Z5 Series - RoboVan

The Z5 is a next-generation L4 Autonomous RoboVan delivered by Super X AI for industrial and logistics operations in Thailand.
Combining Zelostech's proven autonomous driving technology with Super X AI's local deployment and support capabilities, the Z5 enables safe, efficient, and scalable transportation across factories, warehouses, distribution centres, and industrial environments.
From site analysis and system integration to deployment, fleet management, and after-sales support, Super X AI provides a complete end-to-end autonomous logistics solution designed to improve operational efficiency, reduce logistics costs, and support continuous business operations.

Applications

- Retail Replenishment
- Warehouse Transfer
- Intralogistics
- Inter-Warehouse Logistics
- Bonded Goods Transfer
- Beverage Distribution
- Hotel Service Delivery
- Auto Parts Delivery
- Production Line Delivery

DESIGN AWARD 2026

reddot



6.2 m³
Cargo Volume

1800 kg
Payload Capacity

230 km
Maximum Range
Standard Battery Capacity

Z5

Logistics RoboVan

Product Specifications

Vehicle Model	Z5 Logistics RoboVan (Wheel-arch layout)
Dimensions (mm)	3705 × 1493 × 2000
Cargo Interior Dimensions (mm)	3341 × 1356 × 1384
Minimum Ground Clearance (mm)	150
Maximum Wading Depth (mm)	255
Minimum Turning Radius (m)	4.8
Maximum Climbing Gradient	20%(11.3°)
Maximum Speed (km/h)	40
Operating Temperature (°C)	-30 to 60
IP Rating	IP55
Maximum Range (km)	230
Payload (kg)	1800
Cargo Volume (m^3)	6.2
Vehicle Body Color	Starlight White / Glacier Blue
Locking System	Automotive-Grade Smart Electric Lock
Power Battery Type	Lithium Iron Phosphate
Battery Capacity (kWh)	40.8
Fast charging time (30%-80% SOC)	30min
Slow charging time (30%-80% SOC)	3.3h [1]

* 1: Measured using the supplied 32 A portable EV charger.

Super X Ai reserves the final right of interpretation for product models, specifications, and manual content.

Z5 Series - RoboVan

The Z5 Plus is a next-generation Autonomous RoboVan designed for palletized logistics and industrial transportation.
Powered by Zelostech's L4 autonomous driving technology and supported by Super X AI's local deployment and integration capabilities, it enables efficient pallet transfer, faster loading and unloading, and reliable high-frequency logistics operations.
Designed for factories, warehouses, distribution centres, and mid-mile transportation, the Z5 Plus helps improve material flow, reduce manual handling, and increase overall logistics efficiency.

Applications

- Retail Replenishment
- Warehouse Transfer
- Intralogistics
- Inter-Warehouse Logistics
- Bonded Goods Transfer
- Beverage Distribution
- Hotel Service Delivery
- Auto Parts Delivery
- Production Line Delivery



6.4 m^3
Cargo Volume

1760 kg
Payload Capacity

230 km
Maximum Range
Standard Battery Capacity

Z5

Plus Logistics RoboVan

Product Specifications

Vehicle Model	Z5 Plus Logistics RoboVan (Flat-floor layout)
Dimensions (mm)	3705 × 1493 × 2300
Cargo Interior Dimensions (mm)	3341 × 1356 × 1423
Minimum Ground Clearance (mm)	150
Maximum Wading Depth (mm)	255
Minimum Turning Radius (m)	4.8
Maximum Climbing Gradient	20%(11.3°)
Maximum Speed (km/h)	40
Operating Temperature (°C)	-30 to 60
IP Rating	IP55
Maximum Range (km)	230
Payload (kg)	1760
Cargo Volume (m^3)	6.4
Vehicle Body Color	Starlight White / Glacier Blue
Locking System	Automotive-Grade Smart Electric Lock
Power Battery Type	Lithium Iron Phosphate
Battery Capacity (kWh)	40.8
Fast charging time (30%-80% SOC)	30min
Slow charging time (30%-80% SOC)	3.3h [1]

* 1: Measured using the supplied 32 A portable EV charger.

