

MULTI-TASKING AI ROBOT

DLVR BOT V10 Smart Delivery Robot



FEATURES

Advanced AI based Robot, enabling contact-less delivery of packages to guests at hotels, co-working spaces, business lounges, library, hospitals etc also for greeting and escorting at airports, events and hotels

Streamlined futuristic body design, remarkable colour & aesthetic, 3D smart obstacle avoidance equipped with 120° wide viewing angle stereo vision sensors for enhanced safety

Extreme obstacles overcome capabilities such as 7° climbing performance, 15mm vertical height and 30mm gap crossing ability

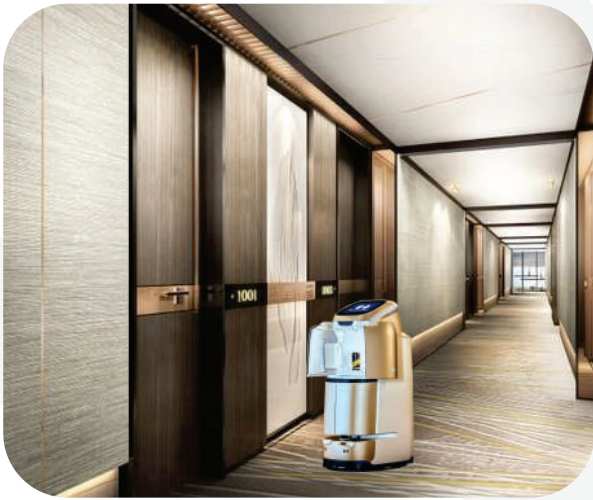
Longer service time of up to 15 hours with four independent compartments for efficient multi-point package deliveries during peak hours

90L extra-large delivery space design with four cabins to carry more items, greatly increasing the volume utilization rate

Seamless automated experience with intelligent elevator boarding & de-boarding, calling consignee upon arrival, prevent pinching of hands with automatic opening & closing of compartment for contact-less and safe delivery

Built-in with 11.6" full HD touch display screen allows to engage users intuitively and advertising modes for interactive marketing

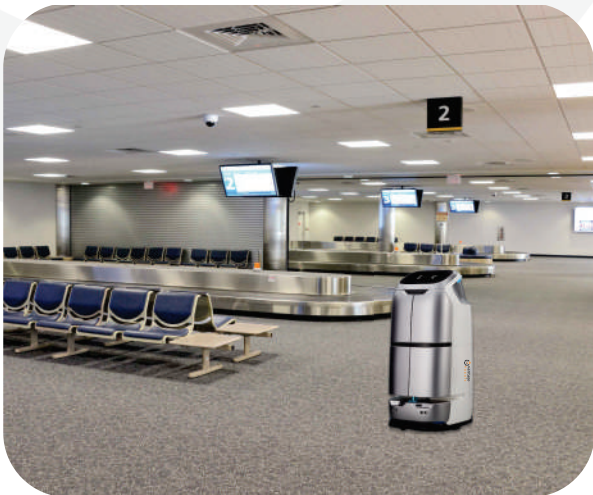
Multiple Applications Areas :



