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
Relay® Specifications

Dimensions
- Height: 36in/92 cm
- Width: 20in/51 cm
- Weight: 90 lbs
- 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

Locking Payload
3D Vision (obstacle avoidance)
Available Payload Area
LTE and WiFi Comms for Elevator, Phones, Support
Main Computer
LIDAR
Sonars
LED Lighting
Custom Drivetrain and Active Safety Bumper
Power and Connectivity
Charging Contacts
Contact Swisslog Healthcare to learn more about the Relay Autonomous Service Robot.

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