

# MR-Q7-1000CE-C(HI)(CE)

LMR Series



## Key Feature

- Uses inertial and visual navigation to achieve accurate positioning
- Supports smooth motions via dual-wheel differential drive
- Supports multi-level electrical threshold, auto-charge and back to work on battery dependency
- Multi-safety protection: laser obstacle avoidance, bumper strip, emergency stop button etc.
- User friendly: supports LCD screen and sound alert
- Supports carrying up to 1000 kg loads
- Uses sound and dual-color indicator to prompt device status
- Supports wireless communication and roaming in network covered area

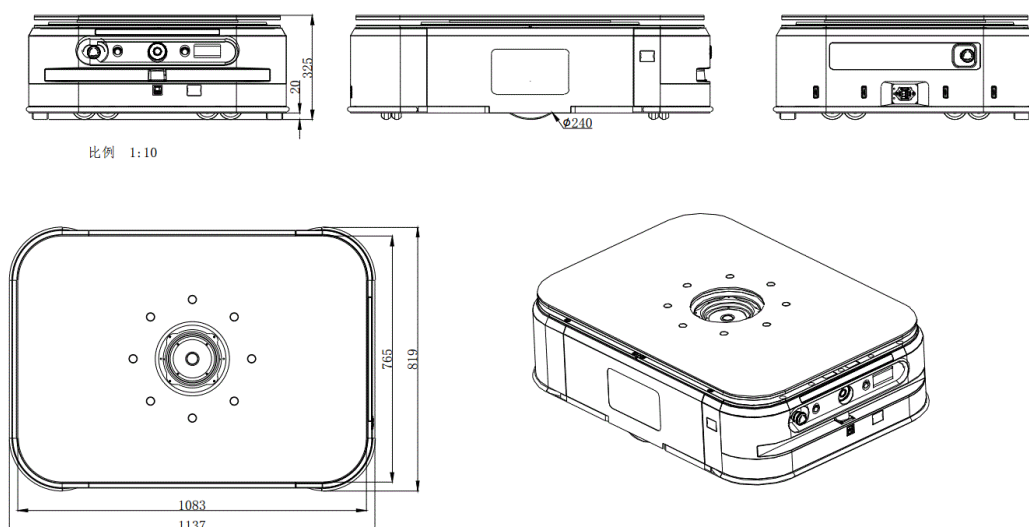
## Typical Application

Warehousing and logistics industries include e-Commerce, electronics manufacturing, tobacco, medicine

## Charging Station Model

CH-48/30B (Material code: 307800075)

## Dimension



## Specification

	Model	MR-Q7-1000CE-C(HI)(CE)
General Parameter	Dimensions L x W x H	1137 mm x 819 mm x 325 mm
	Rotation diameter	1275 mm
	Lifting height	60 mm
	Lifting motor	Electric
	Weight	300 kg
	Rated load	1000 kg
	Navigation	QR code
	Display	LCD screen
Safety Protection	Laser obstacle avoidance	Front
	Ultrasound obstacle avoidance	Two sides
	Infrared obstacle avoidance	Rear
	Bumper strip	Front + Rear
	Emergency stop button	Front + Rear
	Sound alert	Available
Motion Performance	Rated operating speed (Empty load)	1500 mm/s
	Rated operating speed (Rated load)	1200 mm/s
	Rated acceleration (Empty load)	400 mm/s <sup>2</sup>
	Rated acceleration (Rated load)	300 mm/s <sup>2</sup>
	Navigation accuracy	±10 mm
	Stop accuracy	±10 mm / ±1°
Battery	Battery type	Lithium iron phosphate
	Rated voltage	48 V
	Capacity	30 Ah
	Charge cycle	1500 times (deep charge & discharge)
	Battery endurance	8 h
	Charge time	≤1.5 h (after deep discharge)

*\*The product adopts the battery management mode of shallow charging and discharging.*

**HIKROBOT**<sup>®</sup>

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