



Making **A**utonomous Driving
and **I**ntelligent Devices a

Reality

2026 PRODUCT BROCHURE

ABOUT INNOVIZ TECHNOLOGIES

Innoviz Technologies is a leading Tier-1 supplier of advanced, high-performance Light Detection and Ranging (LiDAR) sensors and perception software for autonomous driving and beyond. Innoviz has been developing integrated hardware and Artificial Intelligence (AI)-based perception software for autonomous vehicles and smart applications since 2016. Innoviz intends to become the world's premier large-scale supplier of best-in-class LiDAR solutions.

Innoviz is now developing InnovizThree. It is built on the experience gained from the first-generation InnovizOne – the world's first mass-produced LiDAR for Level 3 (L3) highway driving – and the second-generation InnovizTwo L3 and Level 4 (L4) LiDARs. Our 10 years' experience with the world's most demanding customers and partners enables you to benefit from products that offer outstanding value, performance, maturity, and reliability.

LiDARs for L3 and L4 Autonomous Vehicles



INNOVIZTWO™ AUTOMOTIVE-GRADE LONG-RANGE LiDAR

Now shipping from mass-production line.
SOP in Q3, 2026.



INNOVIZTWO SMR™ AUTOMOTIVE-GRADE SHORT- TO MID-RANGE LiDAR

Now shipping from mass-production line.
SOP in Q3, 2026.



KEY FEATURES

- Resilient to window blockage and adverse weather conditions
- High resolution and frame rate
- No holes in point cloud
- Flexible, pre-configured FOV
- Specially coated window ensures high quality point cloud, despite blockage
- Up to two reflections
- Supports AUTOSAR
- ISO/SAE 21434 Automotive Cybersecurity
- ASIL B(D)

KEY METRICS (PRODUCTION UNITS)

SPECIFICATION	INNOVIZTWO	INNOVIZTWO SMR
Detection Range	1.2-300m	0.2-150m
Maximum Angular Resolution (HxV)	0.05°x0.05°	0.2°x0.3°
Maximum Addressable Field of View (HxV)	120°x43°	110°x70°
Pre-Configured Frame Rate	20FPS (GMSL) 10FPS (Ethernet)	10FPS
Dimensions (HxWxD)	46x145x123.5mm (GMSL) 46x152x123.5mm (Ethernet)	103x144x112mm

ABOUT INNOVIZ AUTOMOTIVE LiDARs

Innoviz's solutions for Society of Automotive Engineers (SAE) L3 and L4 autonomous vehicles have been selected by the world's leading early adopters of innovative automotive technology.

BMW's flagship 7 Series Level 3 luxury passenger cars have been on the road in Germany since March 2024 with the InnovizOne LiDAR and Perception software.

Volkswagen's ID. Buzz AD is a Level 4 autonomous shuttle uses three InnovizTwo long-range and six short- to mid-range (SMR) LiDARs.

Mobileye has included Innoviz long-range and SMR LiDARs in several European shuttles as part of their Mobileye Drive™ L4 ADAS platform.

Daimler Truck selected InnovizTwo SMR LiDARs for their L4 autonomous trucks based their **Torc Robotics** subsidiary's software platform.

Innoviz LiDARs support **NVIDIA** and **Qualcomm** AI compute platforms.



INNOVIZTHREE™ NEXT-GENERATION LOW-PROFILE, AUTOMOTIVE-GRADE LONG-RANGE LiDAR

Start of Production: Q2, 2028

InnovizThree is 60% smaller and lighter than the InnovizTwo long-range LiDARs. Designed for behind-the-windshield or rooftop installation, InnovizThree ensures minimum in-cabin acoustic noise and power consumption in L3 and L4 AVs. Despite its low 34mm height, the LiDAR offers a maximum 120°x 33° addressable FOV, Region of Interest, and high resolution for 300m detection range.

KEY METRICS (PRODUCTION UNITS)

SPECIFICATION	INNOVIZTHREE
Detection Range	1-300m
Maximum Angular Resolution (HxV)	0.05°x0.05°
Maximum Addressable Field of View (HxV)	120°x33°
Pre-Configured Frame Rate	10 or 20FPS
Dimensions (HxWxD)	34x110x110mm

CUSTOMERS AND PARTNERS

Innoviz is proud to be accelerating the adoption of autonomous vehicles and intelligent devices together with these industry leaders.



DAIMLER TRUCK



TORC

fabrinet

mobileye

Qualcomm

NVIDIA

RAMPING UP FOR MASS-PRODUCTION

InnovizTwo LiDARs are manufactured by **Fabrinet**, a leading contract manufacturer of complex products for the automotive industry. Fabrinet's facility passed rigorous audits by several global leading automotive Original Equipment Manufacturers (OEMs) under the German VDA 6.3 automotive standard.

LiDARs FOR SMART APPLICATIONS

Innoviz LiDARs have been selected for a range of industrial, security, and smart city applications, including intelligent transportation systems (ITS), traffic management, perimeter detection, and critical infrastructure. The LiDARs are based on Innoviz's robust, automotive-grade design and are adapted to the requirements of network-based, integrated sensor systems.



INNOVIZSMART™ LONG-RANGE LiDAR FOR SMART APPLICATIONS

Now Shipping

InnovizSMART™ is a high-performance LiDAR sensor with unsurpassed 3D performance for smart applications, such as security, mobility, aerial, robotics, and traffic intelligence. The rugged and reliable LiDAR features low power consumption and is resilient to sunlight and weather conditions. The sensor delivers a dense, highly accurate, 3D point cloud with unrivaled angular resolution for distances up to 450m. Installation is simple and easy over the unit's Gigabit Ethernet interface, which supports power from a Power over Ethernet (PoE++) network switch. The unit can also be powered by a 12V power supply.

INNOVIZSMART SMR™ SHORT- TO-MID-RANGE LiDAR FOR SMART APPLICATIONS

Start of Production: Q2, 2026

InnovizSMART SMR™ is designed for smart applications that require a high vertical Field of View for detection up to 150m. Installation is simple and easy over the unit's Gigabit Ethernet interface, which supports power from a Power over Ethernet (PoE++) network switch. The unit can also be powered by a 12V power supply.

KEY FEATURES

- High resolution
- Single-box solution: Compact and easy to install
- 1000BASE-T Gigabit Ethernet output
- Smooth integration with Windows, Linux, and Arm
- Powered by PoE++ network switch or 12VDC supply
- Optional sunshield
- IP67 ingress protection

KEY METRICS (PRODUCTION UNITS)

SPECIFICATION	INNOVIZSMART Long-Range	INNOVIZSMART Short- to Mid-Range
Detection Range	2-450m	0.2m-150m
Maximum Angular Resolution (HxV)	0.1°x0.05°	0.2°x0.3°
Maximum Addressable Field of View (HxV)	120°x24°	110°x70°
Pre-Configured Frame Rate	10FPS	10FPS
Dimensions (HxWxD)	65x180x173mm (including mounting plate and connectors)	103x176x230mm (including mounting plate and connectors)

