

Technical Specifications

Irizar i4

The power of
versatility



FOR A
BETTER
LIFE

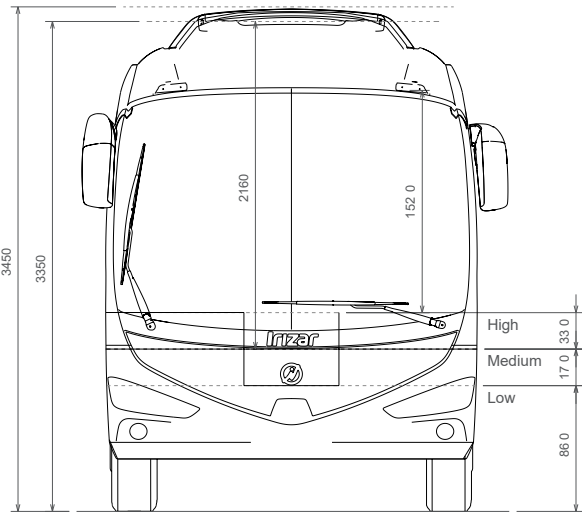
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THE POWER OF VERSATILITY

The Irizar i4 is an ideal vehicle for urban, commuter, school or private hire. The different floor heights available (H, M, L) are designed to maximise accessibility. A choice of single- and double-door configurations allows accessibility lifts to be installed, facilitating access for passenger with reduced mobility. Flat or lowered floors and unobstructed aisles further enhance the vehicle's adaptability.

In addition to the integral vehicle, it's available with a wide range of chassis options. It is compatible with diesel, biodiesel, HVO and gas.



Configure the Irizar i4 to meet your requirements:

Irizar i4



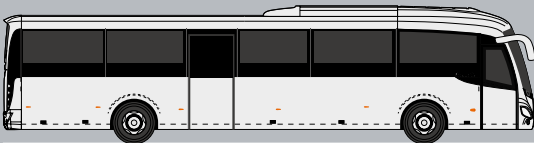
10.8 metres
2 axles



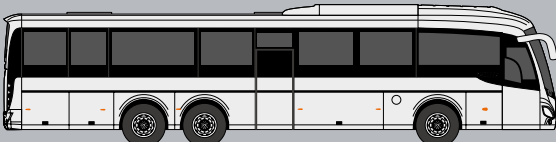
12.20 metres
2 axles



12.90 metres
2 axles



13.20 metres
2 axles



13.60 metres
3 axles



14.90 metres
3 axles

** Configurations may vary depending on the country and chassis manufacturer.*

	Dimensions
Length	From 10.8 (2 axles) to 14.9 m (3 axles)
Height	3.40 m
Width	2,550 mm



DRIVER-FOCUSED DESIGN

New Cockpit

The new generation features an improved cockpit with a new steering wheel, updated controls and a redesigned digital dashboard,including and optional night-driving mode.

The cockpit and its functions have been designed to maximise comfort and ergonomics. The instruments and navigation displays are positioned for maximum visibility and intuitive operation. The multifunction HMI screen, located on the central console, provides access to cameras, GPS, audio and video, media, telephone, climate control and vehicle diagnosis.

All of that is integrated in to a spacious, adaptable cockpit that provides an exceptional field of view. You can choose the option of heated rearview mirrors or to install digital cameras and screens, which provide the best visibility under all climate conditions.



Greater efficiency and vision

The Irizar i4 has the option of replacing the rearview mirrors with digital cameras to lower aerodynamic resistance and maximise driver visibility under any climate conditions, even at night or in the rain. The driving position that is further forward also contributes to better visibility and more comfort while driving.

You can choose the option of heated rearview mirrors or to install the new cameras and screens, which automatically adapt the amount of light and provide the best visibility under all climate conditions.

DRIVER AND GUIDE	
Driver's seat trimmed in moquette	
Leather driver's seat	optional
Driver's seat armrest	optional
Heated driver seat	optional
Cooling driver seat	optional
Guide seat	optional
Multifunction steering wheel	
Ticket machine base	optional
Wireless microphone for guide	optional
Driver flex-lamp	optional
Guide flex-lamp	optional
Electrically operated windscreen blinds	optional
Tyre pressure and temperature sensor	optional
Safe beneath driver's seat	
Camera mirror system	optional
Camera mirror recording system	optional
Predictive cruise control	optional
Alcolock	optional
USB socket in the driver's seat	



AND A UNIQUE EXPERIENCE
FOR PASSENGERS

The spacious passenger cabin, optimised layout and carefully designed seat ergonomics, combined with reduced noise and vibration levels, provide an exceptional travel experience.



