



- + Dynamic, safe navigation
- + Lockable payload
- + Autonomous operation in public spaces

# Relay<sup>®</sup>

## Autonomous Service Robot

Helping Staff. Delighting Patients. Enhancing Healthcare.

Relay<sup>®</sup> 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.

[swisslog-healthcare.com/relay](https://swisslog-healthcare.com/relay)

swisslog  
healthcare 



## 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 Swisslog Healthcare to learn more about the **Relay** Autonomous Service Robot.

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