

## Multipurpose Botshare Platform

### Main technical characteristics:

- Navigation accuracy - 0.05m;
- Speed, maximum - 1.5 m / s;
- The minimum distance to detect obstacles is 5 cm;
- Maximum distance to detect obstacles - 7 m;
- Battery capacity - DC 24V 48Ah;
- Standby time  $\approx$  48 hours;
- Product weight - 60 kg;
- Permissible floor slope, max - 5 degrees;
- Carrying capacity, not less - 100 kg;
- Intelligent self-charging with positioning via QR code at the charging station;
- Web interface for controlling the robot, setting modes and settings.

### Other specifications:

- Standby current -  $<0.5A$ ;
- LIDAR SLAM technology;
- Differential drive BLDC motor 60W x 2;
- Possibility of mounting on top of the working mechanism (manipulator, elevator, 3D scanner, etc.)
- WxDxH - 600x800x350;
- Rated power - 200 W.

### Application options:

1. Robot for disinfection;
2. Robot for delivery in a restaurant, hotel;
3. Robot for delivery to the warehouse (sorting);
4. Robot for delivery in the store (placing the goods on the shelves);
5. Moving goods between production areas;
6. Using a mobile platform in combination with a robotic arm;
7. Other

