

# Sensors Intelligence

## Emerging Sensor Technologies

Sensor technology is rapidly evolving as developers look to embed information in more and more products. Novel form factors, sensitivity, specificity, and robustness are key traits that can differentiate tomorrow's sensor technology from today's incumbents. From materials to devices, the push to create an Internet of Things, and bring intelligence to systems is driving innovation in sensors. The Lux Research Sensors service works with our clients to track sensor innovation and help them build strategy around it.

The Lux Research Sensors service addresses questions including:

- > What novel materials can improve the performance of sensors?
- > What applications demand more advanced sensors?
- > How can sensors be integrated into flexible or wearable objects?
- > What sensor technologies are relevant across multiple applications?
- > What are emerging companies doing to create better and cheaper sensors?

### Intelligence Access

For more information on how to access the Lux Sensors Intelligence service, contact your Lux Research account manager, or call +1-888-589-7373 or +1-617-502-5300. Send email to [info@luxresearchinc.com](mailto:info@luxresearchinc.com). Visit us on the web at [www.luxresearchinc.com](http://www.luxresearchinc.com).

### Lux Research Difference

The Lux Sensors Intelligence service is unique because it is:

#### Proprietary

Offers exclusive insights from primary interviews and site visits

#### Opinionated

Makes decisive calls about companies and technologies

#### Unbiased

Obtains objective/independent information and delivers impartial analysis

#### Confidential

Allows clients to secure information about innovators without revealing their identities

#### Cost-effective

Costs far less than expensive consultants or a resource-intensive internal team

### Sample Sensors Topics

#### Technologies

- > Environmental sensors
- > Vision sensors
- > Physical sensors
- > Chemical sensors
- > Temperature sensors
- > Electromagnetic sensors
- > Biological sensors
- > Materials for sensors
- > Flexible sensors
- > Wearable sensors
- > Down-hole and reservoir sensors
- > Low-power and wireless sensors
- > Multi-function sensors
- > Air quality sensors
- > Water sensors
- > Agricultural sensors

#### Applications

- > Robotics
- > Agriculture
- > Water
- > Manufacturing
- > Transportation
- > Buildings and construction
- > Healthcare

#### Companies

- > Intermodalics
- > Noviosense
- > Octio
- > SensoGo
- > Biomonitech
- > Velodyne Lidar
- > MiraMEMS
- > SPEC Sensors
- > PST Sensors
- > Quanergy
- > Lumdeyne Technologies
- > Silixa

# Sensors Intelligence

## Research Membership Access

Lux Research members get on-demand access to Lux’s analysts, publications, and data across a set of emerging technology domains customized to their needs. Analysts with deep expertise in each domain provide ongoing market intelligence and technology scouting to help executives find new business opportunities and make better decisions.

## Membership Benefits

### Executive Sessions

Lux Research analysts regularly structure and deliver Executive Sessions – typically half-day to full-day onsite interactive meetings, which are a combination of Lux Research presentations and working sessions – that allow clients to tap more deeply into Lux data, methodologies, and insight.

### Member Site

Lux Research’s ongoing series of Company Profiles, Journals, and Market Reports provide a wealth of information. To access these publications and quickly find the information you need, clients can use Lux Research’s Member Site.

### Market Analysis

Lux Research analysts’ deep understanding of the underlying technologies makes them uniquely qualified to provide insightful market analysis of emerging technology areas. Drawing on extensive primary research for technical and market insight, Lux Research helps clients understand market opportunities through:

- Market Reports
- Analyst Insights
- Data Trackers

### Company Profiles

The core of Lux Research’s Intelligence services are our ongoing briefings – analysts select 50 to 125 leading innovators in each emerging technology field and publish primary-research-driven, opinionated, quantitative profiles of these players. These profiles are delivered to clients in email and available online through the Member Site.

### Analyst Inquiries

In addition to accessing Lux Research’s written research in the form of Company Profiles, Journals, and Market Reports, clients can also contact Lux Research analysts, who will quickly answer custom questions based on their ongoing research into emerging technology areas.

### Visualization Tools

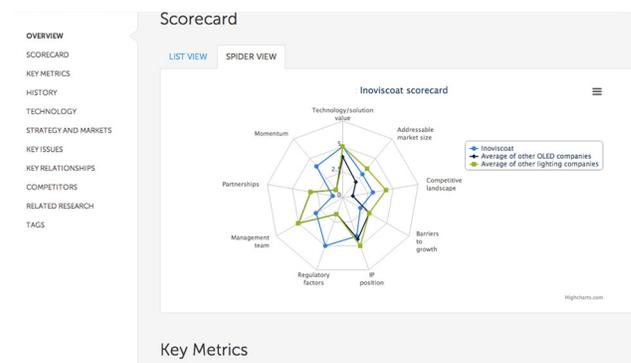
#### Lux Innovation Grids

Lux Research collects information and provides analysis on top innovators in emerging technology areas through company briefings. The Lux Innovation Grid uses data and insights from these profiles to compare companies.



#### Spider Charts

Lux Research uses spider charts to show a technology provider’s scorecard, rating the company on 10 critical success factors, and compares it to other companies in the market in which they participate and the broader area of companies in their technology space.



#### Global Offices

Americas EMEA Asia Pacific

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