

# **Irizar i6s**

The combination of technology  
and design





## The inspiration for a renewed spirit

Irizar has been a world-leading business group in the passenger transport sector since 1889, whose product catalogue comprises a wide range of integral, hybrid and electric buses and coaches. With the presentation of this new i6, Irizar is now going even further in the spirit of innovation, supported by the most advanced technological solutions and attention to detail that are the hallmarks of the brand.

The Irizar Group consolidates its position in the luxury coach manufacturing world with an expression of the artistic and technological spirit of a brand, focused on spectacular designs, technology and sustainability, at the same time as offering prestige to the new owners and exceptional comfort to the driver, courier and passengers, guaranteeing an unforgettable, stimulating experience.

Irizar service offers you customised solutions designed and created to offer you the best: Finance, Repair & Maintenance contracts and collection of your used vehicle. Enjoy a complete repair service with a fully guaranteed maintenance, 24/7 all year long.

The concept of updating the Irizar i6 was almost inevitable because it was only a matter of time before the Irizar i6 adopted the features of the impressive i8; but it was demanding because the updated i6 also had to reflect the soul of the new models of the brand.

So, the beating heart of this aesthetic revolution is cutting-edge technology that capitalises on the inherent values of the Irizar i6 - quality, robustness and reliability of a model with its own personality.

Design, technology and sustainability are features of the spirit that is conveyed by the brand and that seeks to inspire confidence in those who are the organic elements of a bus: the owners, drivers and passengers. Because our motivation is inspired by people.



## A visual language of its own

The new Irizar i6S is an interpretation of a new phase in the visual language of Irizar coaches.

The design of the front is characterised by new LED headlamps and by the detail of the exclusive trapezoidal integration of the adaptive cruise control system. The lines are more pronounced and aggressive, sculpted on rigid and soft surfaces. Different elements, such as the front fog lamps and the marker lights, are harmoniously integrated. A renewed, strikingly fresh outcome emphasises and adds nuance to the familiar face of the Irizar i6.

The delicate character line along the side communicates a sense of optimisation and high quality.

The quality feel is echoed in improved and modern details and trims. The improvements that the Irizar i6S proudly displays on its back emerge from delicate and modern angular details. Like the i8, its aesthetic concepts are infused with a personal stamp communicating greater attractiveness to the market. The overall effect is an unmistakable Irizar i6S – but stronger and more dynamic.



## Technology. The heartbeat beneath the skin

Challenges demand responses. Irizar technology provides them.

Irizar has responded to challenges arising from traffic conditions and from the need to optimise resources: LED lighting both outside and inside is both effective and economical.

The multiplexed architecture and CAN communication protocol that coordinates all the coach electronics, enables diagnosis and data collection using the OBD connector and provides the systems with a level of intelligence. The AEB-LDW driving-aid systems composed of the touch-screen control and HMI console, from which the entertainment and comfort systems are managed, are also at the cutting edge.

New Irizar i6S also meets challenges for passenger comfort and safety - in other words, creating the experience of a calm and pleasurable journey. The solutions that Irizar has developed seek to enhance passenger satisfaction: exclusive capacitive switches in the diffuser ceiling and innovative air intake systems on the roof and beneath the coach gives increased performance of both driver and passenger air conditioning systems.



## A simple way to drive

At Irizar, the driver is extremely important. The driver's seat is designed for rapid positioning in the most ergonomic posture. Seat and steering wheel positions can be adapted to all drivers. The switch panel is fully multiplexed with new icons and colours for easy identification. Dials and information screens are also positioned ergonomically.

An optional HMI system, exclusive to Irizar, facilitates the handling of all systems through the use of a joystick, buttons for quick access to menus and a 7-inch colour touchscreen to the left of the driver.

The comfort of the driver at the controls of the Irizar i6S is also enhanced by optimal visibility of the rear-view mirrors and controllable air conditioning vents. These features pamper the driver, making the work easier by increasing his/her wellbeing - which means improved safety for all passengers.

A space designed for optimum comfort and functionality.

### **Irizar virtual cockpit**

For 2018, Irizar is introducing the new Irizar virtual cockpit, the virtual dashboard that offers innovative functions both in terms of technology and quality. The high-resolution 12.32" display has a dynamic and intuitive design and presents information in a complete and versatile manner. It allows the driver to interact with the vehicle and to constantly and quickly receive all the information they need for comfortable and safe driving.





## We take care of inner well-being

Providing a sense of well-being at the start of each journey, and ensuring that it lasts till the end, is the foundation of the interior design of the Irizar i6S.

