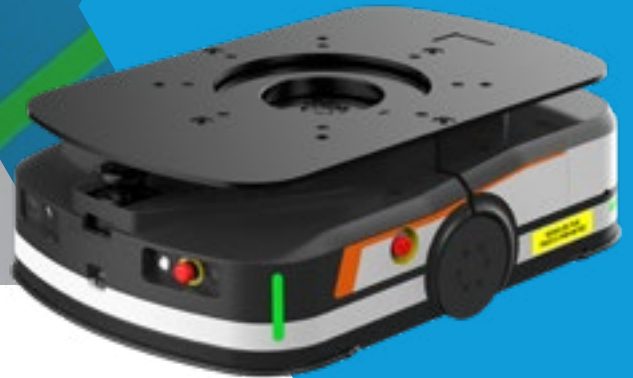


LATENT AMR

C100D CE Series



Applications



3C Warehousing & Material Handling



Automotive Parts



Raw Material Handling of EU Battery



PU Cell Handling

Features

Hybrid Navigation

- Multiple navigation: Laser SLAM, QR code, Texture.
- Different navigation methods can be used at the same site.

Fast Battery Switch

- Rapid battery replacement in 65 seconds. No need for charging wait time.

High Safety & High Reliability

- Hybrid laser and vision, realize 360° stereo-obstacle avoidance.
- Detection of obstacles as low as 1cm.
- Configure indicator light, realize alarm in advance

Intelligent Recognition

- Recognizing the angle of the carrier and planning the pick-up path autonomously.
- Adaptation to the environment and autonomous obstacle avoidance.

Characteristics

Basic parameters	Navigation (Hybrid)	DM code / Lidar SLAM / Texture
	Dimensions L*W*H (mm)	950*650*300
	Rotation diameter (mm)	1000
	Lifting height (mm)	60
	Laser navigation height (mm)	240
	Lifting plate size (mm)	900*560
	Rated load (kg)	1000
	Drive mode	Two-wheel differential
Security protection	Obstacle avoidance	Front and rear laser + Front and rear TOF
	Obstacle avoidance angle (°)	360
	Marker lights	Standard
	Collision detection	Standard
	Sound and light alarm	Standard
Athletic performance	Max. no-load speed (m/s)	1.5
	Max. full-load speed (m/s)	0.8
	Stop position accuracy (mm)	±10
	Moving direction	Forward and backward + Rotate in place
Battery performance	Battery life cycle	1500
	Running time (h)	6
	Charging time (h)	1.5

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