The Third-gen Automotive Revolution

Pioneer of Autonomous Driving Moving Space

Moving Space

The Urban Organism

Futuristic and eye-pleasing exterior design, based on sleek and harmonious aesthetics

Comfortable and safe mobility experience, with human-oriented interior details

High-performance Drive-by-Wire Chassis

Automotive grade Drive-by-Wire unit. Reliable, stable four-wheel steering customizable, and easy to use

For Multiple Scenarios

Adjustable configuration and technical solutions for different scenarios

Safety Redundancy

Putting safety as the priority, to offer comfort and diverse activities in the mobility experience

Cloud Platform

Online vehicle management with 30+ services including data monitoring, firmware upgrade

Bi-Directional Design

Symmetrical circular headlights around the front and rear, with simple cozy interiors to bring brand new experience

Smart Mobility

Mobility is made easier with the in-car intelligent interaction system, real-time route monitor, and one-click hail service

L4 Auto-Driving

Driving safety in various scenarios is made possible by full-stack sensors.

Moving Space

Modular Mounting Brackets for Sensors

Suitable for most sensors in the market

Panoramic Glass Sunroof

Indulge in open views

Massive Curved Acrylic Window

Front and rear windshields feature large-angle curved plexiglass with an anti-scratch film, ensuring durability and visual clarity.

Symmetrical Circular Lights Stack

Electric Sliding Door

Automatic opening and closing for intelligent interaction

Moving Space

“Your Space”

Step into the future of mobility with home-like interiors that offer an immersive life experience on wheels.

Standard Configuration

- Reading Lights
- Interactive Screen
- Massive Display Screen
- Seat Belts
- Safety Hammer
- Music Display

