

## CES '24 – Media Kit

January '24

## See smarter.™

Seyond is a leading global provider of image-grade LiDAR technology, powering a safer, smarter and more mobile world across the automotive, intelligent transportation, robotics and industrial automation sectors.

Founded in Silicon Valley with strategically placed research and manufacturing facilities across the globe, Seyond is crafting LiDAR solutions that elevate autonomous driving and fuel the advancement of smart infrastructure development.

The company's dynamic portfolio – including ultra-long range flagship LiDAR sensor Falcon, mid-to-short range LiDAR sensor Robin and perception service software platform OmniVidi – powers automotive and ITS solutions for partners like NIO, Faraday Future, Exwayz and Hexagon. Currently, over 200,000 Falcon units are in use, and the product continues to be mass-produced today.

## Seeyond Features Industry-Leading LiDAR Technology at CES 2024

*The company is set to showcase cutting-edge LiDAR solutions for the automotive and ITS industries*

**What:** [Seeyond](#) (formerly Innovusion), a leading global provider of LiDAR solutions, will be attending CES 2024 on January 9-12, 2024 alongside several partners. Present at the company's booth will be a NIO flagship smart electric Sedan, the ET7, equipped with Seeyond's Falcon sensor, as well as a new, fully functional prototype of Wideye's practical and visually seamless integration of LiDAR systems behind vehicle windshields, developed in collaboration with Seeyond. Experts from both Seeyond and their partners will be on-site to discuss the applications of LiDAR across the automotive and ITS industries, from the development of safer, more intelligent autonomous vehicles to the efficiency and accuracy benefits in traffic management and smart city planning.

**Who:** Seeyond and key industry partners, NIO and Wideye

**Seeyond**, a leading provider of image-grade LiDAR solutions, which power safer and smarter innovation across the automotive, intelligent transportation, robotics and industrial automation sectors.

**NIO**, a global smart electric vehicle company responsible for the design and development of smart, high-performance, premium electric vehicles.

**Wideye**, a corporate scale-up of AGC group specializing in cutting-edge glass solutions for optical sensor integration with a focus on ADAS deployment and autonomous vehicle development.

**When:** Tuesday, January 9 - Friday, January 12, 2024

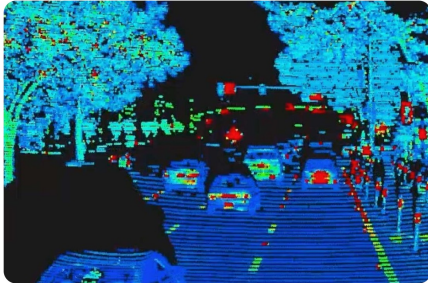
**Where:** Booth #7001, LVCC West Hall, Level 1

# Seeyond at CES '24 | Stop by and Say Hello!

## LVCC - West Hall - Level 1 - #7001

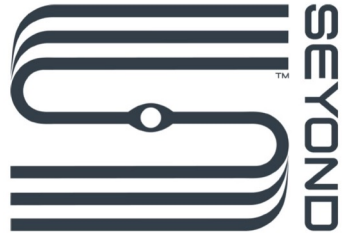


# Seyond in the News



Seyond Features Industry-Leading LiDAR Technology at CES 2024

JAN 8, 2024



Seyond and Wideye by AGC to showcase functional Built-In Windshield LiDAR Solution at CES 2024

DEC 19, 2023



Breaking Boundaries: Innovision Evolves into Seyond

DEC 15, 2023



New Partnership Agreement Between Oversight and Seyond to Accelerate LiDAR Technology's Adoption in the ITS Market

NOV 28, 2023



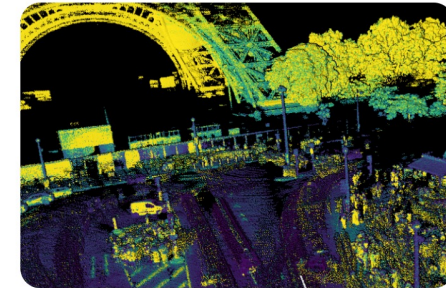
Seyond Delivers 200,000 LiDAR Units, Driving the Industry with Unprecedented Growth

NOV 16, 2023



D2 Traffic Technologies Announces Strategic Partnership with Seyond to Drive Next-Generation Traffic Solutions

NOV 3, 2023



Seyond and Exwayz Join Forces to Bring Advanced LiDAR Technology to Europe

NOV 3, 2023

# Our Products



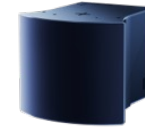
## Falcon K



## Falcon Q



## Robin E



## Robin W

**Falcon K** Ultra-long Range LiDAR

- Ideal for integration into vehicle grille
- Unmatched combination of high resolution and ultra-long detection range
- Proven automotive grade reliability and lifetime, using proven scanning architecture
- Extensive coverage of complex intersections and long stretches of roads, highways and rail