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Z5 Series - Cold-Chain RoboVan

The Z5 Cold-Chain is an autonomous refrigerated RoboVan designed for temperature-controlled logistics.
Powered by Zelostech's L4 autonomous driving technology and supported by Super X AI's local deployment and integration capabilities, it provides reliable cold-chain transportation for food, pharmaceuticals, groceries, and other temperature-sensitive goods.
With dual-zone refrigeration from −20°C to 12°C, intelligent fleet management, and autonomous cargo operations, the Z5 Cold-Chain helps improve delivery reliability, reduce manual handling, and increase cold-chain logistics efficiency.

Applications

- Fresh Food Distribution
- Grocery and Food Delivery
- Dairy Delivery
- Frozen Goods Distribution
- Pharmaceutical Cold-Chain
- Temperature-Controlled Retail



4.6 m³
Cargo Volume

1555 kg
Payload Capacity

−20~12 °C
Refrigeration Temperature Range

180 km
Maximum Range
Standard Battery Capacity

Z5

Cold-Chain RoboVan

Product Specifications

Vehicle Model	Z5 Cold-Chain RoboVan
Dimensions (mm)	3727 × 1493 × 2195
Cargo Interior Dimensions (mm)	3231 × 1303 × 1103
Minimum Ground Clearance (mm)	150
Maximum Wading Depth (mm)	255
Minimum Turning Radius (m)	4.8
Maximum Climbing Gradient	20%(11.3°)
Maximum Speed (km/h)	40
Operating Temperature (°C)	-30 to 60
IP Rating	IP55
Maximum Range (km)	180
Payload (kg)	1555
Cargo Volume (m^3)	4.6
Vehicle Body Color	Starlight White / Glacier Blue
Locking System	Mechanical Rod Lock
Power Battery Type	Lithium Iron Phosphate
Battery Capacity (kWh)	40.8
Fast charging time (30%-80% SOC)	30min
Slow charging time (30%-80% SOC)	3.3h [1]
Peak Refrigeration Power (W)	1800
Refrigeration Temperature Range (°C)	-20 to 12
Refrigeration Control Method	APP Control

* 1: Measured using the supplied 32 A portable EV charger.

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Z5 Series – Multi-Locker RoboVan

The Z5 Multi-Locker is an autonomous delivery RoboVan designed for high-volume parcel distribution.
Equipped with 274 compartments in multiple sizes,
it supports efficient multi-stop deliveries and automated customer pickup.
Powered by Zelostech's L4 autonomous driving technology
and supported by Super X AI's local deployment capabilities,
the Z5 Multi-Locker helps reduce last-mile delivery workload,
ease labor shortages, and improve delivery efficiency during peak demand.

Applications

- Parcel Delivery
- Community Parcel Delivery
- Campus Delivery
- Rural Last-Mile Delivery
- Pharmaceutical Delivery
- High-Value Goods Transport
- Mobile Retail



274
Compartments

200 km
Maximum Range
Standard Battery Capacity

18.4 kWh
Battery Capacity
Optional Configuration:
High-Capacity Battery

Z5

Multi-Locker RoboVan

Product Specifications

Vehicle Model	Supports Long and Short Range Multi-Locker RoboVan
Dimensions (mm)	3700 × 1400 × 2290
Number of Compartments (units)	274
Minimum Ground Clearance (mm)	150
Maximum Wading Depth (mm)	255
Minimum Turning Radius (m)	4.6
Maximum Climbing Gradient	20%(11.3°)
Maximum Speed (km/h)	40
Operating Temperature (°C)	-30 to 60
IP Rating	IP55
Maximum Range (km)	200/280 (Standard/High Capacity Battery)
Payload (kg)	1000
Vehicle Body Color	Starlight White / Glacier Blue
Power Battery Type	Lithium Iron Phosphate
Battery Capacity (kWh)	18.4/28.3 (Standard/High Capacity Battery)
Charging Time (30%~80%)	2.2/3.4h[1]

* 1: Measured using the supplied 32 A portable EV charger.

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Z10 Series – RoboVan

The Z10 is a high-capacity Autonomous RoboVan designed for heavy-duty logistics and large-volume transportation.
Powered by Zelostech's L4 autonomous driving technology and supported by Super X AI's local deployment and integration capabilities, it delivers reliable performance for demanding logistics operations.
Designed for warehouse transfers, regional distribution, bulk material movement, and high-volume supply chains, the Z10 helps businesses move more cargo efficiently while improving operational consistency and reducing manual workload.

