



# **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

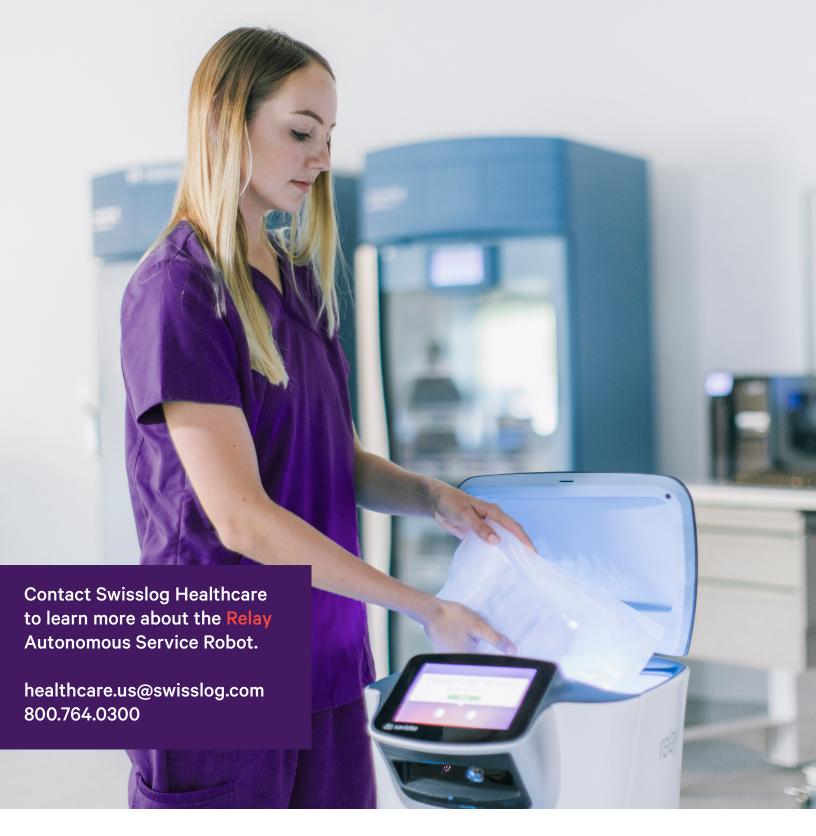
Obstacle avoidance

Multi-floor navigation

Elevator control

Ability to ride in occupied elevators





#### CONTACT

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