Optional

- Ambient Lighting

Jégo Moving Space

Basic Parameters

Type of Chassis Platform

Distributed Drive-by-Wire Chassis Platform

Top Speed

30KM/h

Maximum Load

1890KG

Passengers Allowed

6 People

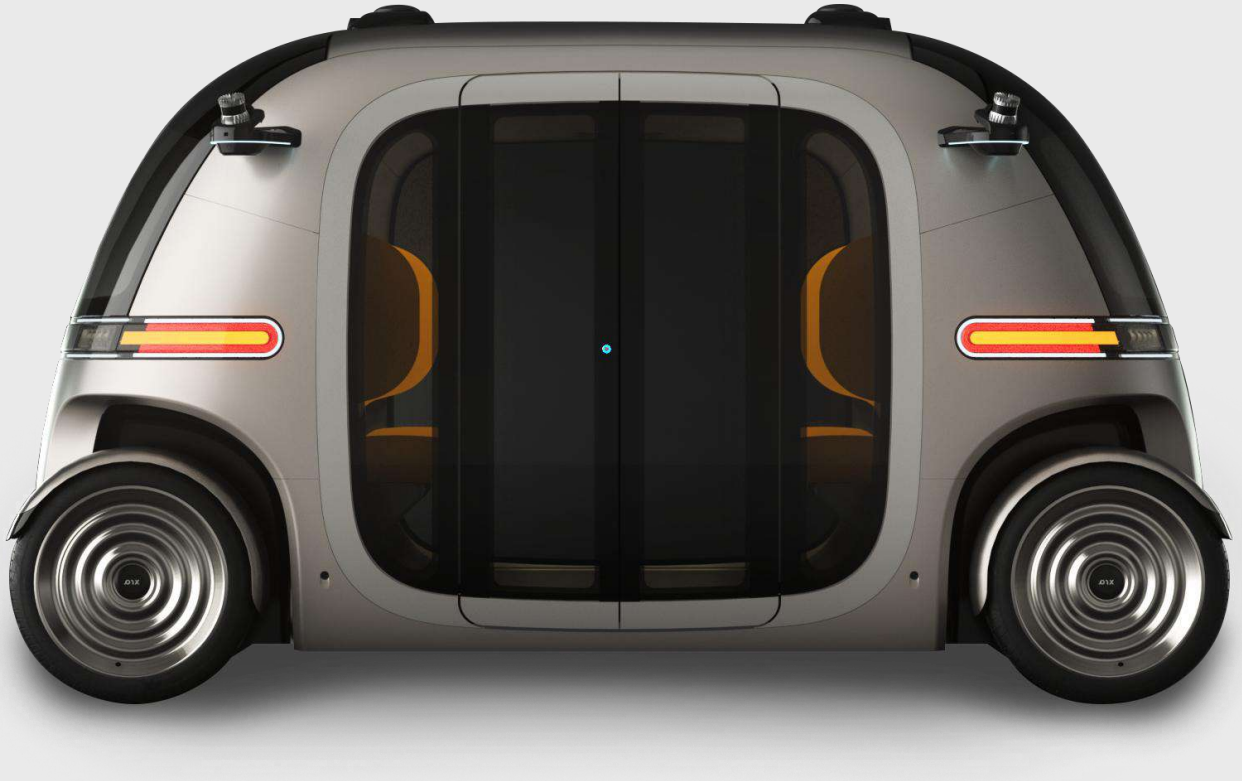
Maximum Gradeability

20%

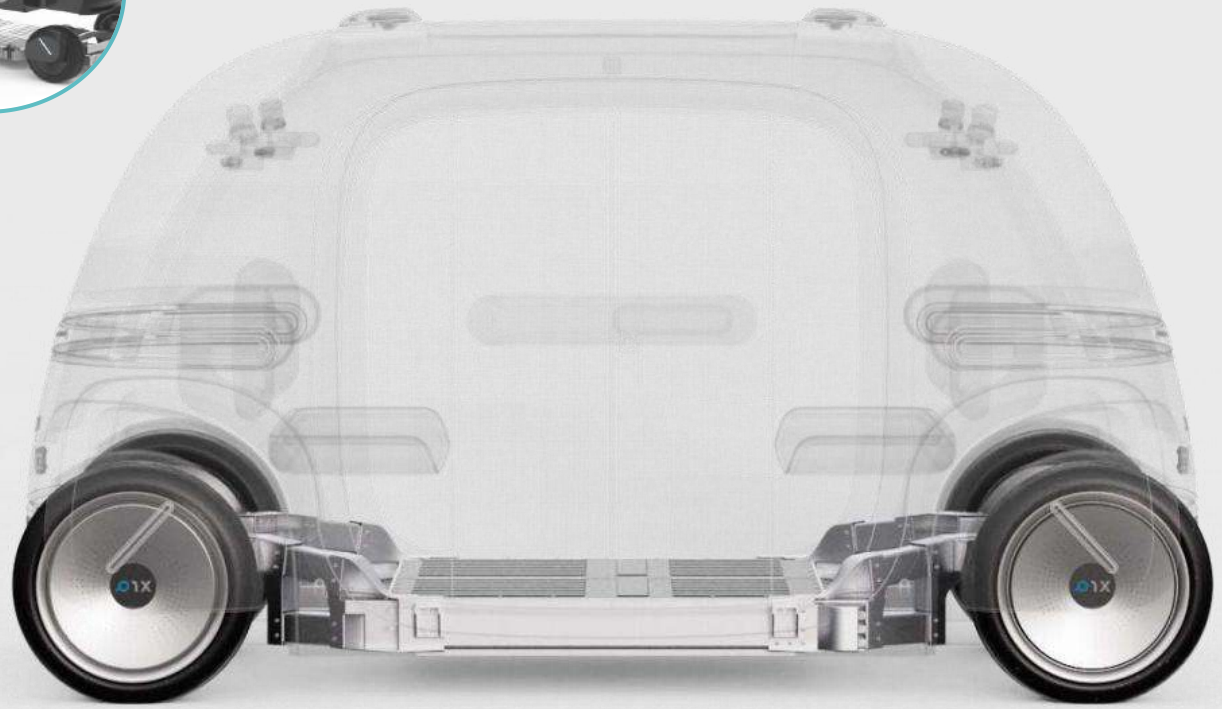
