

# New Finnish Fiber Optic Sensor Brand



## Overview

Founded in 2023, Lightsonic creates innovative technology that uses existing fiber optic networks to provide real-time, high-resolution monitoring of infrastructure like water and gas lines, telecoms, energy grids, and subsea assets. FISO is a leading developer and manufacturer of fiber optic sensors & signal conditioners used in medical, energy, process control, and R&D applications. As a member of FISO business development's team, Audrey works directly with our partners to help them choose the right products for their. Detection Technology specializes in providing advanced detector solutions, including high-resolution and high-speed X-ray cameras and photodiodes, which are essential for various imaging applications, particularly in medical and security sectors. Their product portfolio features innovative. Lightsonic, a Norwegian-founded pioneering software firm utilizing fiber optic sensing technology, has secured €3. At PhotonFirst we develop Fiber Optic Sensing Solutions for complex measurement challenges. We realize complete sensing solutions for our customers, starting at. The Finland sensor market is experiencing steady growth driven by advancements in industries such as automotive, healthcare, and consumer electronics.



## Article Content

Somni Solutions | High performance fiber optic sensors

Somni Solutions specialises in the design and manufacturing of innovative high performance fiber optic sensors. These sensors use fiber optic technology to

Fiber Optic Sensor Market

The Fiber Optic Sensor Market is benefiting from advancements in manufacturing processes that enhance the production and application of fiber

Briefly in English

Fibernet Finland was established in 2019, with a mission to enable people, communities and industries to benefit from digitalization with the help of a high-speed and reliable fibre optic network.

What is a Fiber Optic Sensor?

A fiber optic sensor operates with an optical fiber cable connected to a dedicated light source. These sensors offer great mounting flexibility and can be used in

Fiber Optic Sensors

Fiber optic sensors are compact because the detection circuit is located in the amplifier, allowing for detection even in narrow spaces. Installation and

Insider Information: Enersense and Valoo have signed an

Enersense, a provider of zero-emission energy solutions, and a Finnish optic fiber company Valoo have signed a turn-key project contract on construction of an optic fiber network (FTTH = Fiber to the

Neoptix Fiber Optic Temperature Sensors, Probes and

Neoptix is a fast paced, imaginative and agile company that designs and manufactures fiber optic temperature sensors for manual and automated

Photonics Finland – Photonics Finland Website

What is Photonics Finland? Photonics Finland is a technology cluster that promotes the photonics industry and research in Finland by connecting Finnish photonics

Strong first year for telecom JV in Eastern Finland

The joint venture established by Finnish telecom operator BLC Telecom and the infrastructure fund OP-Suomi Infra in the fall of 2022 is rapidly

Finnish Maki.vc leads a €3.3M seed investment in Lightsonic, a ...

By turning fiber optic cables into advanced sensors, Lightsonic offers scalable, affordable, and precise solutions for detecting leaks, threats, and failures, helping prevent accidents and downtime.

Top 53 Optical Sensor Manufacturers in Finland (2026) | ensun

Discover all relevant Optical Sensor Manufacturers in Finland, including Detection Technology and Optofidelity

Fiber Optic Sensors Market Growth Analysis

Furthermore, fiber optic sensors are being integrated with other sensors, such as hydrophone arrays and fiber optic gyroscopes, to create sensor fusion systems.

Fiber Optic Sensors Market Size, Competitors & Forecast

Report Scope This study analyzes the many types of fiber optic sensors, including intrinsic and extrinsic sensors, as well as the many applications of these

Top Companies in Distributed Fiber Optic Sensors 2034

The top companies in distributed fiber optic sensors market are shaping a rapidly evolving ecosystem driven by infrastructure digitization, energy transition, and

Company | Lapp Automaatio

We were the first in Finland to utilize laser welding in the sensor manufacturing process and introduced ATEX-approved temperature sensors to the market as

Finland Sensor Market (2025-2031) | Segmentation & Companies

Companies such as Vaisala, TactoTek, and Nokia are leading players in the Finnish sensor market, offering innovative solutions to meet the evolving needs of various industries.

Members - Photonics Finland

Photonics Finland has over 250 individual and over 130 organizational members. Welcome to Photonics Finland Members database. You can search members

Fiber Optic Sensing | PhotonFirst

Discover PhotonFirst's Fiber Optic Sensing Solutions, designed to tackle complex measurement challenges. With 18 years of expertise, we innovate and engineer

Top Fiber optic sensing companies | VentureRadar

AiMiLight Sensors and Intelligent Systems Inc. is a vertically integrated fiber sensor company specializing in fiber optic sensing solutions. The company offers advanced technologies such as

Finland Sensor Market (2025-2031) | Segmentation & Companies

Finland Sensor Market Overview The Finland sensor market is experiencing steady growth driven by advancements in industries such as automotive, healthcare, and consumer electronics. Key factors

Distributed Fiber Optic Sensor Companies

Distributed Fiber Optic Sensor industry insights on factors that are driving the growth of the Distributed Fiber Optic Sensor Market and key players along with their go to market strategies and new revenue

43 companies for Fiber Optic Telecommunications in Finland

Nestor Cables is a Finnish manufacturer that specializes in fiber optic telecommunications, offering a wide range of fiber optic cables and essential accessories for fiber optic networks. Their product line

Photonics in Finland: The making of a technology cluster

Finland's photonics industry is currently worth around €1.2 billion a year and employs 4,200 people. Of the 260 companies working in photonics, 60

7 Key Insights into the Fiber Optic Sensor Market

The fiber optic sensor market is experiencing a significant upswing. Valued at \$3.2 billion in 2023, it is anticipated to grow to \$3.5 billion in 2024.

Bird & Bird acts as legal advisor for Valoo Oy rebrand

The project included preliminary research to ensure the usability of the new brand, several trademark applications to protect the new brand and the updating of the official business

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://boxesgaramella-andria.it>

Email: [sales@boxesgaramella-andria.it](mailto:sales@boxesgaramella-andria.it)

Phone: +39 331 584 7291

Address: Via delle Industrie, 15, 20154 Milano, Italy

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