

# whiz

**AI Technology Revolutionizing  
Commercial Floor Care**



# Whiz

## Maximum Cleaning Efficiency with Cutting-Edge AI

Changing Professional Cleaning with Breakthrough AI Navigation Technology



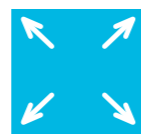
### Easy Set-Up, Easy Use

Teach cleaning route manually to save a route



### Smart AI Cleaning

On-board BrainOS \*1 determines the best route given the surrounding environment



### Outstanding Cleaning Efficiency

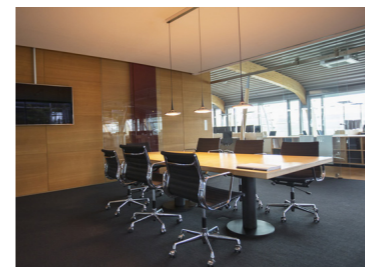
Continuous operation up to three hours  
Coverage up to 1,500m<sup>2</sup>



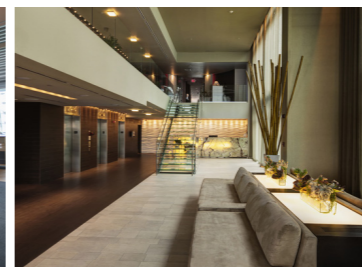
### Simple Controls

Check status via smartphone or PC

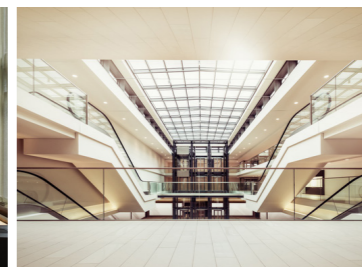
### Perfect for Many Spaces



Office Buildings



Hotels



Shopping Malls



Apartment Complexes



Hospitals



Schools



Welfare Facilities



Airports

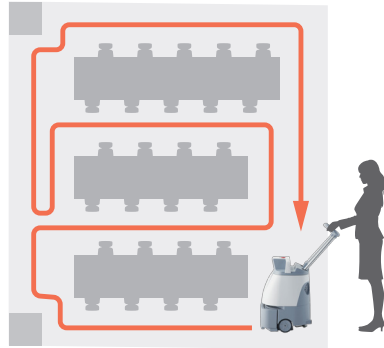


# Simple to Use. Simple Setup.

## Teach a cleaning route and press the start button. It's that simple.

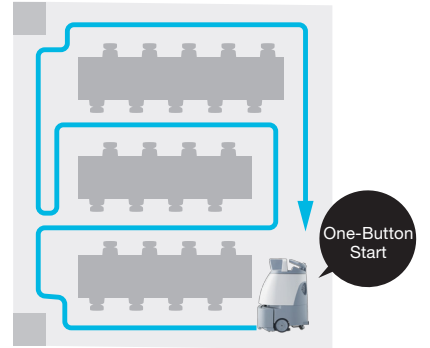
### Create a route (Teaching)

- 1 Set the Home Location Code as the starting point.
- 2 Manually push Whiz through the cleaning route to teach.



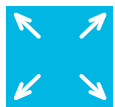
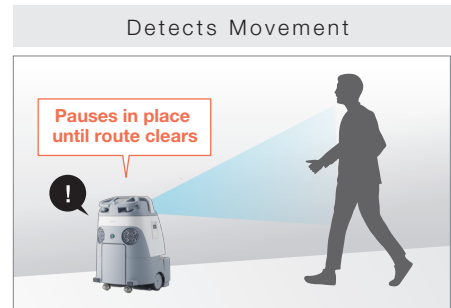
### Moves Autonomously Along the Cleaning Path

After initial use, simply press the start button for autonomous cleaning. Capable of memorizing several routes.



## Whiz detects and avoids obstacles, responding to environmental changes.

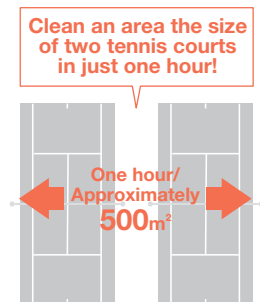
Multiple sensors detect obstacles, stairs, and human movement. Whiz avoids objects or stops until the route clears.



## Small, but powerful. Covers an area up to 1,500m<sup>2</sup> on a single charge.

Continuous operation up to three hours, covering an area up to 1,500m<sup>2</sup>. Use extra batteries to clean even larger areas. High-precision sensors allow cleaning along wall edges.

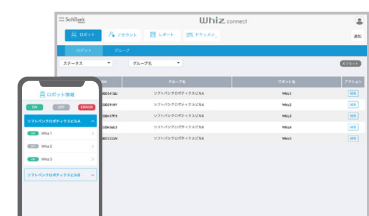
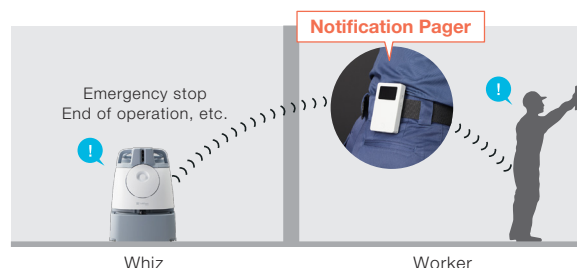
	Normal mode	Max power mode High-Power Mode
Average Operating Time	Up to 3 hours Approximately 3 hours	Up to 1.5 hours Approximately 1.5 hours
Floor Space/Hour Coverage/Hour	Up to 500m <sup>2</sup> Approximately 500m <sup>2</sup>	



## Easy control through Whiz Connect. Check status from anywhere.

### Whiz connect

Use the Whiz connect app to control multiple units easily. Receive alerts of emergency stops or blocked units via pager or app.