20%

Driving Range

70KM-100KM

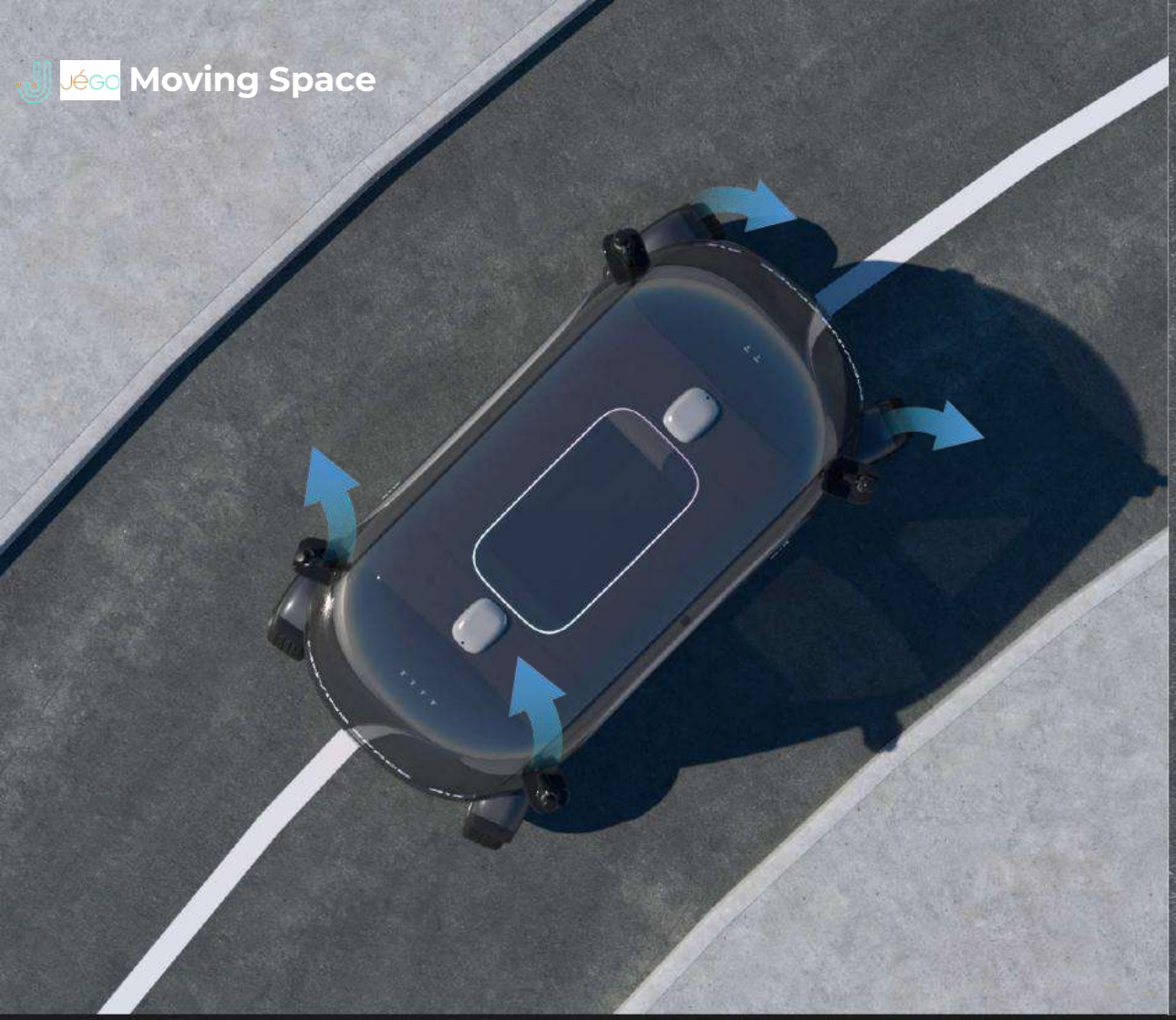


Length-Width-Height	3820×1862×2268mm
Wheelbase	3020mm
Wheel Tread(Front/Rear)	1620/1620mm
Curb Weight	1890kg
Maximum Load	510kg
Minimum Gound Clearance	140mm
Minimum Turning Radius	4.5m
Suspension Form	Independent Double-wishbone Suspension



