

Vision System's mirrorless rearview systemi in Irizar 's new electric bus

Irizar, a world leader in the manufacture of buses and coaches, selected Vision Systems to equip the 18 meter 100% electric articulated bus (IRIZAR ieTRAM18) presented at Busworld trade show.

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Building on an 80-year expertise in rear vision and on its business unit Safety Tech, dedicated to Advanced Driver Assistance Systems, Vision Systems has developed its newly **R10 R46 approved camera monitoring system** Smart-Vision. Designed by the Safety Tech division, Smart-Vision is an innovative and efficient solution for buses and coaches that replaces the rearview mirrors with high-definition cameras and interior displays, providing **optimized visibility and enhanced ergonomics**. The system operates night and day, in every weather and in any driving environment. Compared with standard rearview mirrors, the interior displays eliminate glare and the automatic adjustment of the screens' brightness ensures excellent visibility in all lighting conditions.

"Vision Systems is very proud to equip Irizar's new generation bus with its solution; it is fully in line with our commitment to drive continuous innovation as a key to value-creating differentiation while responding to safety issues." stated David Le Berre, Managing Director of Safety Tech, Vision Systems.

The Smart-Vision solution **can comprise additional Advanced Driver Assistance Systems** such as the Savety-Front solution, most particularly designed for urban vehicles to **reduce the number of accidents** in town, that detects road users in the frontal blind spots. Another driver assistance system developed by Safety Tech is the Savety-Mirror solution, that provides improved visibility, lane changing assistance, blind spot detection, high-speed and long-distance vehicle detection and monitoring of the vehicle's surrounding.

Smart-Vision does not only offer greater driving comfort and safety, but also allows a **high return on investment**, by significantly cutting fuel consumption thanks to improved aerodynamics, and by reducing insurance and maintenance costs, while maximizing the vehicle's availability.

Headquartered near Lyon, France, with a production and sales unit in Florida, USA, and a trade office in Singapore and Dubai, Vision Systems is a tier-one system supplier in the aeronautic, land transport and marine industries, designing and producing bespoke solutions for specific market segments in complex environments.

Vision Systems' land transport activity offers global solutions for coaches, buses, recreational vehicles, specific vehicles and trains: shading solutions, embedded entertainment systems, driver protection doors and Advanced Driver Assistance Systems. Vision Systems combines complementary skills in electronics, mechanics and composite to provide ever more innovative solutions for improved comfort, costs reduction and heightened safety.