



**Irizar i4**

The power of versatility

 **Irizar**

## The best coach for intercity services

Irizar is 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.

Irizar service offers you customised solutions, designed and created to offer you the best: Irizar Finance, Repair & Maintenance contracts and advantageous conditions for trading in your used vehicle are included in the wide range of services. The availability of a fully guaranteed comprehensive repair, tune-up and maintenance service 24 hours a day and 365 days a year is still a feature that sets us apart.

Irizar's versatility also extends to urban and intercity spaces and makes them the ideal environment for the Irizar i4 to showcase its features and personality. The result is a vehicle that is at home in the city, ideal as a metropolitan, commuter, school or business transport coach.

It is now also available in a class II hybrid version with luggage compartment.



## Innovation in motion

The different versions of this vehicle place an emphasis on accessibility. The doors, which come in a number of options, enable lifts to be installed that facilitate access for persons with reduced mobility. The floors, which can be flat or lowered, and the unobstructed aisles underline the concept of adaptability.

The coach maintains all the standards of quality, comfort, reliability and safety that define the entire Irizar range, and complies with the R/66.01-02 regulations.



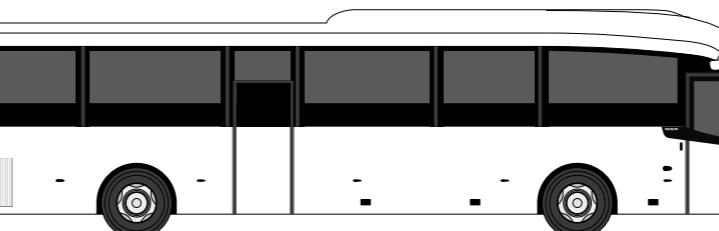
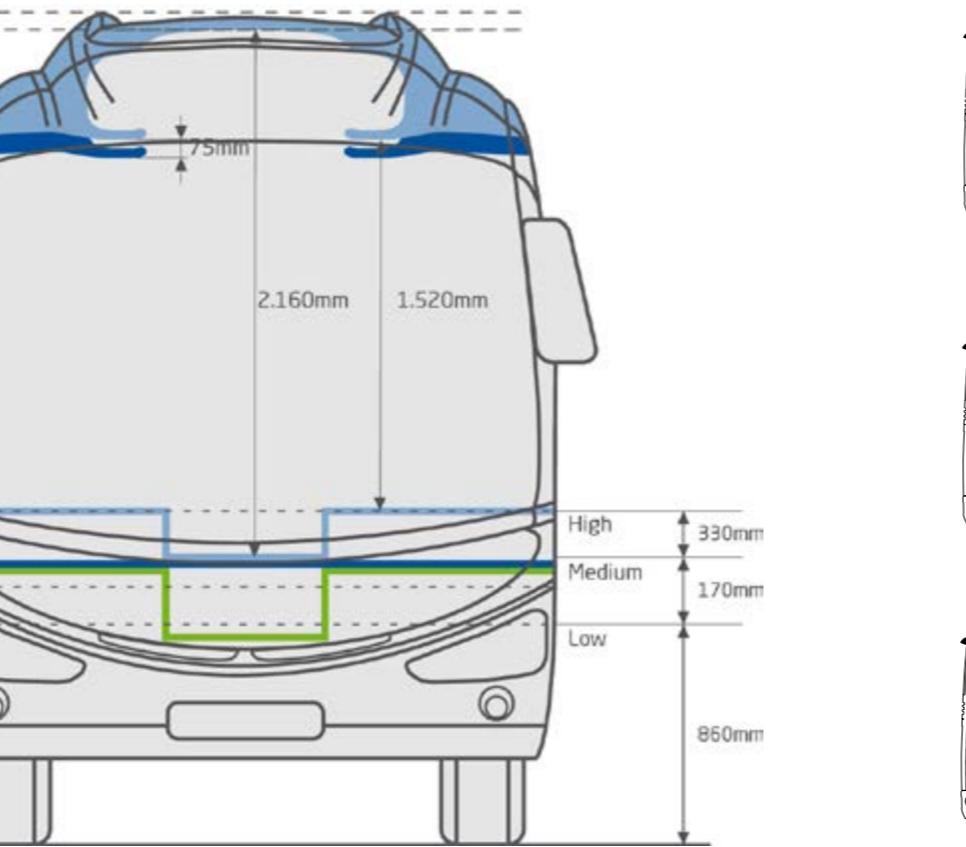
## Maximum adaptability

Its high degree of adaptability to the needs of customers and users is the main defining feature of the Irizar i4.

Available in different lengths, ranging from 9.4 m to 15 m, and with a range of finishes and floor heights, the different versions of the Irizar i4 aim to meet the specific requirements of operators and passengers.