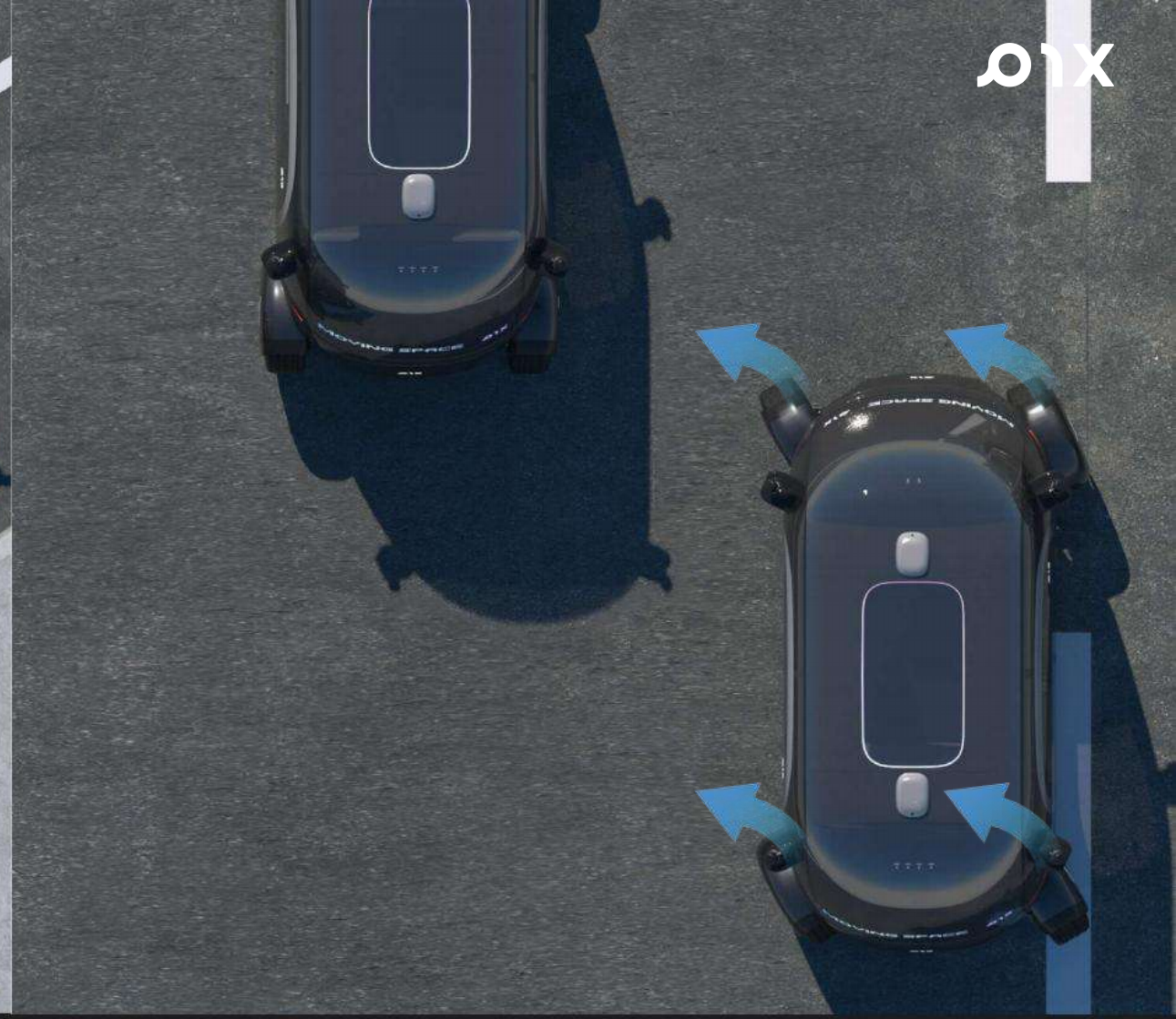
PIX Ultra- Skateboard

Driving Range	100km
Max. Gradeability	20%
Body Structure	Separate Frame Construction Body
Power Battery Type	307V Lithium Iron Phosphate
Battery Capacity	31.3 kw· h
Brake System Type	Hydraulic Brake+Electronic Brake
Drive Mode	Four-wheel Distributed (Independent) Drive
Drive Motor	Permanent Magnet Motor
Fast/Slow Charging Time	0.5h/6h(20%-80%)



