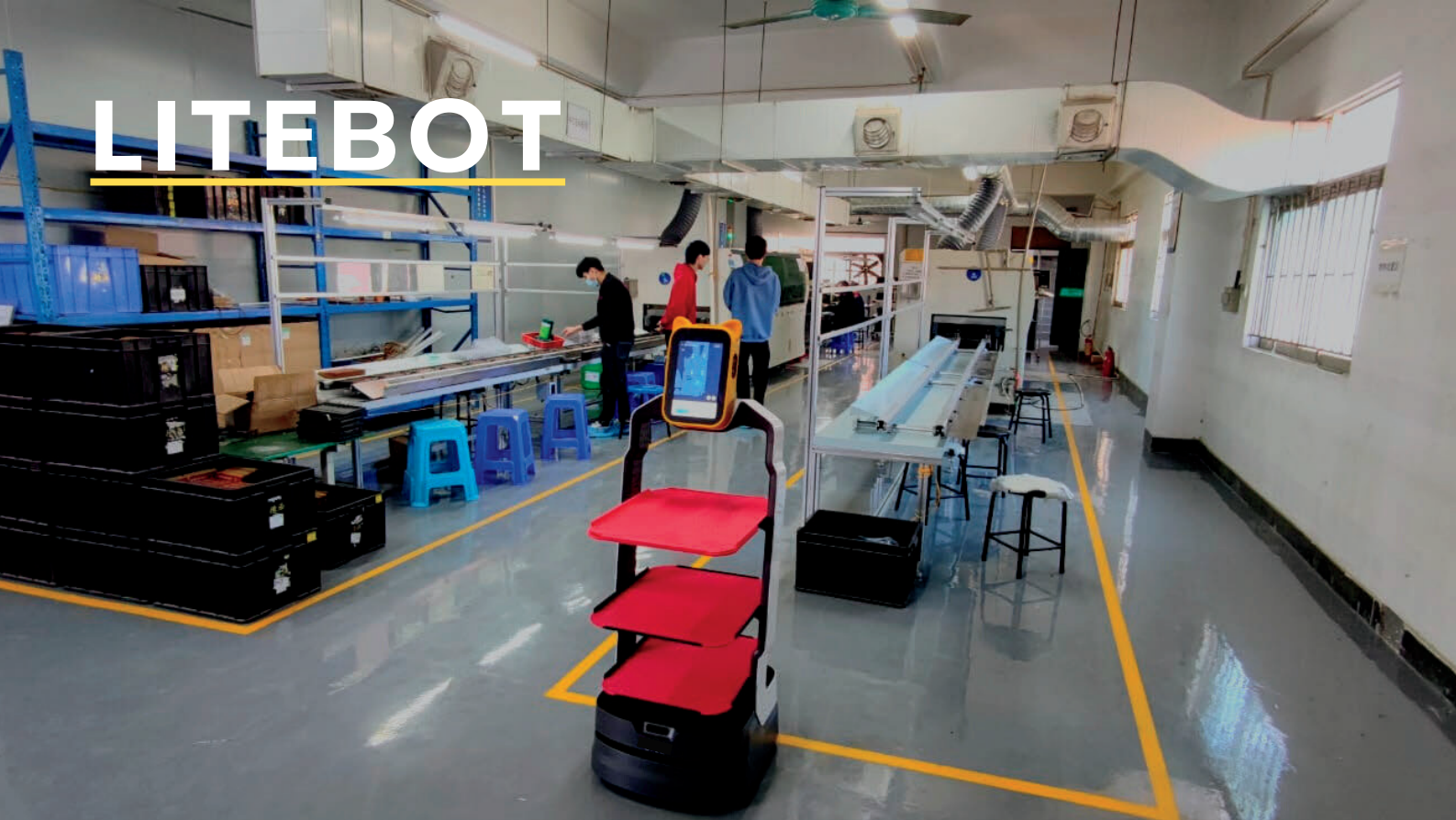# LITEBOT

"liteBot, is an efficient **delivery robot** for **economic lighter solution**. It is easy to use **without any technical background or code writing**. In all, liteBot is **user-friendly** and ready to use for every customer within **any industry**.