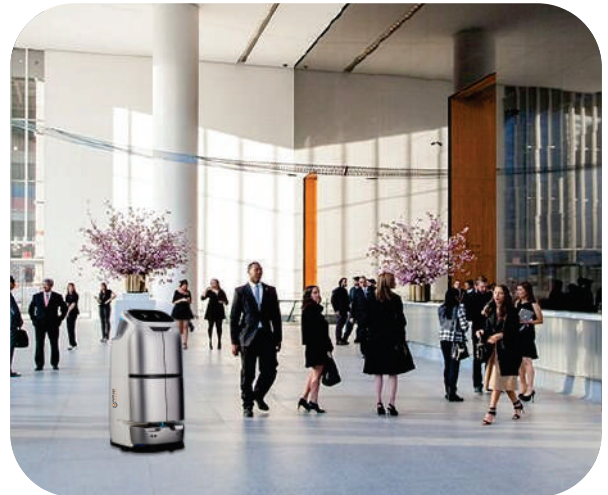
Hotels



Hospitals



Airports & Lounges



Events



Office Buildings



Library

TECHNICAL SPECIFICATIONS

DLVR BOT V10

System and Function	System	Linux(Control) & Android(Interact)
	App Language	English
	App Functions	Automated delivery to rooms, dispatch to destination also for greeting and escort
	Number of Cabins	2/3/4
	Voice Reminder	Different voice prompt in different working mode and general operation
Performance	Max Speed	0.8m/s (normal pedestrian speed)
	Standby Time	Max 15h
	Maximum Climbing Angle	Slope $\leq 7^{\circ}$
	Overpass Height	Max 15mm
	Minimum Pass Width	70cm
	Service Life	20000 hours
	Obstacle Avoidance Coverage	Lidar detection range: 270°, $\leq 20m$: Stereo vision range 120°, 0.1-1.5m
	Multi Robot Collaboration	Maximum 20 robots
	Multi Point Delivery	Up to 4 rooms (Single journey)
Battery and Charging	Battery Endurance	12h (assuming 3 deliveries per hour and 5 minutes for each)
	Battery Capacity	DC48V 12AH
	Charging Mode	Auto/Manual
	Charging Input	100-240V~, 50/60Hz
	Charging Time	Approx. 6.5 hours
	Charging Pile Dimension	230x220x290 mm
	Charging Pile Weight	2.5kg
Hardware	Material	ABS Plastic for body
	Sensors	LiDAR, depth vision sensor, and touch sensor
	Screen Size	11.6 inch
	Screen Resolution	1920x1080P
	Screen Interactive Mode	Light/Touch
	WIFI	802.11b /g/n transmission
	WIFI Frequency	2.4-2.484GHZ
	LoRa Frequency	850.125MHz~930.125MHz
	Positioning & Navigation	Laser, IMU, encoder multi sensor positioning & navigation
	Obstacle Avoidance	Dual stereo vision, Anti-collision strips
	Layer Detachable	Yes
Environment	Operating Temperature	0°C - 45°C
	Humidity	RH: 5% - 85%, dust free
	Working Environment	Flat and smooth ground indoors
	Storage Temperature	0°C-60°C
General	Product Size (WxDxH)	450x550x1080mm
	Product Weight	48 Kg
	Cabin Size	390x385x300mm contain 66 bottles of 550ml water
	Cabin Load Capacity	20kg 5kg per layer, with bottom layer capacity at 10kg
	Speaker	2 sound tracks
	Color Optional	Silver/Champagne gold

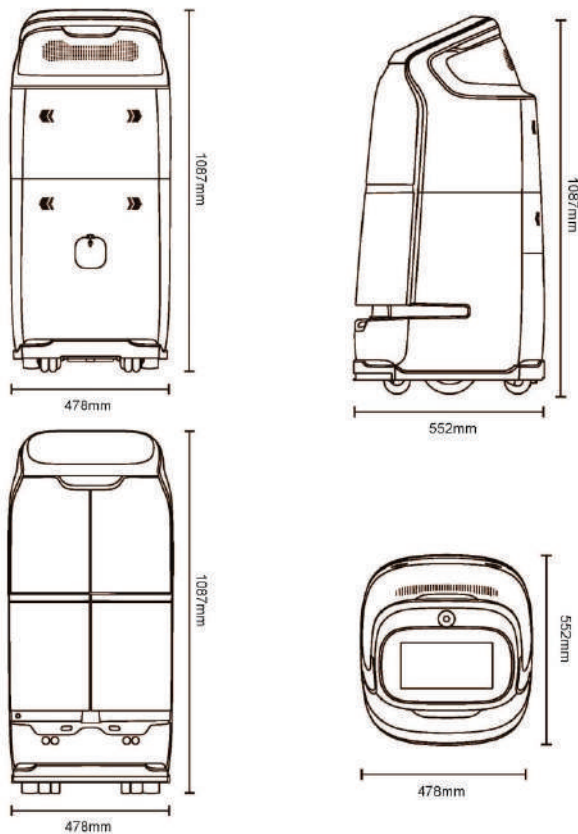
*Exact products and specifications shown may vary by geographic region and are subject to change without notice. Product image, weights and measurements are approximate and may vary due to customized solutions & products being offered as per customer requirements.

TECHNICAL SPECIFICATIONS

DLVR BOT V10

DIMENSIONS

Unit: mm



VANTAGE ROBOTS IS A REGISTERED BRAND UNDER PARENT COMPANY:

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