



Relay®

Autonomous Service Robot

Helping Staff. Delighting Patients. Enhancing Healthcare.

Relay® is a dynamic, low-profile autonomous robot that combines fast, secure delivery with a responsive, friendly human interface for reliable, more personalized services. Designed to operate in public areas, Relay can support use cases in visitor lobbies and hallways. Safe and secure, Relay delivers everything from medications and lab work to supplies and equipment throughout the hospital environment. Able to operate elevators and navigate busy hallways, Relay improves productivity and workflow while delighting everyone he meets.



Relay® Autonomous Service Robot

Features & Benefits

- Dynamic, safe navigation—moves gracefully through unstructured areas
- Nimble and adaptable—easily travels around tight spaces or remaps to find most direct path to the destination
- Trackable, predictable deliveries
- Lockable payload
- Small, light footprint
- Autonomous elevator operation
- Friendly, delightful personality



- 1 Locking Payload
- 2 User Interface
- 3 3D Vision (obstacle avoidance)
- 4 Available Payload Area
- 5 LTE and WiFi Comms for Elevator, Phones, Support
- 6 Main Computer
- 7 LIDAR
- 8 Sonars
- 9 LED Lighting
- 10 Custom Drivetrain and Active Safety Bumper
- 11 Power and Connectivity
- 12 Charging Contacts

Relay® Specifications

Dimensions

Height 36in/92 cm
Width 20in/51 cm

Weight
90lbs

Speed
.7m/s

Communications

WiFi
LTE Verizon or AT&T

Payload

Volume: .75 cubic ft (.021 cubic meters)
Weight Capacity: 10 lbs (4.5 kg)
Security: Automatic Lock

User Interface

Display 7" touch screen
Audio Stereo
Lighting RGB LED base ring
Cargo Lighting Illuminated

Runtime

Continuous Four hours
Charging Dock Floor mounted
Dock & Relay 120V/3A 240V/1.5A

Navigation

Fully autonomous indoor navigation
Obstacle avoidance
Multi-floor navigation
Elevator control
Ability to ride in occupied elevators





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