Strong AI

We deliver the most advanced artificial intelligence among delivery robots. liteBot is able to do tasks and solve problems that usually require hard labor. Paired with a powerful QUALCOMM snapdragon® processor, Delibot is able to maneuver objects effortlessly and fluidly by scanning the surrounding.
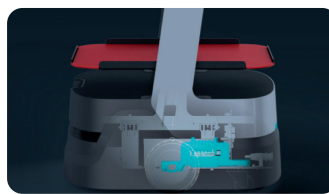
See Clearly, Walk Steadily

Excellent 3D depth detection reduces the risk that liteBot will enter a restricted area by mistake. liteBot can rapidly scan the surrounding environment and return the sensing signal with zero delay, allowing it to safely avoid obstacles, travel steadily, and navigate accurately.
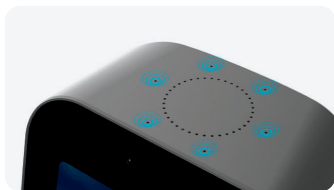
Advanced Dual Slam Solution
It allows our delivery robot to recognize obstacles and it automatically corrects its walking route to avoid obstacles.

Solid and stable chassis
Equipped with a Lidar sensing system, a depth camera & and advanced suspension system we ensure strong performance, balanced movement, and smooth navigation.

Microphone and Speaker
6-microphone ring array, 360° coverage, effective within 5m, accurate pickup, clear and human tone.
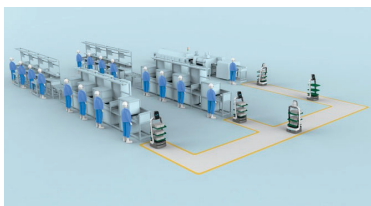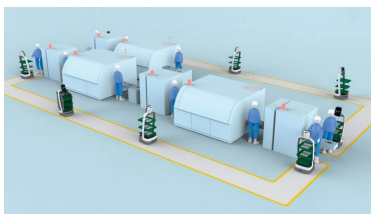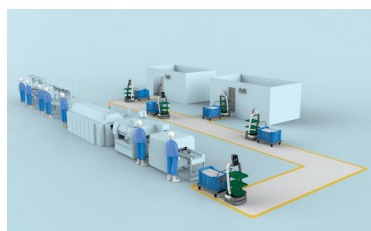
Adjustable trays
With adjustable heights and tray dimensions of 43x50 cm, Delibot holds up a maximum of 10kg per tray, and 40kg in total.

Specification

LITE V1.0

LITEBOT MODEL	LITE V1.0
General	
Dimension L*W*H (mm)	526 x 493 x 1320
Net Weight (Kg)	40
Colour	Pearl white + Elegant black
Body Material	Aviation aluminium; High strength PC + ABS (Food Grade Plastic Naterial)
Screen Size	10.1 inch; 1080P
System Performance	
Hardware Platform	Qualcomm 8-core chip + 32-bit Microchip MCU + Intel® RealSense™ depth sensor
Operating System	Deep customized Robot OS operating system based on Android 3.0
Navigation System	Lidar + Visual Positioning + Visual Obstacle Avoidance + Odometer + IMU
Microphone Array	6 microphone arrays, 360° sound source positioning, 5m sound range
Travel Speed	0.5 ~ 1.2 m/s (adjustable)
Battery Life	12 ~ `15 hours (according to actual working conditions)
Positioning Accuracy	5 ~ 10 cm
Network and Charging	
Network Supports	4G supports TDD-LTE, WIFI supports 2.4G/5G
Charging Mode	Charging via cable
Charging Time	3.5h

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