The front of the ceiling has a large 22-inch high-resolution flatscreen monitor, a clock and toilet indicator light. Access is illuminated by LED lights and on brackets and the ceiling making it easy for passengers to enter and exit. It offers "soft touch" capacitive switches and LED reading lights. The ceiling coatings are light grey, to enhance the luminosity of the interior. The overhead luggage compartments are notably spacious and illuminated by a row of LED lights. Like the new bumpers, the air conditioning vents have a trapezoidal design and offer lower openings to increase passenger comfort.

Other facilities and features include: internal height of more than two metres, more space between seats, excellent visibility for driver and passengers, anti-glare electric blinds, integration for catering equipment, enhanced air conditioning performance, larger, higher resolution flat screen fold-down and central monitors...

The new seats round off the renewed aesthetics of this Irizar i6S. Although the visual elegance of the seats is important, concepts such as comfort and functionality have been prioritised.

After a series of prototypes and rigorous testing, they are comfier still. They have wider headrests and impeccable stitching with elegant seams that fit perfectly with the decor of the inside of the vehicle. The end result is a seat that transmits comfort and elegance.

On the side of the seat, there is an aluminium silver strip, the new badge of the brand, which connects the top with an armrest, that can be customized, depending on the selected finish options. All imaginable possibilities work perfectly with this type of seats.

The design of the back of the seat offers a satin finish in a neutral tone with optional lining. Double handles facilitate sitting and standing and are one of the most outstanding features of this new generation of Irizar seat.

Jointly designed with a leading European company in the sector, the seats, in addition to respecting the principles of ergonomics, add three-point seatbelts in their configuration, integrated screens, tables, coat-hooks, handles...



## Safe and reliable

Ensuring as safe a journey as possible is a priority for Irizar vehicles. As with all the other models of the brand, the Irizar i6S complies with the R/66.02 safety regulation and has the most modern systems for active roll-over, to guarantee stability and reduce risks in unforeseen circumstances.

ESC stability control provides active torque checking and optimally distributes braking force to each wheel independently, thus preventing loss of control when manoeuvring abruptly on slippery surfaces. The advanced emergency braking system (AEBS) identifies the need to apply maximum braking force and acts automatically to minimize stopping distance. The lane departure warning system (LDW) detects unintentional departures from the lane in which the vehicle is travelling and alerts the driver by vibrating the seat. Optionally, adaptive cruise

control, ACC, which is useful in heavy traffic, maintains a constant distance from the vehicle in front and is able to stop the vehicle completely.

In the most extreme situations the behaviour of other road users is unpredictable, so it is reassuring to know that, like the rest of brand's coaches, the structure of the Irizar i6S has been designed to offer resistance to roll and head-on collision by optimising weight distribution. Furthermore, the design of the driving position, its spaciousness, ergonomics and accessible controls, is a fundamental safety element.

The new i6S follows the Irizar philosophy. It is a robust but light, quiet and reliable coach.





## Maximum profitability

At Irizar, we know that fuel is a major cost component for operators, so we have made every effort to reduce consumption. The new generation of DAF Euro VI OBD-C engines with reduced internal friction, modified fuel injection system and other refinements, together with the software of the automated 12-speed gearboxes, provides significant reductions in fuel consumption.

The aerodynamic design of the coach is another long-standing brand differentiator. To achieve a lower drag coefficient to i6 has narrower front with less air intake. The spare wheel cowling, reduced weight by using high-tensile steels, and the alloy wheels, all contribute to acknowledgement that the Irizar i6S is the most efficient coach in the luxury sector when it comes to fuel consumption.

With the concept of maximum profitability in mind, we have worked on repair and maintenance costs. Service intervals have been extended, and i6S can

be driven for up to 100,000 kilometres without an oil change. We have also made great strides in reducing the cost of serviceable parts and coachwork.

What's more, we can provide coaches with the most advanced technology for comprehensive monitoring and control of costs and efficiency, to help transport companies optimise the performance and profitability of each fleet.

Other factors that make the decision to purchase the new Irizar i6S the best choice are, among others, a service network that is expanding to offer an authorised workshop near each customer, the high residual value of this coach model that will enable an attractive return on investment and below-average CO2 emission rates.



## Customisation

The new Irizar i6S follows the Irizar philosophy by allowing a high degree of customization. We offer six lengths, three types of WC, new seats with optional side movement, a range of entertainment systems, new interior fabrics in countless colours and finishes. In short, a model that can be tailored to any needs, with a great adaptability that enables the customer to fully customise the coach. Just as they need it.





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