



NEWS RELEASE

Oradar and Lumentum Demonstrate Next-Generation LiDAR Technology

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Companies to display technology in a live demo at CIOE 2021

SHENZHEN, China, and SAN JOSE, Calif., September 16, 2021 - Shenzhen Oradar Technology Co., Ltd. ("Oradar"), a leading automotive 3D vision sensor provider in China, and Lumentum (NASDAQ: LITE), a market-leading designer and manufacturer of innovative optical and photonic products, today announced their live demonstration of next-generation LiDAR technology at the China International Optoelectronic Expo (CIOE) 2021 in Shenzhen, China.

As a leading LiDAR and automotive 3D vision sensor solution provider in China, Oradar has launched several LiDAR and automotive 3D time-of-flight (TOF) products. Oradar has recently demonstrated an all-solid-state LiDAR technology with no moving parts, which integrates single-photon avalanche detector (SPAD) array technology with Lumentum's addressable multi-junction vertical-cavity surface-emitting laser (VCSEL) array technology.

"Lumentum has deep technical capabilities in the VCSEL field. Oradar has extensive experience in LiDAR system architecture design, hardware, software, and algorithms development. Prior to this, the companies have had deep contact and established a good foundation for cooperation," said Oradar CEO, Yan Min. "Through this cooperation, we will jointly break through the key bottlenecks in the architecture design, performance, and parameters of the core components of LiDAR. We will promote LiDAR sensors into large-scale mass production in the robotics and automotive industries."

"Lumentum's addressable multi-junction VCSEL array technology enables industry-leading performance and unique, new, all solid-state LiDAR architectures, such as in our demonstration with Oradar," said Lumentum Senior Director of Sales, Mark Ji. "We are excited to bring another disruptive VCSEL array-based solution to the market which leverages our unparalleled photonic technology and capabilities."

To view the live demo, visit Oradar, Hall 1, Booth 1B052, or speak to a Lumentum representative at Hall 1, Booth 1B055 at CIOE 2021 at the Shenzhen World Exhibition and Convention Center on September 16th - 18th, 2021.

About Oradar

Oradar Technology Company Limited is a leading automotive 3D vision sensor provider in China. The company is a high-tech company with design, R&D, manufacturing and sales capability.

Established in 2019, Oradar has focused on the development of core components and new system architecture designs for innovative automotive 3D camera and Lidar. The company's main products include Lidar and 3D TOF cameras for autonomous robotic vehicles and automotive applications.

About Lumentum

Lumentum (NASDAQ: LITE) is a market-leading designer and manufacturer of innovative optical and photonic products enabling optical networking and laser applications worldwide. Lumentum optical components and subsystems are part of virtually every type of telecom, enterprise, and data center network. Lumentum lasers enable advanced manufacturing techniques and diverse applications including next-generation 3D sensing capabilities. Lumentum is headquartered in San Jose, California with R&D, manufacturing, and sales offices worldwide.