Applications

- Retail Replenishment
- Warehouse Transfer
- Beverage Distribution
- Intralogistics
- Postal Delivery
- Auto Parts Delivery
- Hotel Service Delivery
- Pharmaceutical Delivery
- Bonded Goods Transfer
- Airport Ground Logistics
- Inter-warehouse Logistics



12.5 m³
Cargo Volume

2500 kg
Payload Capacity

250 km
Maximum Range
Standard Battery Capacity

Z10
Freight RoboVan

Product Specifications

Vehicle Model	Z10 Freight RoboVan
Dimensions (mm)	4319 × 1905 × 2808
Cargo Interior Dimensions (mm)	3831 × 1745 × 1870
Minimum Ground Clearance (mm)	171
Maximum Wading Depth (mm)	380
Minimum Turning Radius (m)	5.6
Maximum Climbing Gradient	20% (11.3°)
Maximum Speed (km/h)	40
Operating Temperature (°C)	-30 to 60
IP Rating	IP55
Maximum Range (km)	250
Payload (kg)	2500
Cargo Volume (m^3)	12.5
Vehicle Body Color	Starlight White / Glacier Blue
Locking System	Mechanical Rod Lock
Power Battery Type	Lithium Iron Phosphate
Battery Capacity (kWh)	55.9
DC Fast Charging Time (30%~80%)	0.6h
AC Charging Time (30%~80%)	5.5h [1]

* 1: Measured using the supplied 32 A portable EV charger.

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Z10 Series – Cold-Chain RoboVan

The Z10 Cold-Chain is a high-capacity autonomous refrigerated RoboVan designed for large-scale temperature-controlled logistics. Powered by Zelostech's L4 autonomous driving technology and supported by Super X AI's local deployment and integration capabilities, it provides reliable cold-chain transportation for demanding logistics operations. With dual-zone refrigeration from –20°C to 12°C, the Z10 Cold-Chain supports fresh food, pharmaceuticals, groceries, and other temperature-sensitive cargo while helping businesses improve delivery efficiency and scale cold-chain operations with confidence.

Applications

- Fresh Food Distribution
- Frozen Goods Distribution
- Grocery and Food Delivery
- Pharmaceutical Cold-Chain
- Dairy Delivery
- Temperature-Controlled Retail



10.2 m³
Cargo Volume

2200 kg
Payload Capacity

–20~12 °C
Refrigeration Temperature Range

180 km
Maximum Range
Standard Battery Capacity

Z10

Cold-Chain RoboVan

Product Specifications

Vehicle Model	Z10 Cold-Chain RoboVan
Dimensions (mm)	4318 × 1905 × 2808
Cargo Interior Dimensions (mm)	3714 × 1613 × 1709
Minimum Ground Clearance (mm)	171
Maximum Wading Depth (mm)	380
Minimum Turning Radius (m)	5.6
Maximum Climbing Gradient	20% (11.3°)
Maximum Speed (km/h)	40
Operating Temperature (°C)	-30 to 60
IP Rating	IP55
Maximum Range (km)	180
Payload (kg)	2200
Cargo Volume (m^3)	10.2
Vehicle Body Color	Starlight White / Glacier Blue
Locking System	Mechanical Rod Lock
Power Battery Type	Lithium Iron Phosphate
Battery Capacity (kWh)	55.9
DC Fast Charging Time (30%~80%)	0.6h
AC Charging Time (30%~80%)	5.5h [1]
Refrigeration Unit Power (kW)	2.5
Refrigeration Temperature Range (°C)	-20 to 12
Refrigeration Control Method	APP Control

* 1: Measured using the supplied 32 A portable EV charger.

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Z20 Series – RoboVan

The Z20 is a high-capacity Autonomous RoboVan designed for large-scale logistics operations in ports, logistics hubs, bonded zones, and industrial facilities. Powered by Zelostech's autonomous driving technology and supported by Super X AI's local deployment and integration capabilities, it is built to transport oversized and palletized cargo efficiently. With a large cargo compartment, heavy-duty payload capacity, and forklift-compatible loading, the Z20 helps businesses move more goods, improve operational efficiency, and support continuous high-volume logistics operations.