**Key Specifications**

- 3m 3500x200x80(N/A) Detection Range
- 100°x2° FOV(HxV)
- 0.05°/0.1°/0.2° (default) Resolution(HxV)
- 5-30FPS (default) Frame Rate
- 10°/2000m/100mm (default) Scan Lines
- 40°C to 85°C Operating Temperature
- IP67 (Body), IP69K (Window) Water and Dust Protection
- 5500m Class IEC 60820 Laser
- 60mm x 220mm x 100mm Dimensions (WxHxD)
- 17kg Weight
- 30W Power Consumption

**Applications**

ADAS/AD, Smart City, Highways, Railways, Ports, Shipping, Mining, Robotics

**About Seyond**

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3F/4F/5F, Building 5A, Yangtze River Delta International R&D Community, Songjiang Road, Xiangsheng District, Suzhou

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**Falcon Q** Ultra-long Range LiDAR

- Ideal for integration into vehicle grille or front bumper
- Unmatched combination of high resolution and ultra-long detection range
- Automotive grade reliability and lifetime, using proven scanning architecture
- Extensive coverage of complex intersections and long stretches of roads, highways and rail

**Key Specifications**

- 3m 3500x200x80(N/A) Detection Range
- 100°x2° FOV(HxV)
- 0.05°/0.1°/0.2° (default) Resolution(HxV)
- 5-30FPS (default) Frame Rate
- 10°/2000m/100mm (default) Scan Lines
- 40°C to 85°C Operating Temperature
- IP67 (Body), IP69K (Window) Water and Dust Protection
- 5500m Class IEC 60820 Laser
- 60mm x 220mm x 100mm Dimensions (WxHxD)
- 16kg Weight
- 30W Power Consumption

**Applications**

ADAS/AD, Smart City, Highways, Railways, Ports, Shipping, Mining, Robotics

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[Download Brochure](#)

**Robin E** Long Range LiDAR

- Compact size and low power draw which is unpeaked for long range LiDAR
- Automotive grade reliability and lifetime, using proven scanning architecture
- Flexible vehicle integration, behind the windshield, or the headlight, grille, or front bumper

**Key Specifications**

- 0.2m 350x200x80(N/A) Detection Range
- 100°x2° FOV(HxV)
- 0.1°x0.1° Resolution(HxV)
- 10-20FPS (default) Frame Rate
- 100mm Scan Lines
- 40°C to 85°C Operating Temperature
- IP67 (Body), IP69K (Window) Water and Dust Protection
- 9000m Class IEC 60820 Laser
- 60mm x 120mm x 100mm Dimensions (WxHxD)
- 8kg Weight
- 30W Power Consumption

**Applications**

ADAS/AD, Smart City, Highways, Railways, Ports, Shipping, Mining, Robotics

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[Download Brochure](#)

**Robin W** Ultra-wide FOV LiDAR

- Ultra-wide field of view and distance capability from 0.2m to 150m
- Ideal for close-up monitoring of intrusions into the vehicle side
- Automotive grade reliability and lifetime, using proven scanning architecture
- Ideal for wide-angle monitoring of intersections and pedestrian volumes of mid-distance ranges

**Key Specifications**

- 0.1m 1500x200x80(N/A) Detection Range
- 100°x2° FOV(HxV)
- 0.1°x0.1° Resolution(HxV)
- 10-20FPS (default) Frame Rate
- 100mm Scan Lines
- 40°C to 85°C Operating Temperature
- IP67 (Body), IP69K (Window) Water and Dust Protection
- 9000m Class IEC 60820 Laser
- 80mm x 120mm x 100mm Dimensions (WxHxD)
- 7kg Weight
- 30W Power Consumption

**Applications**

ADAS/AD, Smart City, Highways, Railways, Ports, Shipping, Mining, Robotics

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## Co-founders and Leadership



**Junwei Bao, CEO, Co-founder**

Junwei Bao has a PhD in Electrical Engineering from UC Berkeley and has 20+ years of experience with precision instruments and optical sensors. He has managed technology ventures, having led the Autonomous Driving sensors & hardware team at Baidu, and as VP of Engineering at Tokyo Electron.



**Yimin Li, CTO, Co-founder**

Yimin Li has a PhD in Quantum Electronics from Peking University and has 20+ years of experience with electronics, optics and laser technology, including lidar sensors. He was Tech Lead at Velodyne Lidar, and managed tech projects at Baidu, Agilent, AOSense and GE Health.



## Reach Out, We'd Love to Chat

Looking to schedule an interview with our execs, find out more about our company, maybe just need to chat with our PR team?

Sounds great. Please just let us know what you need and how we can help.

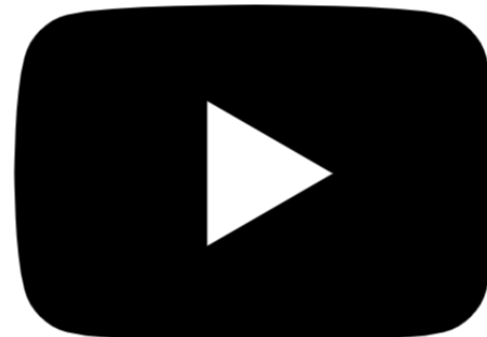
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# SEYOND at CES 2024

Jan 9-12 | LVCC | West Hall | Booth #7001

Let's Meet ▶



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