:

- The CTM 1250 is the most compact optical channel monitor available on the market. With a size of only 80 x 30 x 9 mm it is ideal for edge-ROADM applications where space on a line-card is at a great premium.
- The CTM 2250 is capable of monitoring two ports simultaneously without the use of a fiber-optic switch. This feature is ideally suited for multi-degree metro/regional ROADM systems where multiple monitoring points are required.
- The OCM 2550 is ideal for very high-speed and extended-reach applications where monitoring wide channel divergences with high accuracy or measuring interpolated OSNR are of value. The underlying technology platform is also well suited for in-band OSNR measurement capabilities that may be considered in the future.

The large-scale deployments of ROADM systems in recent years drove down the cost and form-factor requirements for channel monitors to enable distributed monitoring. The upcoming rise of 40G and 100G channels in ROADM networks impose new requirements on DWDM channel monitors such as the capability to monitor a mix of DWDM channels with

various bit rates and modulation formats, while rejecting false-positives generated by filtered ASE. Aegis' new channel monitors offer the most high-performing, cost-effective and space-efficient solutions on the market.

**About Aegis® Lightwave, Inc.**

Aegis Lightwave is a privately held company that builds a wide range of cost-effective optical channel monitoring solutions. Based on its Active Thin Films™ technology, Aegis is the first company to deliver low-cost wavelength-monitoring components and modules that are easily manufactured using proven methods from the semiconductor industry. Aegis is backed by leading investors and venture capitalists including Vesbridge Partners, Alta Partners, Technology Venture Partners and Megunticook Management. The company is located in Woburn, Massachusetts, USA. More information can be viewed at [www.aegislighthouse.com](http://www.aegislighthouse.com).

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