



The specialist in laser technologies

# Lumibird Photonics Sweden company presentation 2024





1100 + employees



Worldwide

12 production & R&D sites



**France** (Lannion, Le Barp, Cesson-Sévigné, Cournon d'Auvergne, Talence, Villejust), **Slovenia** (Ljubljana), **Sweden** (Göteborg), **Italy** (Turin), **USA** (Bozeman, Boston), **Australia** (Adelaide)

191 M€ revenue



in 2022

**Euronext** stock exchange

Listed under the LBIRD code



# LUMIBIRD at a glance



A fast-growing innovative company



With a worldwide footprint

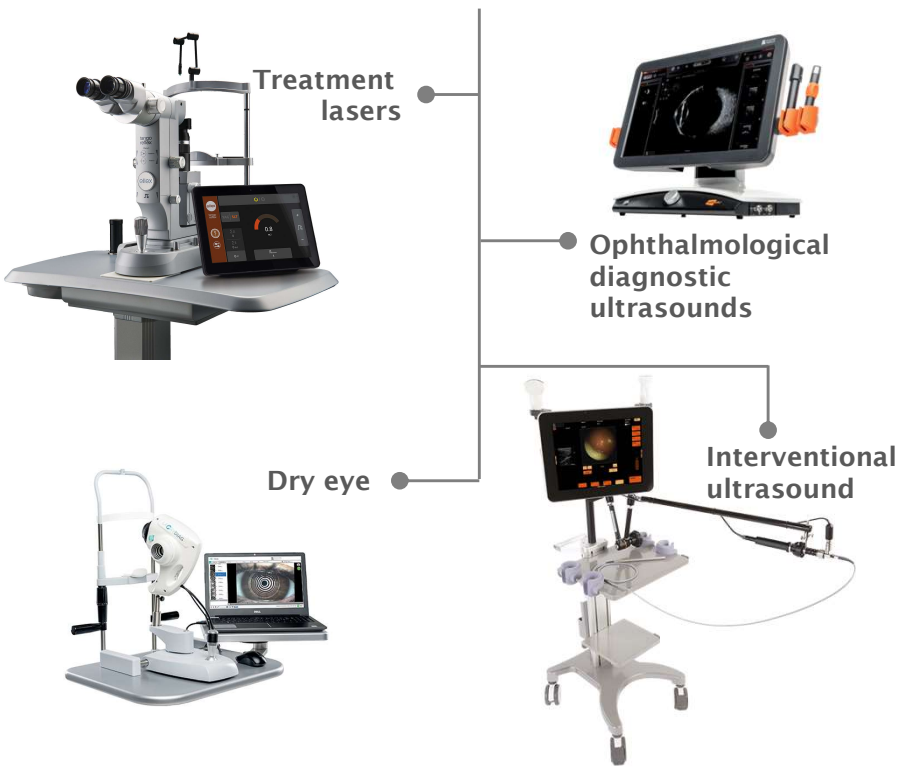


The group is present in Europe, America, Asia and Oceania through its subsidiaries and offices, and has a large network of distributors covering a total of 110 countries

|                          | Medical | Photonics | LiDAR systems |
|--------------------------|---------|-----------|---------------|
| Production/<br>R&D sites | 3       | 7         | 2             |

# MEDICAL division

Designing, manufacturing and selling medical equipment



Brand®



# PHOTONIC division

Designing, manufacturing and selling lasers and laser systems



# Our markets



## Medical / ophthalmology



Diagnosis

Treatment

## Photonics



Industrial & Scientific

Defense & Space

LiDAR sensors & instruments



Ophthalmologists



General practitioners, sport doctors...



Hospitals



Specialized distributors



Universities



Laboratories



Industrial integrators



Research centers



Defense Industrial sector



Space



Autonomous vehicles



Wind turbines



Drones



Meteorology & Airport

# Verticalization strategy



Suppliers

Duality of sources and components

Raw materials

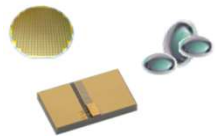
Components

Sources

Functional blocks

Systems

External suppliers



Internal supplier - FIBRE



CIVIL

DEFENSE



CIVIL

DEFENSE



CIVIL

DEFENSE



LIDAR



MEDICAL  
External customers



# LUMIBIRD PHOTONICS SWEDEN AB





Company name: Lumibird Photonics Sweden AB  
Division: Photonics  
Country: Sweden  
City: Gothenburg  
Number of employees: ~55  
Business: Laser Range Finders for military use