PASSENGER AREA	
Wide centre door (1,100mm)	optional
Double centre door (1400 mm)	optional
Single centre door (900mm)	optional
Podester across from central footboard	optional
Luggage compartment	
RMP lift	optional
Folding seats in the RMP area	optional
Rails and anchors for RMP	optional
Driver compartment	optional
Individual reading light and air vent	optional
Carpet in driver's area, aisle and rear	optional
Curtains	
Floor with metallic-effect finish	optional
Carpet	optional
i4 seats in moquette	
i4 seats with synthetic leather headrests.	
i4 seats with leather headrests	optional
SitSafe seat	optional
2-point seat belts	
3-point seat belts	optional
Reclining seats	
Folding armrest, magazine rack, footrest, table	optional
Side handrails	optional



ELECTRICITY AND ELECTRONICS	
22-inch front monitor	optional
Multiplexed system	
BOSCH Smart Series audio-visual system	optional
15-inch second monitor	optional
Central camera	
Digital clock	
Parking sensors	optional
Rear camera	
Interior and exterior LED lighting	
Front, side and rear destination signs	optional
Wi-Fi	optional
Remote control opening and alarm	
Stop requested signal	optional

HEATING AND VENTILATION SYSTEM	
Air conditioning: Dual-zone air-conditioning unit	
Heating system	
Artica climate control unit	optional
Programmable Pre-heater	optional

OTHERS	
Front LED headlights	
Double glazing	optional
Dark-tint privacy glazing	optional
Trailer tow-bar preparation	optional
Ski-box mounting system	optional
Pneumatic luggage compartment covers	optional



MAXIMUM ACCESSIBILITY POINTS

Passenger accessibility and spaciousness are key considerations in the design of the Irizar i4, as a result, the i4 incorporates a range of innovations designed to maximise passenger comfort and accessibility.

The doors, with different single and double door options, enable lifts to be installed to facilitate access for passengers with reduced mobility. The floors, which can be flat or lowered, and the unobstructed aisles further enhance the vehicle’s adaptability.

Centre door options

Single centre door, width = 900 mm
PRM lift not available

Centre door, width = 1100 mm
PRM lift available

Double centre door, width = 1400 mm
PRM lift not available



PROPULSION SYSTEMS

New generation of integral Irizar chassis
Weight reduction of up to 200 kg and 5% of additional consumption

Compatible with diesel, biodiesel and HVO

	MX11 270	MX11 300	MX11 330
Cylinder configuration	6-cylinder inline	6-cylinder inline	6-cylinder inline
Displacement	10.8 l	10.8 l	10.8 l
Valves	24V	24V	24V
Power supply	Common Rail	Common Rail	Common Rail
	Variable-geometry turbocharger	Variable-geometry turbocharger	Variable-geometry turbocharger
Maximum power	270 kW	300 kW	330 kW
	367 Hp	408 Hp	449 Hp
	(1600 rpm)	(1600 rpm)	(1600 rpm)
Maximum torque	1950 Nm	2150 Nm	2350 Nm
	(900-1,125 rpm)	(900-1,125 rpm)	(900-1,125 rpm)
Emissions standard	EURO 6-E	EURO 6-E	EURO 6-E

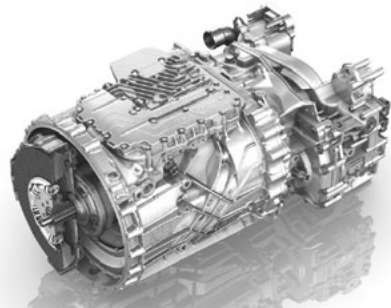


Six-speed automatic transmission with torque converter.

Capable of transmitting torques of up to 2,800 Nm.

Integrated Power Intarder with three braking stages.

Advanced electronic control software for optimised fuel consumption.

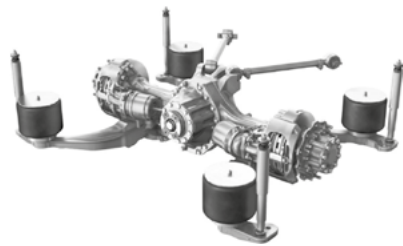


Fully automated 12-speed manual transmission.

Capable of transmitting torques of up to 2,800 Nm.

Integrated Power Intarder with three braking stages.

