Partner Robot

Daily Life Assistance

HSR is a compact mobile manipulator for the disabled and elderly. HSR can move around the house, keep watch over family members, and fetch objects. Our goal is to make HSR beneficial to all people in the near future.



Human Support Robot



Pick-up

Pick up dropped objects and fetch boxes from shelf. Various tasks currently under development











Remote Control Operation





Intuitive Operation Controlled via tablet

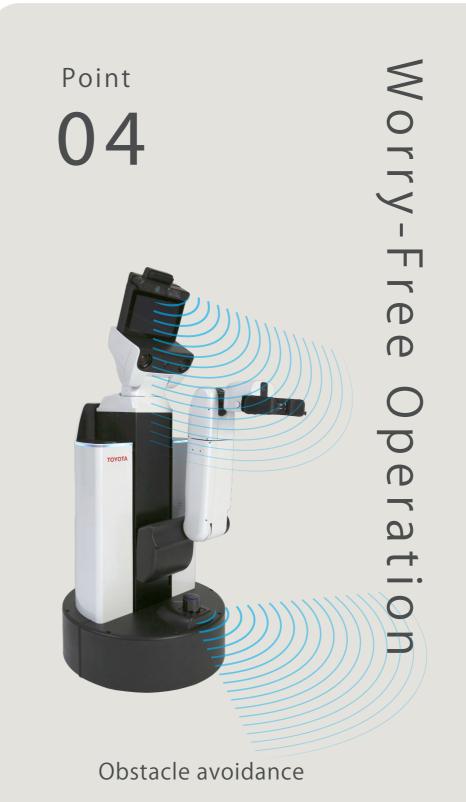
Point 02

Point 03

Remote Communication and Support

Internet connectivity









Fetch

recognized object

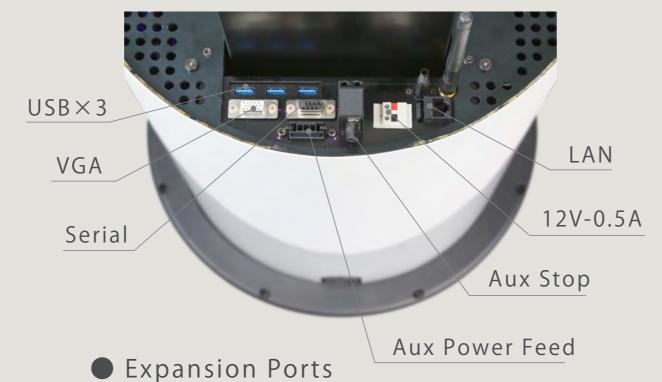


Human Support Robot

Development Environment



ROS (Robot Operating System)



Remote Stop Button



Gravity Compensation

Specifications

- Weight:37kg
- Max payload:1.2kg Max object width:130mm
- Max step size:5mm Max incline:5°
- Max speed:0.8km/h