# Lumibird Photonics Sweden AB History

Started 1962, 60 years in the laser business

Company history:

- Ericsson 1962-1997
- Saab 1997-2022
- Lumibird since 1<sup>st</sup> of June 2022

Lasers delivered 5 000

Currently in use 2 500

Our products are used in 40 different countries



# Lumibird Photonics Sweden AB

## Overview

**One-stop-shop: Management, Sales/Business development, R&D, Manufacturing and after sales.**

- **6 different LRF in production**

**Annual production capacity: 100-150 new systems and 40-60 repairs**

**Total area 1457 sqm**

- **800 sqm cleanroom**
- **150 sqm storage**
- **500 sqm office and other space**
- **Increase with additional 500 sqm during 2024**



# Lumibird Photonics Sweden AB Certifications



**MANAGEMENT SYSTEM  
CERTIFICATE**

Certificate No.: C262816      Initial certification date: 09 January 2023      Valid: 09 January 2023 - 09 January 2026

This is to certify that the management system of  
**Lumibird Photonics Sweden AB - subsidiary of  
LUMIBIRD**  
Solhusgatan 13, 412 76, Gothenburg, Sweden

has been found to conform to the Quality Management System standard:  
**ISO 9001:2015**

This certificate is valid for the following scope:  
**Development, manufacturing and marketing of Laser Range Finders for military use.**

Place and date:  
Solna, 09 January 2023



For the issuing office:  
DNV - Business Assurance  
Eskarpagatan 16, 071 14, Solna, Sweden




Ann Louise Pålsson  
Management Representative



Loss of Effect of Certificate as set out in the Certificate Agreement may render this Certificate invalid.  
ACCREDITED UNIT DNV Business Assurance Sweden AB, Eskarpagatan 16, 071 14 Solna, Sweden - TEL: +46 8 907 9400 www.dnv.com

**ISO 9001:2015**  
**ISO 14001:2015**



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# CORE BUSINESS LASER RANGE FINDERS



## NAVAL

EOS / Gun Directors w. /w.o receiver protection

## COMBAT VEHICLES

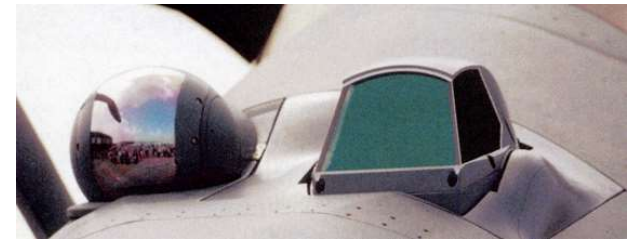
Laser rangefinders w. / w.o. receiver protection

## GROUND BASED AIR DEFENCE

Laser rangefinders

## AIRBORNE

Laser rangefinders / Designators



## NAVAL APPLICATIONS

- EOS and radar gun directors
- 60 years experience
- Navys around the globe
- Work with most OEM suppliers
- 3 generations of LRF in use



## NAVAL APPLICATIONS

- Advanced generic laser rangefinder
- Compact, reliable and lightweight design
- Eye-safe 1M
- Long range performance
- Integration with advanced fire control and telemetric systems
- Diode pumped Erbium glass
- Low maintenance (no fans or liquid cooling)
- Running production for multiple customers



**VIDAR LRF**

# VEHICLE APPLICATIONS

ODIN: Baseline variant

ODIPRO: With active receiver protection

- Air and ground targets
- Class 1M system in sight
- Used in CV 90 + 8 international customers
- Easily adaptable for other sights / vehicles
- Used in CV 90



**ODIN / ODIPRO LRF**



# AIRBORNE APPLICATIONS

- Fixed wing and rotary wing
- Range finding
- More than 20 years of experience
- More than 500 on contract or delivered
- Customers can't be disclosed





# AIR DEFENCE APPLICATIONS

- More than 1 000 systems delivered
- 4 different applications
- 3 generations of laser rangefinders





# HILDUR, COMPACT AND CAPABLE LRF

- NEW PRODUCT AVAILABLE DURING 2024
- Class 1M
- Diode pumped Erbium: glass
- PRF up to 6 Hz
- For fast targets and UAV's
- Open frame or sealed version
- Sight integration



**HILDUR**



**For more information pls. contact:  
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