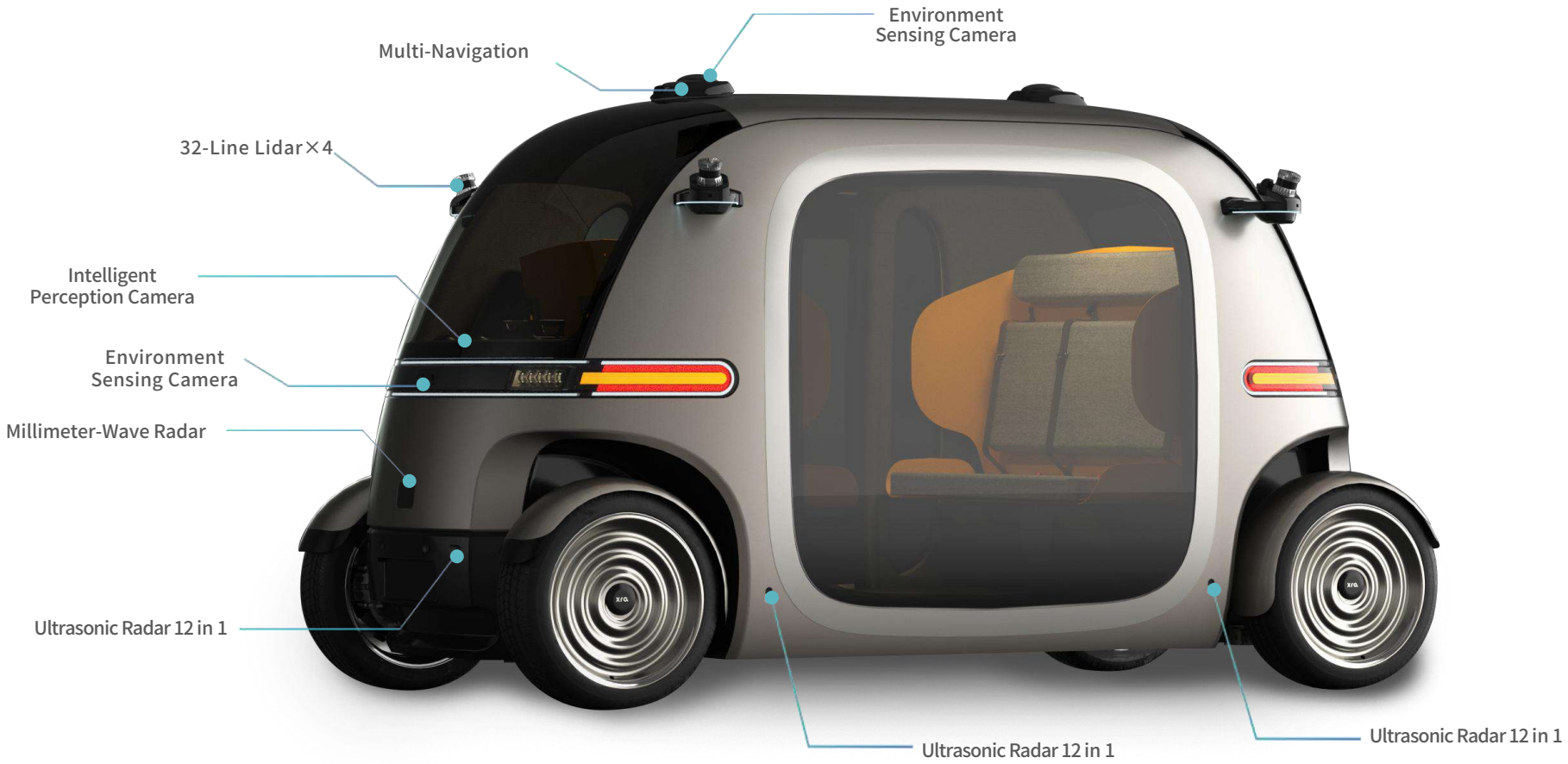
4-wheel differential steering to navigate through narrow roads

