# Under Drive Lifting Robot W1000QR

**INS+ QR Code Navigation + Load 1000KG**
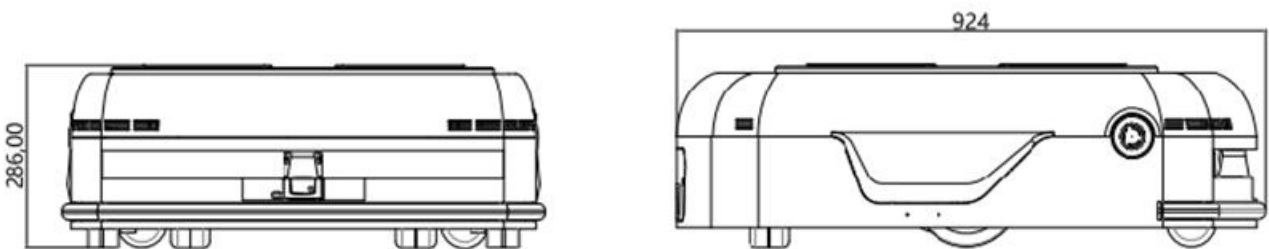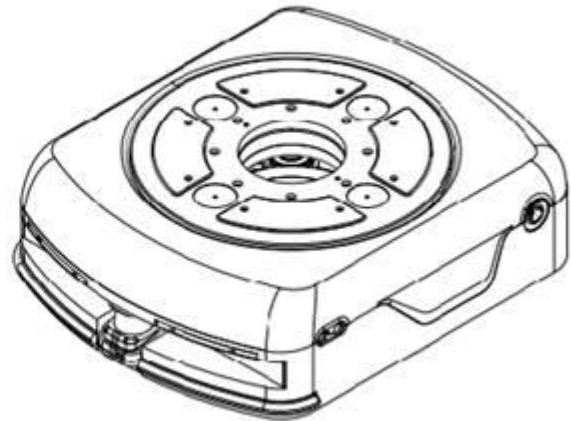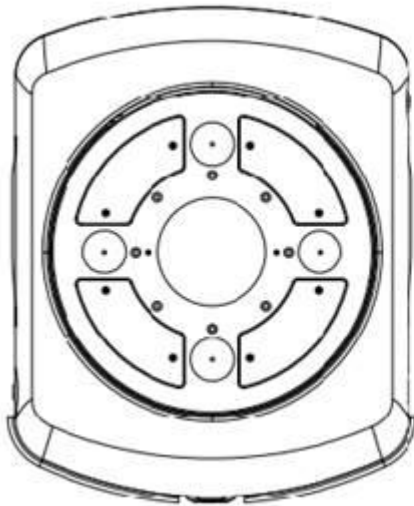
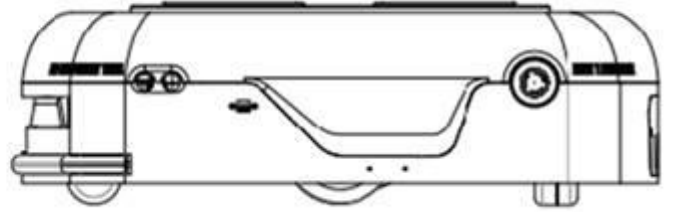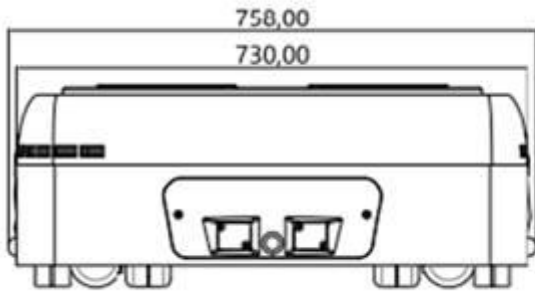## Product Feature

1.  Using QR code navigation, combined with inertial navigation system for positioning and correction, accurate positioning of ± 10 mm can be achieved.

2.  The load weight can be up to 1000Kg and most of the goods can be transported by Lifting, rotating.

3.  The equipment adopts the modular design of the whole machine, which makes the assembly and maintenance more convenient.

4. The battery can last for ≥ 8 hours with full load, and the robot can realize automatic charging when low power (set low power threshold according to customer requirements).

5. Cluster scheduling, in the robot control system, you can view the working status, battery energy, location and other information of all robots at the same time, and dispatching all devices through the system.

6. Equipped with lidar obstacle avoidance, front contact anti-collision bar, left and right emergency stop buttons, multiple safety protection to protect equipment and cargo safety.

7. System path planning, realize unmanned operation, staff only need to give instructions through the control terminal.

# Dimension

758,00
730,00

# Specification

| | | |
|---|---|---|
| Basic specifications | model | W1000QR |
| | name | Under drive mobile robot |
| | Self-weight | 200KG（±5KG） |
| | Load weight | 1000KG |
| | Dimension | 924*758*286mm |
| | Lifting height | 60mm |
| | Navigation mode | INS + QR code navigation |
| performance | Driving mode | Servo motor, two wheel differential drive |
| | positioning accuracy | ±10mm |
| | Max speed (no load) | 1.7m/s |
| | Operating speed (full load) | 0.8m/s |

|  | Charging mode | Automatic charging / offline charging optional |
|---|---|---|
|  | Endurance time | ≥8H |
| Battery | Battery type | Lithium battery 48V |
|  | Battery capacity | 40AH/30AH |
|  | Charging time | 1.5h~2h |
|  | Battery life | 1500 cycles, capacity ≥ 80% |
| security | Obstacle avoidance | LiDAR obstacle avoidance, contact anti-collision strip |
|  | Audible and visual alarm | support |
|  | Emergency stop switch | Support, one before and one after |
|  | Communication mode | WiFi |
|  | Debug interface | Open interface |

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