



**Shenzhen, China, 4 September 2019** - Cambridge Industries Group ([CIG](#)), today announced a live demonstration of a complete, first-ever, 200G FR4 optical module at [CIOE 2019](#), Shenzhen, China. The module is fully compliant with [Open Eye MSA](#) specifications and interoperable with multiple vendors' products including DSP based 200G optical modules.

"This live demonstration of our new analog CDR based 200G FR4 module, in addition to our DSP-based modules, reaffirms our commitment to bring low cost and low power technologies to the industry," said Gerald Wong, CEO of CIG. "CIG is the first in the world to introduce this product into the datacenter interconnect markets, and together with our large scale, high quality automated manufacturing capabilities, we are capable of quickly meeting the needs of the DCI market."

The module adopts 50Gbps PAM-4 format and uses a leading component provider's analog clock and data recovery (CDR) chipsets. This enables lower cost, lower power, and lower latency compared to DSP-based modules. Low latency is especially important because mission critical applications such as real-time application or high- frequency trading require very low latency transmission.

"We are very excited about CIG's 200Gbps single mode QSFP optical module, the first module to meet recently released Open Eye MSA specifications. This approach has accelerated the industry adoption of PAM-4 format with the less complex, lower cost, lower power, and optimized analog CDR based architectures." Open Eye MSA consortium stated.

CIG is applying its expertise and leadership in optical module design and manufacturing for 25Gbps, 100Gbps and 400Gbps products into these new 200Gbps modules targeted for datacenter applications. The product is in the early sampling stage with general availability (GA) expected in early 2020.

Attendees of CIOE 2019 are invited to visit CIG's stand #1C51 to view the live demonstration of the analog CDR based 200G modules and learn more about the product.

### **About Cambridge Industries Group (CIG)**

CIG Shanghai Co., Ltd ([CIG](#)) is a holding company with subsidiaries in China, USA, Japan, Malaysia and Germany. CIG was listed in Shanghai Stock Exchange in 2017.

CIG has 4 business units: Broadband Business Unit, Wireless Business Unit, Photonics Business Unit and Network Business Unit

As its core competence, CIG has a "two-engine drive" business model, which provides high quality R&D and state-of-the-art manufacturing collaborative services to the ICT industry. There are 850 R&D engineers and over 2000 manufacturing workers in CIG. CIG also collaborates with CMs located in Thailand, Malaysia and Japan to manufacture certain products. Millions of CIG products have been

shipped and deployed worldwide each year. Learn more about CIG and connect with us on Twitter: @CIGUSA2.

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