Minimum Turning Radius 4.5m



4-wheel synchronized steering for better parking experience

Parallel Steering


Environment
Sensing Camera
Multi-Navigation
32-Line Lidar×4
Intelligent
Perception Camera
Environment
Sensing Camera
Millimeter-Wave Radar
Ultrasonic Radar 12 in 1
Ultrasonic Radar 12 in 1
Ultrasonic Radar 12 in 1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Environment Perception Sensor (Function Introduction)

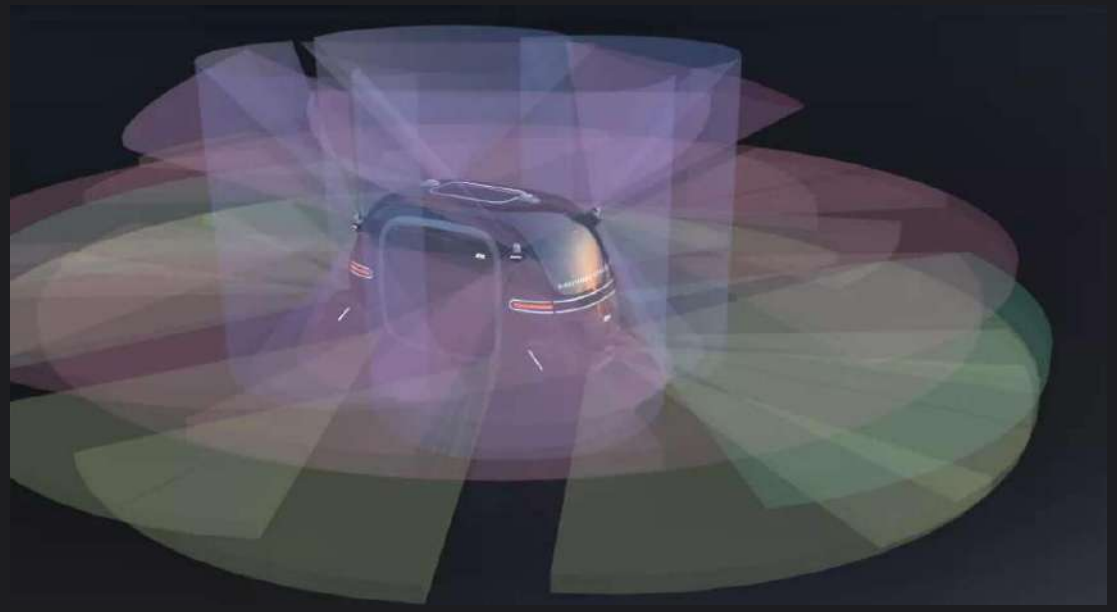
The sensors resemble human eyes and ears, comprehending the surrounding environment through algorithmic processing of computing units derived from data fusion of cameras, lidars, millimeter-wave radars, and ultrasonic radars.

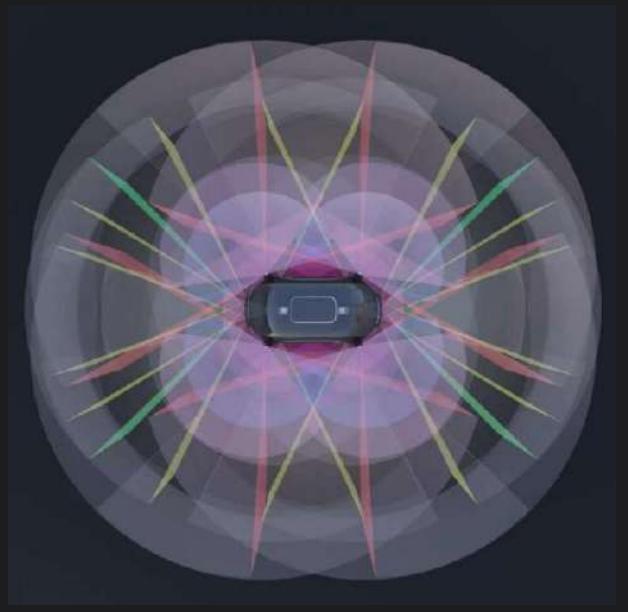
Cameras: Used for detecting and recognizing lane lines, traffic lights, vehicles, pedestrians, road markings, and traffic signs.

Lidars: Employed for perceiving obstacles such as vehicles and pedestrians, as well as mapping and high-precision position fixing.