Applications

- Port Logistics
- Airport Ground Logistics
- Warehouse Transfer
- Inter-warehouse Logistics
- Bonded Goods Transfer
- Industrial Park Logistics
- Cross-Dock Transfer



20 m³
Cargo Volume

4000 kg
Payload Capacity

180 km
Full-load Range

Z20
RoboVan

Product Specifications

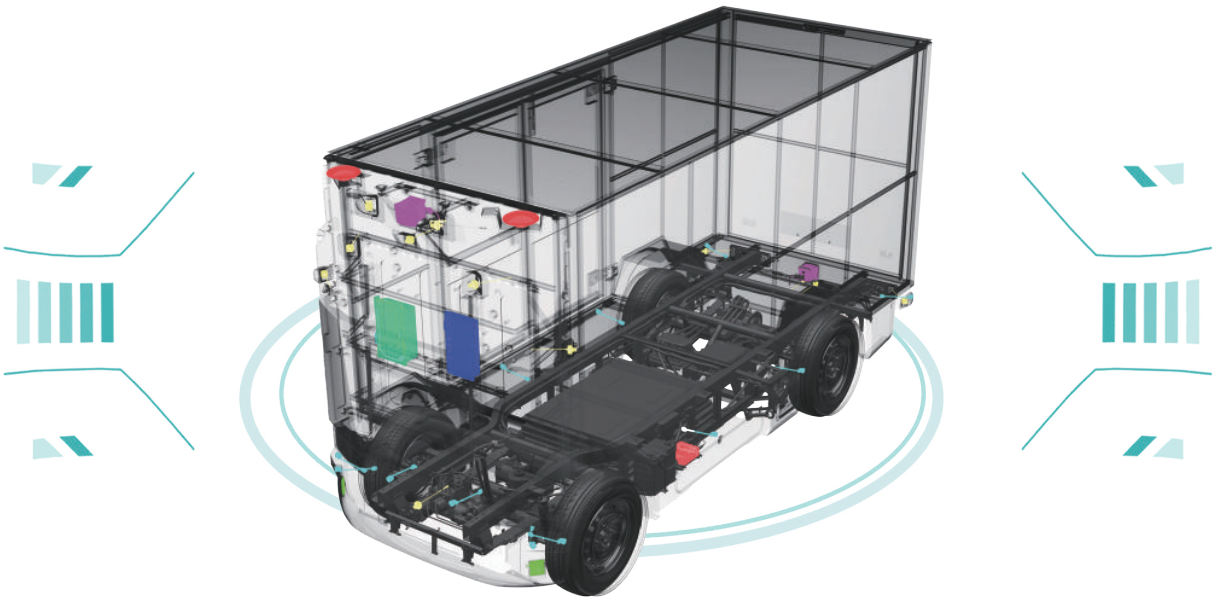
Vehicle Model	Z20 RoboVan
Dimensions (mm)	4750 × 2450 × 2950
Cargo Interior Dimensions (mm)	4200 × 2300 × 2000
Cargo Volume (m^3)	20
Door Opening Dimensions	Side Door: 2030*1880 Rear Door: 2210*1920
Cargo Floor Height from Ground(mm)	955 (unloaded)
Maximum Design Gross Mass (kg)	6950
Payload (kg)	4000
Battery Capacity (kWh)	77.28
Voltage Platform	400V Platform
Full-load Range (km)	180
DC Fast Charging (0%-100%)	Approx. 70 min
Maximum Climbing Gradient	15% (8.5°)
Maximum Wading Depth (mm)	300

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L4 Autonomous Driving Suite Solution

The L4 Autonomous Driving Suite is an integrated hardware and software solution that includes computing platforms, sensor systems, L4 autonomous driving software, vehicle management platforms, and mobile applications. It can be rapidly deployed on drive-by-wire vehicle chassis to enable highly automated driving.

Built for urban delivery, long-distance transport, and logistics operations within enclosed parks, the suite supports reliable, scalable autonomous operations in real-world environments.