Advanced electronic control software for optimised fuel consumption.



RL82EC front axle and A133 rear axle. For three-axle configurations, RL82EC third steering axle. Independent front and third axle suspension.

Electronically-controlled air suspension (ECAS) to achieve optimum stability and comfort.

Braking system equipped with ABS, ASR, ESC and BFD... electronically controlled by EBS.



Let’s talk about cybersecurity

We work continuously to stay ahead of the evolving cybersecurity challenges facing our vehicles. We comply with the R155 and R156 European regulations for cybersecurity management systems and vehicle software updates. This helps ensure that systems operate as intended while mitigating emerging security risks.

We are firmly committed to protecting the confidentiality and integrity of information.

+ Front collision warning

Warns of an impending forward collision, giving the driver enough time to react.

+ Safety distance monitoring

Safe-distance monitoring warns the driver if they are driving at an unsafe distance from the vehicle ahead.

+ Pedestrian collision warning

Daytime warning system with visual alerts of an impending collision with a cyclist or pedestrian.

LEADING THE WAY IN SAFETY

We meet the highest safety standards under the latest GSR2 regulatory framework, including cameras and radar, to help protect you and your passengers



MOIS

System that detects the presence of pedestrians and cyclists in the vehicle’s front blind spot and alerts the driver.



BSIS

System that detects other vehicles beside and behind the coach near-side of the coach.



DDAW

Driver fatigue detection system



ADDW

Driver distraction detection system



ISA

System that uses a speed limit sign recognition camera and speed limit data linked to the GPS to notify the driver about the current speed limit and warn them if they are speeding.



ReIS

Camera and sensor technology that detects objects or people behind the vehicle when reversing.



TPMS

System for monitoring tyre pressure and temperature.



AEBS

Advanced emergency braking system that helps minimize the risk of a collision or limit its consequences.



LDWS

Lane departure warning system.



Alcohol Interlock Installation Facilitation

Alcohol start-up interlock.



Emergency Braking Signal

System for activating the emergency lights when emergency braking is detected

Additional safety systems

- + EBS (ABS, ASR, ESC, BFD)
- + AHBC
- + ECAS
- + ACC



LOWER CONSUMPTION AND EMISSIONS

At Irizar, we aim to play a leading role in the sustainable mobility of the future. Our focus is on decarbonisation, the electrification of urban transport and reducing vehicle energy consumption and emissions. We believe the future will be multi-technology, and we are ready for it.

Our new Efficient range focuses on maximising efficiency through weight reduction and improved aerodynamics. Furthermore, the power on demand technology also contributes to the reduction.

Minimum R&M cost

Thanks to smart technology we have increased the life of the components and we have extended the service intervals as much as possible. Easy access to the engine compartment and components also reduces repair and maintenance costs.

We provide genuine Irizar spare parts, helping to maintain the safety and performance of your vehicles. Using the right parts helps maintain the engine's quality, performance and fuel efficiency. And, all of that comes with fast delivery times, total availability and the Irizar guarantee.

ALWAYS BY YOUR SIDE OUR SERVICES

Vehicle reliability and availability

Our coaches undergo rigorous reliability testing as part of the design process. They are currently operating across five continents in extreme conditions.

They use robust, reliable and proven technology and components to reduce down-time and increase availability and use.

They are also designed to facilitate maintenance and diagnostics.



Personalised support and advice.
Integral vehicle



Turnkey projects and services that meet operator needs.



Repair and maintenance contracts.

We provide a complete range of services that makes it possible to keep the coaches in optimal condition, improve performance, minimise emissions and lower operating costs.

- Extensive service network and a team of experienced Field Service Engineers.

- Training programmes designed to maintain the highest standards of safety, repair and maintenance.

- iService platform, including catalogue, e-shop, Help Desk and order tracking, for service management. Information about the repair and maintenance status.

- 24/7, 365 days a year. Integral vehicle.

- Extended warranty options.

- Fast access to Genuine Irizar spare parts at competitive prices.

- Fleet management solutions tailored to each customer's specific requirements. This enables comprehensive monitoring of operating costs and driving efficiency.

- Comprehensive electronic management and monitoring solutions for predictive maintenance. The Operational data is then used to analyse, predict and schedule vehicle maintenance and ensure maximum uptime.

- Eco-driving training to help drivers operate more efficiently and safely, providing significant benefits in terms of increased activity time, improved safety and reduced operating costs.

THE GOAL ENJOY THE TRIP