Millimeter-Wave Radar: Primarily used for detecting traffic vehicles, with the advantages of long detection distance and high data update rate.

Ultrasonic Radar: Mainly used for short-distance obstacle detection around the vehicle and for close-range impairment compensation for other sensors, particularly in parking scenarios.





Multi-level Safety Redundancy

Multiple Anti-risk Capabilities to Ensure Safety during Operation

Safety redundancy is crucial for maintaining operation, mainly including multiple reliability redundancy designs such as the auto-driving system, network service, monitoring system, industrial computer, sensor, wiring harness, mechanical structural function, VCU, CAN network, battery pack, etc.

Reliability redundancy design module for auto-driving system

- Positioning module
- GNSS+RTK+IMU+Lidar
- Sensing modular lidar
- Camera(environment detecting & monitoring)
- Ultrasonic radar
- Mm-wave radar
- Planning module
- Global path planning
- Local path planning
- Prediction
- Behavior Prediction
- Forward Collision Warning System(FCW)
- Lane Departure Warning(LDW)
- Vulnerable Road Users(VRU)
- Headway Monitoring Warning(HMW)
- Speed Limited Indication(SLI)

Chassis Platform System

- Vehicle-Level Double Braking System(EHB+EPB)
- VCU Chassis Fault Classification Warning
- High-Strength Steel Frame
- Virtual Steering Wheel Angular Velocity Control (with rotation accuracy 1°)
- Four 1024-wire High-precision Permanent Magnet Synchronous Motors
- Layered CAN Communication Architecture, More Reliable Data Transmission