Autonomous Driving Suite

Ultrasonic Radar *12

High-Definition Camera *12

Millimeter-Wave Radar *2

Semi-Solid-State LiDAR *2

Dual Orin Computing Units 500+ TOPS

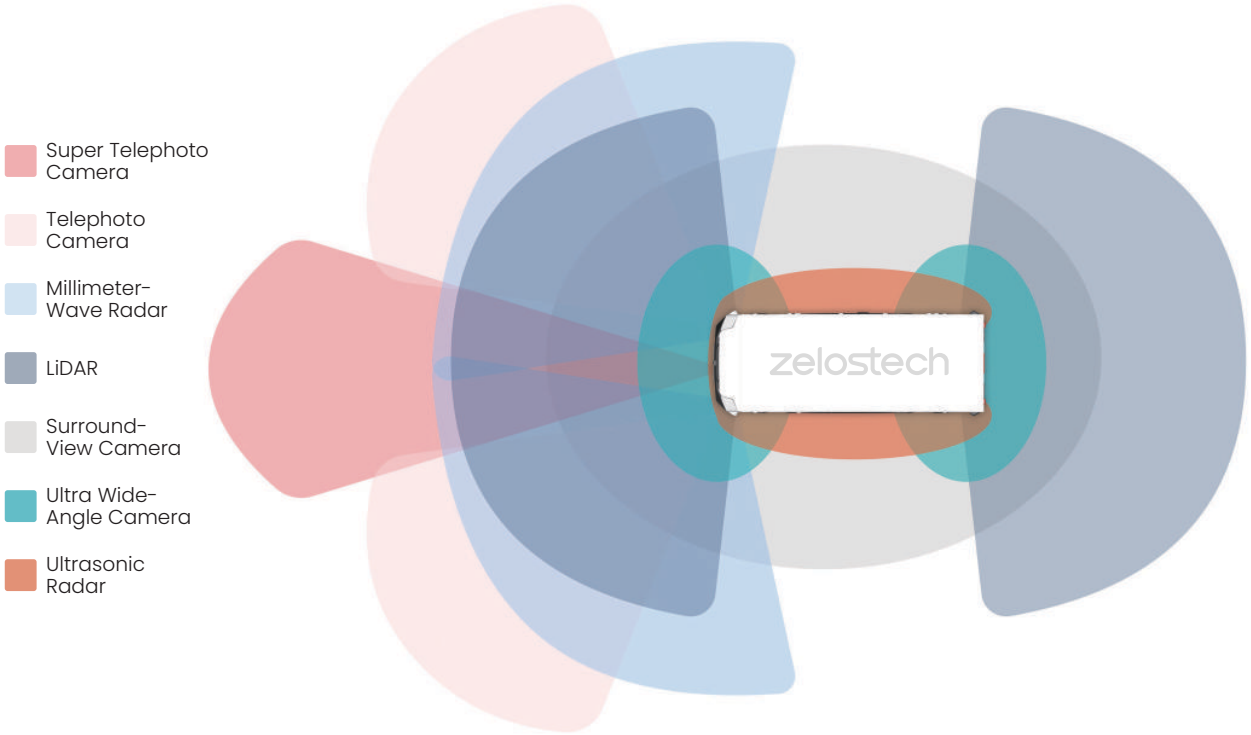
T-box Communication Module

RTK Integrated Inertial Navigation

Autonomous Driving Suite Solutions

Applications

- Urban delivery
- Private Campuses
- Long-distance transport
- Cold-chain logistics
- Emergency Response
- Agricultural Transport



Multi-Sensor Perception
Supports multiple sensor inputs, including semi-solid-state LiDAR, vision cameras, GNSS, and millimeter-wave radar.

Multi-Scenario Support
Designed to maintain reliable detection performance across rain, snow, fog, and nighttime environments.

Detection Range
Maximum detection range exceeds 100 meters, providing sufficient distance for perception and decision-making.

360° Perception
Provides 360° coverage, eliminating blind spots around the vehicle.

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Eight core service guarantees with full vehicle lifecycle management

- Extended Warranty
- Free On-Site Vehicle Delivery
- High-Value Guarantee
- Vehicle Model Customization
- Free Vehicle-End Network Service
- Custom Paintwork
- Replacement Service
- Free Maintenance

Intuitive, responsive operation designed around the user experience



Dedicated Mobile App

- Supports cash-on-delivery and electronic signature confirmation
- Enables point-to-point delivery and reverse collection workflows
- Provides SMS, voice, and other notification options
- Offers fully visualized, real-time vehicle status and operation tracking
- Supports remote vehicle takeover via a mobile app



On-Site Team Training

Free vehicle delivery
- Door-to-door delivery with face-to-face handover

One-stop training
- On-site guidance with one-on-one teaching
- Customized for user needs, enabling real cost savings and increased efficiency



Professional After-Sales Operation and Maintenance

- **After-sales operation and maintenance**
- After-sales support and maintenance

- **Local rescue & maintenance**
- On-site service