



# Spot Dock

## Self-Charging Station



Work, recharge, repeat. Your robot fleet can autonomously navigate to Spot Docks throughout your facility for completely hands-off inspection missions.

### Features

#### Autonomous inspections

Spot recharges independently so it can conduct missions without operator intervention. If its battery is getting low, Spot will navigate to an available dock to recharge before continuing its work.

#### Remote operation






Send Spot to a dock from Orbit™ fleet management software. Simply click the station you want Spot to use and the robot will go dock there autonomously.

#### Automated self-charging

Dock autonomously using the tablet or Orbit. With built-in dock detection, Spot will return home to charge at the push of a button or call of a program, without any other operator directions.

#### Longer missions

Utilize multiple docks on site to facilitate long missions on remote sites. Docks come with unique fiducials so that Spot can identify them in an environment needing more than one charging station.

-  Automated self-charging to reduce interventions
-  Enable longer missions with unique fiducials on each dock
-  Built-in dock detection to return home to charge at the push of a button
-  Ethernet connectivity for data downloads
-  Orbit™ fleet management software integration



## Specifications

### Dimensions

**Length** = 1140 mm (44.9 in)  
**Width** = 414 mm (16.3 in)  
**Height** = 403 mm (15.9 in)  
**Mass/Weight** = 22.9 kg (50.5 lbs)

### Power

**Input** = 90-277 VAC  
**Output** = 58v at 12A  
**Charge Time** = 2-3.5 hours\*

### Environment

**Operating Temp** = -20°C to 35°C  
**Shelter Required**  
**Lighting** = Ambient light required  
**Mounting** = Bolt/tie down locations provided

### Connectivity

Gigabit Ethernet passthrough to robot

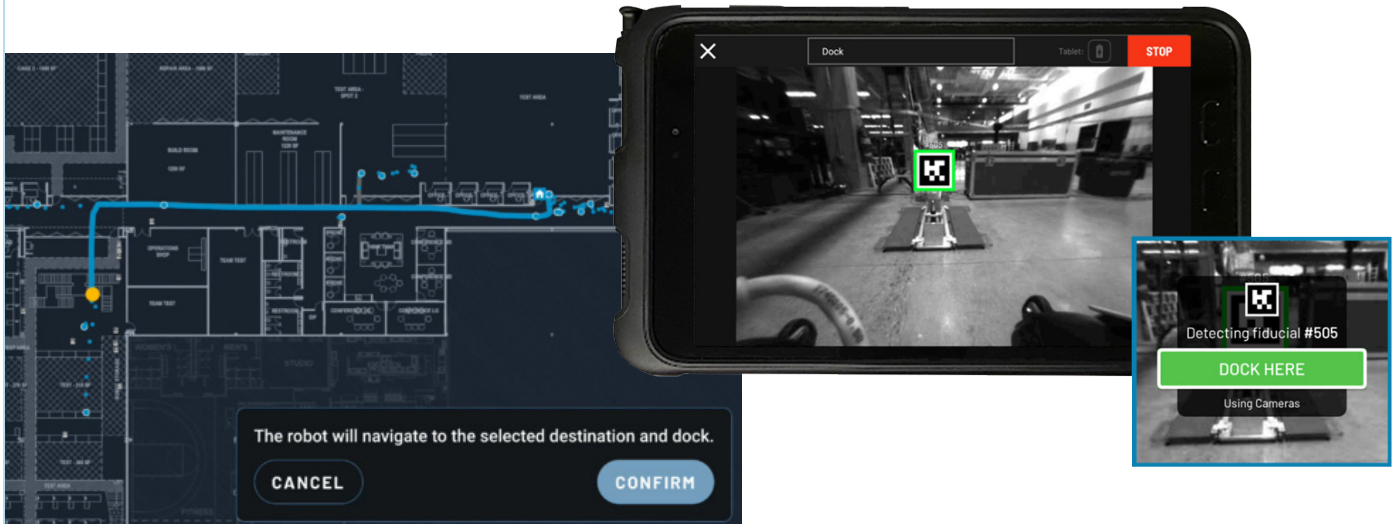
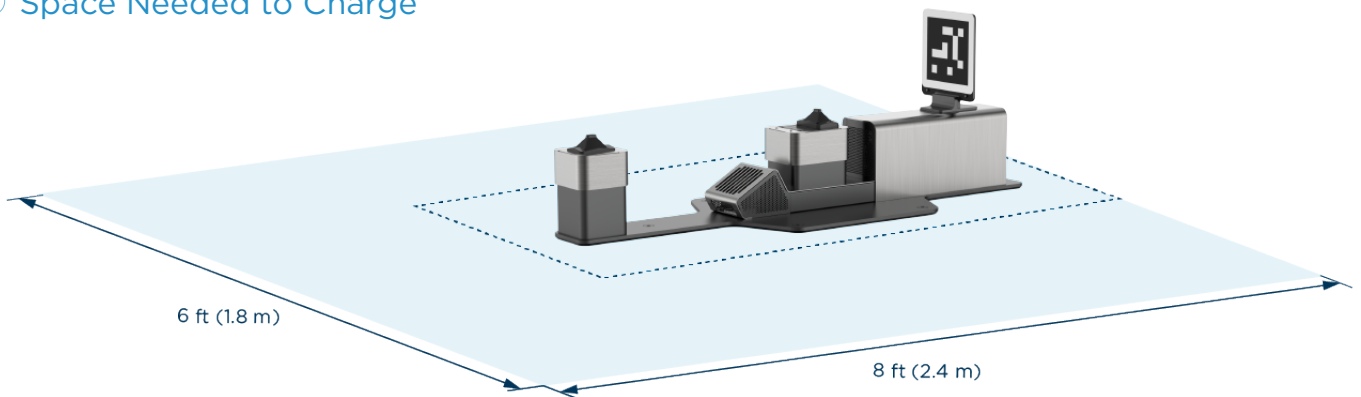
### Certifications

cTUVus Certified to UL 1564 and  
CSA C22.2 No. 107.2

\* Charge time varies based on table below

Ambient Temperature	80% Charge	100% Charge
25°C	50 min	2 hours
35°C	2.5 hours	3.5 hours

## Space Needed to Charge



## Contact

sales@bostondynamics.com  
[www.bostondynamics.com/products/extras/spot-dock](http://www.bostondynamics.com/products/extras/spot-dock)

BostonDynamics

