DRIVO ROBOTICS // STEALTH DEVELOPMENT

DRV-2X
Investor Deck

Autonomous Mobility & Urban Logistics Solutions.
A heavy-payload, road-legal L7e micro-EV engineered for last-mile delivery.

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450 kg payload - 12 temperature-controlled smart lockers

NVIDIA Jetson AGX Orin (275 TOPS) - Baidu Apollo - ROS 2

48V CAN-bus architecture - Solid-state 3D LiDAR perception

65% lower per-delivery operational cost

// THE OPPORTUNITY

Last-mile delivery is the most expensive, least efficient leg of logistics. Sidewalk bots cannot carry meaningful payload and are confined to pedestrian paths. DRV-2X is a road-legal L7e autonomous quadricycle that slots directly into existing B2B fleets.

// KEY SPECIFICATIONS

Payload	450 kg
Smart Lockers	12 independently temperature-controlled bays
Homologation	L7e road-legal heavy quadricycle
Compute	NVIDIA Jetson AGX Orin - 275 TOPS
Autonomy	Baidu Apollo stack on ROS 2 middleware
Perception	360 solid-state 3D LiDAR + sonar fusion
Electrical	48V CAN-bus automotive architecture

// DRV-2X VS. TRADITIONAL SIDEWALK BOTS

Payload	450 kg	15 kg
Road status	L7e legal (roads/bus lanes)	Walkways only
Lockers	12 heated/chilled	Single compartment
Compute	Jetson AGX Orin 275 TOPS	Low-power SoC

// STRATEGIC ALIBABA SOURCING ARCHITECTURE

DRV-2X optimises its Bill of Materials through the Alibaba.com verified B2B supplier ecosystem:

- High-density LiFePO4 battery cells & smart BMS (CAN 2.0B)
- Automotive-grade solid-state 3D LiDAR & sonar sensors
- Heavy-duty 48V electric hub actuators & CAN-bus controllers

// PILOT PROGRAM & ROADMAP

Phase 1 - Q4 2026

Bench testing & ROS 2 / Baidu Apollo software simulation integration.

Phase 2 - Q2 2027

Prototype assembly with verified Alibaba B2B components.

Phase 3 - Q4 2027

European urban last-mile logistics pilot program deployment.

Partner with Drivo Robotics

drivorobotics@gmail.com - B2B Logistics Pilots - Supply Chain Partnerships