Control multiple units via app or PC.

\*For illustration purposes only. Product details may change without notice.

**“Easy to create a cleaning route and quick to get up and running.”**

**Cleaning Company Employee**

Most commercial robots are inconvenient to use, since the manufacturer must come to make detailed route settings. We simply pushed Whiz through a cleaning route and pressed the start button. From there, Whiz took over and went to work.

**“Whiz has made us much more efficient. Even our workers were impressed.”**

**Cleaning Company Manager**

We have been sensing an urgency in locating and hiring enough cleaning staff. Whiz takes care of hallway cleaning tasks, making us much more efficient and able to fulfill our contracts at a high level. Staff who work with Whiz have urged us to adopt the robots on a larger scale.

**“We expect to improve cleaning quality by combining Whiz with our staff experience.”**

**Cleaning Company Manager**

Our experienced staff create cleaning routes for Whiz, and the unit follows the same route for daily cleaning. Cleaning quality has improved, especially when performed by newly hired workers. We were shocked at how much more dirt was picked up in the bags.

**“I have a renewed appreciation for BrainOS functionality. We’re confident we can use Whiz in our buildings”**

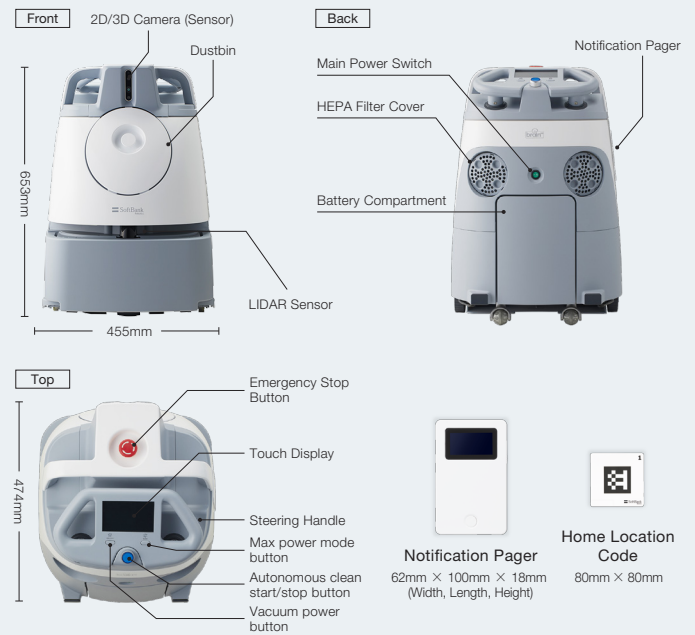
**Building Owner**

BrainOS was originally developed for use in the self-driving floor cleaner RS26 powered by BrainOS product. I was already impressed by the high functionality in the operating system, but having used Whiz for a solid week, including nights, we are confident we can use Whiz in all our buildings.

**Specifications** \*Specifications and/or design details may change without prior notice.

Main Unit Dimensions (Handle Recessed)	455mm × 474mm × 653mm (Width, Length, Height)
Weight (Excluding Battery)	30kg
Coverage *2	500m <sup>2</sup> /hour
Continuous Operation *2	Approximately 3 hours (Normal mode) / 1.5 hours (Max Power Mode)
Speed	1.8km/h max.
Cleaning Capacity	4.0L (Paper Bag)
Battery	5kg lithium ion; 23.7 Ah, 25.2V
Charging Time	4 hours
Battery Charger Capacity	100-240V AC
Rated Output	29.4V / 8A × 2
Safety Features	Obstacle detection, fall prevention (LIDAR sensor, 3D camera), impact detection (sensor-installed bumper), anomaly detection (Cliff sensors, wheel contact sensors, emergency brake function)
Alert functions	Notification Pager (attaches to main unit) and smartphone app
Accessories	Battery, Battery charger, Notification pager, HEPA filter, Paper bag, Brush

**Parts/Functions**



**Supplies** \*Includes charger, home location code, vacuum motor and other accessories.

 <p><b>Paper Bag</b> Easy disposal; 4L max capacity</p>	 <p><b>Brush</b> Removable rotating brush, auto height adjust</p>	 <p><b>HEPA Filter</b> Captures 99.97% of PM2.5 particles, including pollen and house dust</p>	 <p><b>Battery</b> Replaceable lithium ion battery</p>
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\*1 Uses the BrainOS autonomous-driving AI. SoftBank is the exclusive license distributor for BrainOS in Japan. \*2 May differ according to usage environment.  
\*Whiz is a trademark of SoftBank Robotics. \*BrainOS is a trademark of Brain Corp.



**Website**  
For more information, see our website.  
<https://www.softbankrobotics.com/apac>