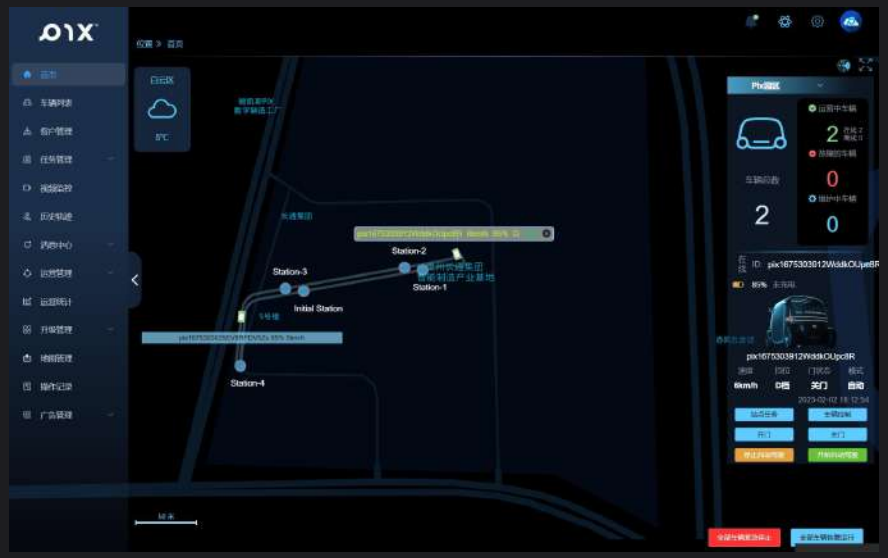
Cloud Dispatching System

- Real-time Video Surveillance
- Emergency Takeover
- Emergency Communication

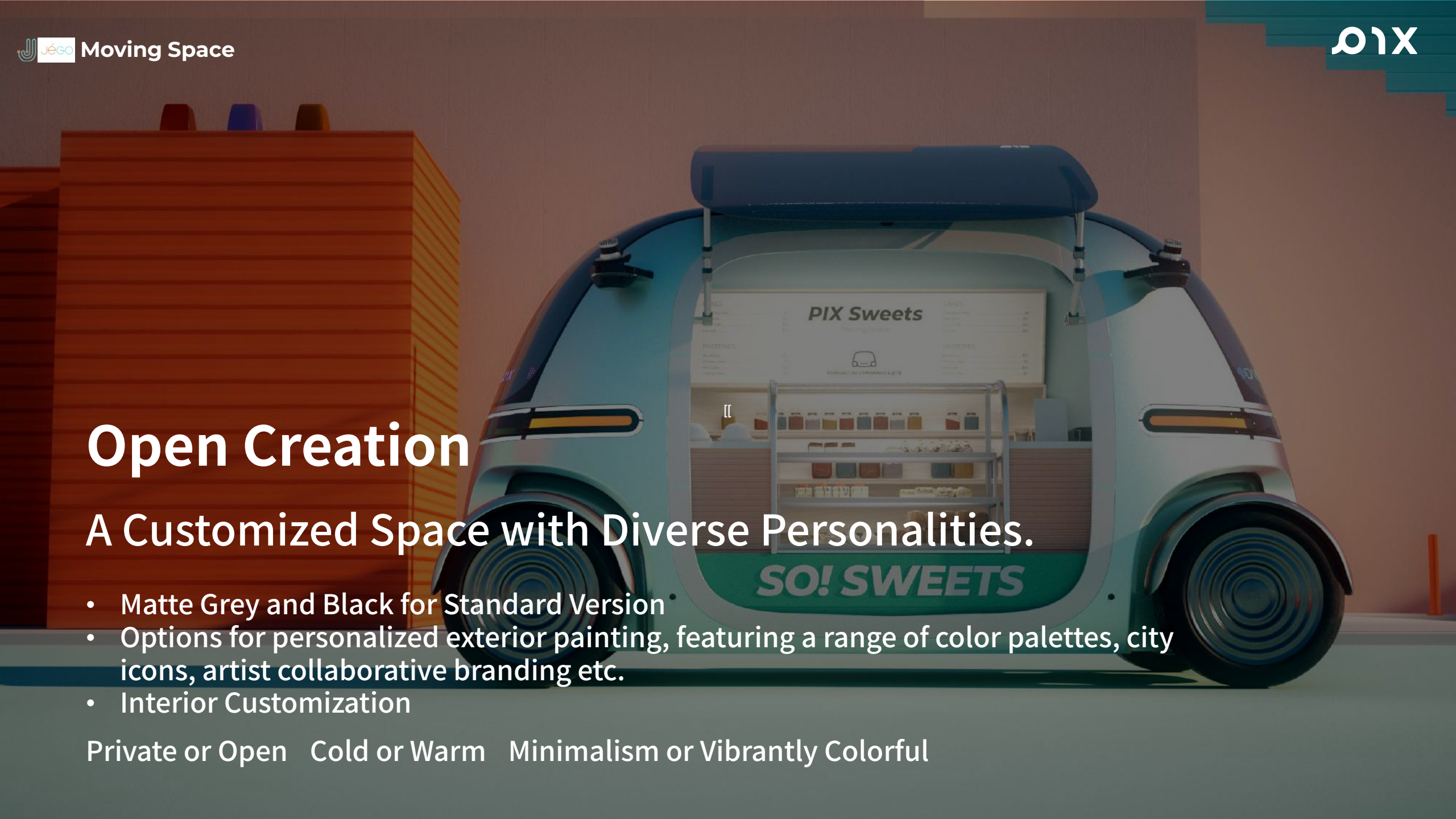
Cloud Schedule System

Data Monitoring & Human Surveillance

The data monitoring module is in charge of transmitting, recording, and storing video streams and chassis platform data generated by vehicle cameras and a CAN-bus recorder in real-time. It also has a one-key alarm device for instant alerts. These critical data can be analyzed further and used to provide valuable insights for improving customer operations. The customer retains complete control over all information, ensuring the highest level of security and confidentiality for their data.



Robobus can also be equipped with certified safety operators. In cases of policy defects, system failures, rule violations, or instances of human-caused operational failures, these safety operators will manually intervene to address abnormal and extreme situations, thereby providing an additional safety guarantee.



Open Creation

A Customized Space with Diverse Personalities.

- Matte Grey and Black for Standard Version
- Options for personalized exterior painting, featuring a range of color palettes, city icons, artist collaborative branding etc.
- Interior Customization

Private or Open Cold or Warm Minimalism or Vibrantly Colorful

Conclusion

JéGO is poised to revolutionize the mobility and clean energy landscape with a visionary approach that leverages Self-driving technology, sustainability, and seamless customer experiences.

JÉGO

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