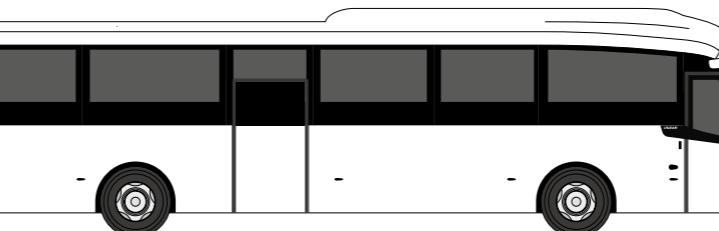
### H Version

- Central aisle.
- Interior finish, designed for medium-distance routes. Includes luggage racks with air outlets and individual reading lights.
- Puerta central de una hoja con dos versiones: puerta central de anchura estándar y puerta central extra ancha que permite la instalación de elevador para PMR, tipo cassette.
- Mayor capacidad de maletero con opción de tapas manuales o neumáticas.



Single door (900mm)

Available for H, M and L versions



Wide single door (1,100mm)

Available for H, M and L versions



Double door (1,400mm)

Available for H, M and L versions



## M Version

- Flat floor without an aisle or steps which can be adapted to different configurations for persons with reduced mobility, both in the front and the rear.
- Interior finish including luggage racks with air outlets and individual reading lights.
- Single-leaf central door with two different versions: standard width central door and extra-wide central door that enables a cassette lift to be installed for persons with reduced mobility.
- Luggage compartment with the option of manual or pneumatic doors.

## L Version

- Designed for short-distance routes with frequent stops.
- Lowered floor for better accessibility.
- Optional luggage racks.
- Double central door for easy access. Cassette lift for persons with reduced mobility.
- Luggage compartment with the option of manual or pneumatic doors.
- Closed driver's area prepared for all types of equipment and compartments for payment and ticketing functions.
- Stop request buttons.





## Safety is paramount

Avoiding problems on the road is a priority for every Irizar vehicle. Like the brand's other models, the Irizar i4 complies with the R/66.02 safety regulations and is equipped with the most advanced active safety systems in order to ensure stability and minimise risk in unforeseen circumstances.

IESC 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 minimise stopping distance. The

lane departure warning system, LDW, detects unintentional departures from the lane the vehicle is travelling in 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 the brand's coaches, the structure of the Irizar i4 has been designed to offer resistance to rollover and head-on collision by optimising weight distribution.



## Maximum profitability

At Irizar we know that fuel is the 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 6-speed automatic transmission (option of 12-speed automated transmission), provides significant reductions in fuel consumption.

The aerodynamic design of the unit is another thing that sets the brand apart. With a lower coefficient of air friction due to a narrower front with less air intake, the spare wheel cowling, reduced weight by using high-tensile steels, and the alloy wheels, all contribute to the fact that the Irizar i4 is the most efficient coach in the luxury sector when it comes to fuel consumption.

Another factor that affects maximum profitability are repair and maintenance costs. Service intervals have been extended, and the i4 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. Moreover, we can equip coaches with the most advanced technology for comprehensive monitoring and control of costs and efficiency, which helps transport companies to optimise the performance and profitability of each fleet.

And of course, the service network continues to expand and offers an Irizar-authorised workshop within range of every operator. Our priorities include ensuring that the Irizar i4 maintains a high residual value, so that our clients receive an attractive return on investment, and to minimise CO<sub>2</sub> emissions. Deciding to buy the Irizar i4 is, without doubt, choosing to get great value.



## Class II hybrid coaches Irizar's new technological solution

Irizar is now going even further in the spirit of innovation and has taken a step forward in its numerous and diverse technological innovations by incorporating hybrid technology into its coach catalogue.

The hybridisation technology developed by Irizar is parallel hybrid technology. It combines a diesel or HVO (biodiesel) propulsion engine with an electric motor that, depending on the requirements, can power the vehicle at the same time or separately, achieving optimum efficiency and performance.

The Irizar i4 hybrid, available in versions from 10.7 m up to 13 m with two axles, is a commuter and suburban coach for short-distance or school transport. The 13-metre version with a PRM platform and space has 53 seats (double central passenger door) or 55 seats (wide central door). It also has a luggage compartment

that is large enough to provide adequate service on commuter lines. The 15-metre version also has a PRM platform and a 65-seat capacity with a single wide central passenger door or a double door and at least one PRM space.

The Irizar i4 hybrid has become the first regional vehicle with class II hybrid technology for medium and short distance lines: H, M and L high floor with luggage compartment.

The hybrid coaches developed by Irizar reduce fuel consumption by 20%. With a reduction in CO<sub>2</sub> emissions of around 157 gr/km compared to conventional buses and coaches with combustion engines, it prevents the emission of approximately 2.5 tonnes of CO<sub>2</sub> during its entire service life (estimated at 100,000 km/year for 15 years).





Zumarraga bidea, 8  
20216 Ormaiztegi (Gipuzkoa) | Spain  
T +34 943 80 91 00 | F +34 943 88 91 01  
[irizar@irizar.com](mailto:irizar@irizar.com) | [www.irizar.com](http://www.irizar.com)